



# Comprehensive Site Characterization Report

## Support for the Site as a Low-Risk Soil and Groundwater Case

### Former Nestlé USA, Inc. Facility 1310 14<sup>th</sup> Street Oakland, California

Prepared for

*Waiting for non-reports  
for 7 & 12/00.*

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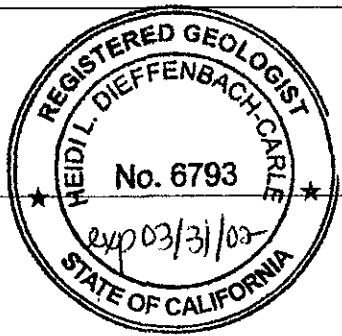
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## INTRODUCTION

At the request of Nestle USA, Inc. (Nestle), ETIC Engineering, Inc. (ETIC) has prepared this Comprehensive Site Characterization Report (CSCR) for the former Carnation Dairy Facility located at 1310 14<sup>th</sup> Street in Oakland, California. This report presents a summary of the results of the site investigations, remedial actions, and risk analysis that have been conducted at the site over the past 11 years. These investigations have focused on the northwest portion of the property where vehicle maintenance and refueling was conducted until 1988. The entire property was sold by Nestle to Encinal 14<sup>th</sup> Street, LLC in July 2000. Prior to the sale of the property, a Covenant and Environmental Restriction document was developed for the northwest portion of the property. The restrictions were reviewed by the Alameda County Health Agency (ACHA), the Regional Water Quality Control Board (RWQCB), and were signed by the City of Oakland Fire Services in June 2000. These restrictions were recorded against the deed for the property by the close of escrow. Figure 1 shows a map of the entire property. The northwest portion of the property is the area for which the environmental restrictions apply (Figure 1). A copy of the environmental restrictions document is provided as Appendix A.

The majority of the data contained in this report was reviewed in meetings with the ACHA and the RWQCB in May and November 1999. Between the May and November meetings additional groundwater, soil, and soil gas concentration data were collected. ETIC submitted a Second Closure Review Meeting report to the ACHA and RWQCB in November 1999 (ETIC 1999). New and historical data were also used to develop a risk-based corrective action (RBCA) analysis that was delivered to the ACHA and the RWQCB in March 2000. Comments regarding the Second Closure Review Meeting report and the RBCA analysis were received from the RWQCB in May 2000 and are addressed in this report. One of the comments regarding these reports was the need for a comprehensive summary and presentation of the site data. To address this comment, this CSCR was prepared and the RBCA analysis has been incorporated into this document as Appendix B. The RBCA analysis refers to site data within the CSCR.

At a meeting with the ACHA and the RWQCB in November 1999, it was agreed that the site conditions satisfy the criteria of a low-risk soil and groundwater case with respect to petroleum hydrocarbons. It was also agreed that the low halogenated volatile organic compound (HVOC) concentrations do not warrant any remediation. The time estimated to close the hydrocarbon portion of the environmental case was approximately one year, and two years was estimated for the solvent portion provided that existing trends in groundwater concentrations are maintained.

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R Brauer*

For the remediation of hydrocarbon impacts to the site, it was agreed that the multi-phase extraction system would be operated through the first two quarters of 2000. At the end of the fourth quarter, groundwater monitoring results will be reviewed. If no increase or "rebound" of the groundwater hydrocarbon concentrations are observed during the two quarters of monitoring after the remediation system is shut down (end of June 2000), then the hydrocarbon portion of the case can be closed provided deed restrictions and a risk management plan are put in place.

For the solvent portion of the environmental case, it was agreed that groundwater concentrations will be monitored for two years on a quarterly basis. At the end of two years if the current trends

in groundwater concentrations are maintained, then the solvent portion of the environmental case can be closed with the appropriate deed restrictions and risk management plan in place.

The multi-phase extraction system was operated during the first two quarters of 2000. During this time two groundwater monitoring events were conducted. The report covering these two monitoring events was sent to the ACHA and the RWQCB in July 2000 (ETIC 2000). Per the November 1999 meeting, the remediation system was shut down at the end of June 2000. Quarterly monitoring for the 3<sup>rd</sup> and 4<sup>th</sup> quarters was conducted in August and November 2000. A meeting to review the post remediation monitoring data will be requested after the report of 3<sup>rd</sup> and 4<sup>th</sup> quarter groundwater monitoring is submitted.

Due to the large quantity of data that has been collected for the site over the past 11 years, this report is organized into 6 sections. The different sections present the investigation results and address the criteria that determine if the site is a low-risk soil and groundwater case.

## **SITE HISTORY**

The former facility was used to manufacture ice cream and packaged milk. The facility was also used for the distribution of ice cream and packaged fresh milk by trucks. The delivery trucks were fueled at dispensers near service bays located at the northwest corner of the site and were repaired and maintained on the site. Fueling and maintenance operations used the following underground storage tanks (USTs):

- 1 used-oil tank (1,000-gallon capacity)
- 2 gasoline tanks (10,000-gallon capacity each)
- 2 diesel fuel tanks (12,000-gallon capacity each)

The fuel system at the site also included underground piping that connected the USTs to the dispensers outside of the service bays. Figure 2 shows the locations of the former USTs and piping.

The following discussion addresses the criteria for determining if a site is low risk to public health.

- 1. The leak has been stopped and ongoing sources, including free product, have been removed or remediated.**

### **Tank, Line, and Dispenser Removal**

Four fuel USTs and associated dispensers and piping were removed on 19 December 1988. One 1,000-gallon used-oil tank was removed on 12 January 1989. Each of the removal actions was documented in an AGE Report (AGE 1989). Removal of the tanks and piping stopped the primary source of chemical release to the subsurface.

Estimated He removal

1-3/89	1800	Sallen - prod. skimming
1/94-12/98	5200	Sallen SUE
SWE	5000	gal
multi phase 8/97-6/00	10,875	#s

## Remedial Actions

**Soil Excavation:** Between January and March 1989, 1,200 cubic yards of soil were removed in the area of the former tanks and lines. This soil was treated onsite and placed back into the excavation. The former tanks and fuel line excavation areas are shown in Figure 2. Because of the nature of the release, liquid-phase hydrocarbons (LPH) remained in the soil and floating on the groundwater outside the area of excavation.

} NO report  
or sampling?

**Product Skimming:** Product skimming was initiated in January 1989. Between January and March 1989 approximately 1,800 gallons of LPH was recovered (AGE 1989). Again, because of the nature of the release, LPH remained in the soil and floating on the groundwater after March 1989. The approximate extent of LPH up to 1993 is shown in Figure 3.

**Soil Vapor Extraction (SVE):** An SVE system was operated from January 1994 to December 1995 and removed an estimated 5,200 gallons of hydrocarbon equivalent (Park 1994; EA 1996). The location of the former SVE system is shown in Figure 3.

**Groundwater Extraction:** Following the removal of the four USTs, approximately 1.5 million gallons of groundwater was extracted from wells at the site. This resulted in the removal of approximately 5,000 gallons of hydrocarbons from the subsurface (HLA 1991).

**Multi-Phase Extraction:** The current remedial action being conducted is multi-phase extraction. At the end of 1995 the SVE system had removed most of the hydrocarbons that this technology is capable of removing, but LPH was still present in a number of wells. A multi-phase extraction system was installed and operated from August 1997 through June 2000. The system was installed to remove LPH trapped in the soil matrix and floating on the groundwater. To date, a total of 10,875 pounds of hydrocarbons have been removed since August 1997. Product levels have decreased since August 1997, and the hydrocarbon recovery rate has reached an asymptotic level.

Figures 4 through 8 show the decline in LPH thickness in different ways. Figure 4 shows that the recovery rate of the multi-phase extraction system began decreasing at the beginning of 1999, and during 1999 operated at an asymptotic recovery rate. During this time the system was operated on an intermittent cycle of 1-week of operation and 2-weeks of non-operation. At the end of each 2-week period of no operation, approximately 40 wells were gauged to determine the accumulated thickness of LPH.

Figure 5 is a table that shows the total number of wells gauged each date and the number of wells within different ranges of LPH thickness. The trend is that there is a fewer number of wells containing larger thicknesses of LPH. The gauging conducted on 12 June 2000 showed that 38 wells contained no LPH and 1 well contained between 0.10 – 0.99 feet of LPH.

Figure 6 is a graphical representation of the table shown in Figure 5. The graph shows the percentage of monitored wells containing LPH decreasing over time. The best fit linear regression line, using the least squares method, is also shown with the corresponding  $R^2$  coefficient.

Figure 7 shows the sum of LPH thickness in six of the wells that have historically contained the greatest thickness of LPH over time (MW23, MW24, PR48, PR58, PR61, PR64). The graph shows that the overall thickness of LPH in the six wells substantially decreased after full-scale operation of the multi-phase extraction system was begun.

Figure 8 shows the locations of wells containing LPH from 7 February to 12 June 2000. In June 2000 only well MW23 contained a detectable thickness (0.17 feet) of LPH.

## **2. The site has been adequately characterized.**

The past release of fuel into soil at the site has resulted in the presence of fuel chemicals at the site in three ways: as concentrations of hydrocarbons in subsurface soil, as a layer of fuel floating on groundwater (LPH), and as concentrations of hydrocarbons dissolved in groundwater (dissolved-phase hydrocarbons).

To date, more than 130 wells have been installed at the site. Using data from the borings for the wells and additional soil borings, the site geology and hydrocarbon distribution have been adequately characterized.

**Geology and Hydrogeology:** Borings at the site have been drilled to depths between 10 and 25 feet below grade. Soils at the site are predominantly clayey or silty sands (SC, SM) with a hydraulic conductivity of about 30 ft/day (HLA 1991). The site is located in an area underlain by Merritt Sand (Radbruch 1957). Due to its limited extent and thickness, the Merritt Sand is generally not considered a drinking water resource (ACFCD 1988). Cross-sections are presented in Figures 9-12.

Water currently is found at a depth of approximately 7 feet below grade and has ranged between 5 and 12 feet. Groundwater flow direction is generally toward the north-northwest (16<sup>th</sup> Street) at a gradient of 0.002 ft/ft (Figure 13).

Figure 13 shows the groundwater elevation contours for 26 April 2000 and a rose diagram. The rose diagram shows the groundwater flow direction and gradient for each quarter beginning in December 1995. The average flow direction is N15W at an average gradient of 0.0027 ft/ft. The diagram shows that the groundwater flow direction has been consistent during the time it has been monitored and does not change significantly throughout the annual hydraulic cycle.

### **Soil Characterization:**

**Historical Results** - The soil boring investigation conducted in 1991 sampled soil at the depths of 5, 10, 12.5, 15, and 20 feet below ground surface (bgs) at locations shown in Figures 14-18. Soil samples collected in 1991 showed the highest Total Petroleum Hydrocarbons as gasoline (TPH-g) and as diesel (TPH-d) concentrations found at the site were measured in the area currently being remediated and were located at a depth of 10 feet bgs (HLA 1991). TPH-g concentrations greater than 100 mg/kg were measured in samples at four locations at 5 feet bgs (SB-6, SB-13, SB-14, and SB-16). The maximum concentration at 5 feet was 2,500 mg/kg

measured in a sample from boring SB-14 (Figure 14). At a depth of 10 feet bgs, six samples contained TPH-g concentrations greater than 100 mg/kg (SB-6, SB-10, SB-14, SB-16, SB-17, and SB-20). The maximum concentration measured at this level was 10,000 mg/kg at boring location SB-17 (Figure 15). At the depths of 12.5 and 15 feet bgs, two to three samples at each depth contained TPH-g concentrations greater than 100 mg/kg (SB-6 and SB-16 at 12.5 feet bgs, Figure 16; and SB-6, SB-16, and SB-17 at 15 feet bgs, Figure 17). The maximum TPH-g concentration measured for these depths was 350 mg/kg at 12.5 feet bgs and 1,900 at 15 feet bgs. The soil borings were installed to a depth of 20 feet bgs, and only one sample contained TPH-g concentrations at or above the method detection limit at that depth. This was 260 mg/kg measured in the sample from SB-16 (Figure 18). The soil boring data indicate that the TPH-g impacts are mainly limited to 10 to 15 feet bgs.

TPH-d concentrations at a depth of 5 feet ranged from not detected (ND) at seven borings to 470 mg/kg at SB-14 (Figure 14). At 10 feet bgs, TPH-d concentrations were highest at SB-16 (940 mg/kg) and SB-17 (810 mg/kg) (Figure 15). At 12.5 feet bgs, TPH-d concentrations ranged from ND at 11 borings to 86 mg/kg at boring SB-6 (Figure 16). TPH-d concentrations at 15 feet bgs were ND at all locations except SB-6 (37 mg/kg), SB-16 (59 mg/kg), and SB-17 (130 mg/kg) (Figure 17). At 20 feet bgs, TPH-d concentrations were ND at all locations except SB-16 (2.8 mg/kg) and SB-6 (23 mg/kg) (Figure 18).

**Current Results** - In August 1999, soil and soil gas samples were collected from the 13 soil boring locations shown in Figure 19. The locations of the borings were selected to represent subsurface conditions around and below the footprint of the existing building on the northwest portion of the property. Due to the presence of remediation equipment and aboveground piping, borings locations were restricted to the south side of the piping in the former repair garage bay (SB6) and to the end bay at the east side of the building (SB14). Worst-case soil and soil vapor concentrations are likely represented by the samples collected at boring SB6. This location is in the area of two wells (MW23 and PR48) that sustained LPH recovery longer than the majority of wells (Table 1). Results of soil samples collected in August 1999 show the following results for vadose zone soils at 3.5 to 4.0 feet bgs (Figure 19 and Table 2):

- No benzene at or above the method detection limit;
- 1 location (SB13) with T,E,X concentrations at or below 2.7 ug/kg;
- 1 location (SB13) with a TPH-g concentration of 0.63 mg/kg;
- 3 locations (SB1, SB13, SB15) with TPH-d concentrations of 1,200, 390, and 140 mg/kg;
- 3 locations (SB3, SB5, SB13) with 1,2-dichloroethane (1,2-DCA) concentrations at or below 2.5 ug/kg.

*What about soil gas concentrations?*

Soil samples collected at the water table (6.5 to 7.0 feet bgs) contained higher concentrations of hydrocarbons at some locations and only sporadic concentrations of HVOCs. Significant concentrations of hydrocarbons were measured at sampling locations SB3, SB6, SB8, and SB12-SB14. The maximum concentration of benzene was 76,000 ug/kg, measured in a sample from boring SB6. Concentrations of petroleum hydrocarbons measured at sampling locations SB6 and SB12 ranged from 2.25 to 10,100 mg/kg for TPH-g, 60 to 2,900 mg/kg for TPH-d, and 70 to 76,000 ug/kg for benzene.

**Groundwater Characterization:** Over 25 groundwater monitoring wells have been historically sampled in order to characterize dissolved hydrocarbons and HVOCs in groundwater beneath the site. Cumulative groundwater monitoring results are shown in Table 3. Currently, quarterly groundwater monitoring is performed at the set of wells shown in Table 4. These wells have been selected for long-term quarterly monitoring based on their spatial location and the depth of their screened intervals. Quarterly monitoring at these wells provides measurement of the dissolved constituents at the downgradient edge and along the centerline of the plume.

Current groundwater results show that the TPH-g and benzene concentrations above detection limit levels are limited to the area currently being treated. These concentrations attenuate in the downgradient direction to levels of 0.7 ug/L benzene and 200 ug/L TPH-g at well MW26 (located on the south side of 16<sup>th</sup> Street). Monitoring wells farther downgradient from MW26 have not contained TPH-g and benzene concentrations above detection limits for at least four previous quarters of monitoring. (Figures 20-24, Tables 3 and 4) In order to more completely delineate the edges of the hydrocarbon plume in the crossgradient and upgradient directions, additional groundwater sampling was performed at wells in these areas in February and April 1999. Wells sampled to the west and east (crossgradient) of the petroleum impacted area did not contain TPH-g or benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations above detection limits. Wells sampled to the south (upgradient) of the petroleum impacted area did not contain TPH-g or BTEX concentrations above detection limits, with the exception of low-level BTEX concentrations (0.60 ug/L benzene, 0.90 ug/L ethylbenzene) in well MW33. The details of this additional groundwater delineation are shown in Figure 26, Table 5, and Appendix C.

Dissolved concentrations of HVOCs have been measured in the area currently being remediated and have been measured at lower levels downgradient in the area of 16<sup>th</sup> Street. The predominant HVOC chemical found at the site is 1,2-DCA, which has a current maximum concentration of 67 ug/L found in well PR64 (Table 3, Figure 20). Groundwater monitoring data show no predominant source of HVOCs. (Figure 25, Appendix D)

**LPH Characterization:** LPH has been present in the area of the USTs and maintenance bays since it was discovered in 1988 and likely prior to this date. Over 50 wells are used to monitor the location of LPH. The construction details of wells used for gauging of LPH levels at the site are documented in Table 6. Figure 27 shows the construction of wells along cross-section D-D'. Wells along this cross-section are located perpendicular to the groundwater flow direction at the downgradient edge of the property. Table 6 and Figure 27 indicate that the wells utilized for LPH gauging are appropriately constructed and screened for characterizing the vertical and horizontal extent of the LPH plume. Gauging data to date show that the product is not migrating. This statement is based on the following facts:

- The number and location of wells containing LPH did not change prior to LPH recovery initiated in late 1997.
- The number of wells containing detectable amounts of LPH has been decreasing since LPH recovery using multi-phase extraction was initiated in late 1997.
- LPH has not been detected in any well outside the group of wells that have historically contained measurable thickness. (Figures 3, 6, 7, 8 and Table 1)



**Soil Gas Characterization:** Soil gas samples were collected on 12 and 13 August 1999 for incorporation into the RBCA analysis. Soil gas concentrations are reported in Table 7. Fifteen soil boring locations were sampled for soil gas at 3 feet bgs using direct push boring equipment and summa canisters for vapor collection. The samples were transported to an approved analytical laboratory. Protocols for the collection of soil gas samples are provided in Appendix E, and the laboratory analytical report is provided in Appendix F.

Soil gas sampling locations were selected so as to provide samples from areas thought to overlie the highest groundwater contaminant levels and from areas considered to represent the perimeter and downgradient edge of the soil and groundwater plume. Selection of soil gas survey points was limited by the presence of piping and permanent remediation equipment in place as part of multi-phase extraction operations at the site in areas near the center of the groundwater plume.

All soil gas samples were analyzed using USEPA Compendium Method TO-14/TO-14A for volatile organic compounds. Benzene and other fuel hydrocarbon compounds were measured in the soil vapor samples. Benzene concentrations ranged from 0.91 to 9,900 ppbv (Table 7). Non-fuel hydrocarbon compounds detected in the soil vapor were acetone (10–260 ppbv), ethanol (23–1,400 ppbv), Freon-12 (0.93–630 ppbv), and tetrachloroethene (1.2–160 ppbv). 1,2-DCA was not detected in the soil vapor at or above the respective method reporting limits. (Figures 28-31)

Soil gas data was utilized to perform the RBCA analysis for assessment of potential risks related to subsurface concentrations present beneath the site (Appendix B). As discussed in Section 5 of this report, the results of the RBCA analysis indicate that soil vapor concentrations beneath the site do not present a risk to human health.

### **3. The dissolved hydrocarbon plume is not migrating.**

**Stability of Dissolved Hydrocarbon Plume:** Five wells located in 16<sup>th</sup> Street and two wells located at the Container Care facility north of 16<sup>th</sup> Street monitor the downgradient edge of the plume. Some concentrations of benzene and TPH-g have been measured in wells MW28, MW29, and CC2, but in general they have not been above detectable concentrations (Table 3). Analyses of historical TPH-g and benzene levels for wells in the downgradient direction show that concentrations in these wells have been stable. (Figures 32-36)

Using the bulk hydraulic conductivity and porosity reported in the September 1991 HLA aquifer test report, the average linear groundwater velocity is estimated to be 0.3 ft/day for groundwater at the site. Hydrocarbon constituents dissolved in the groundwater would, in the absence of any in-situ degradation, be expected to have reached the area of MW28 and MW29 in approximately 470 days. Since the initial identification of the hydrocarbon plume in December 1988, the concentrations of TPH-g and benzene have not shown significant increases at the current downgradient edge of the plume (MW28, MW29). The hydrocarbon plume appears to have been stabilized since 1988 by onsite remediation activities and natural attenuation processes, primarily biodegradation.

**Stability of HVOC Compounds:** Detectable concentrations of 1,2-DCA have been measured in downgradient wells MW25, MW26, MW28, and MW29. Although the concentrations of 1,2-DCA are variable and have been as high as 180 ug/L, they are not increasing and in the case of MW28 appear to be decreasing (Table 3). No HVOCs were measured at or above the method detection limit in the most downgradient wells (CC1 and CC2) in July 1999. (Table 8, Figures 37-40)

It is expected that HVOC concentrations in the downgradient wells will remain stable or decrease because:

- There is no major secondary source of HVOCs present in the vadose or saturated zone soils;
- The groundwater is moving through predominantly fine-grained soils;
- There is a shallow groundwater gradient at the site generating a relatively slow groundwater velocity;
- A low redox environment has been established in the subsurface due to the biodegradation of petroleum hydrocarbons. Low redox environments promote reductive dehalogenation of HVOC compounds.

Groundwater monitoring will continue through 2001 to confirm that concentrations of HVOC compounds do not rise above the current levels.

**4. No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.**

**Water Wells:** An Environmental Data Resources, Inc. report (EDR 1997) was used to determine that no state, federal, or public water supply wells are located within 1 mile of the site (Appendix G). In addition to using Environmental Data Resources, Inc. to search federal, state, and public databases, the databases of the East Bay Municipal Utility District (EBMUD 1997) and the Alameda County Public Works Agency (ACPWA 1997) were searched. The results of this search show that there are no private water supply wells located within ¼-mile downgradient of the site (Figures 41, 42, Appendix H)

As a result of discussions regarding potential offsite and downgradient receptors during a 2 November 1999 meeting with the ACHA and RWQCB, ETIC performed a door-to-door well survey of 6 residences immediately downgradient of the Nestle site. The initial door-to-door well survey was conducted on 3 March 2000. A follow-up visit to residents who were not at home during the first well survey was conducted by ETIC on 22 March 2000.

During these door-to-door well surveys, no water supply wells were found on the properties at which ETIC was able to speak directly with property owners. ETIC employees spoke with property owners at 2 of the identified residences. At residences where property owners were not available, pre-stamped water well survey cards were left so that questions regarding water supply wells could be answered and the survey cards mailed back to ETIC. No well survey cards were received from the other four residences.

In addition, ETIC investigated the possible existence of an industrial supply well at 1614 Campbell Street (formerly occupied by General Electric). ETIC employees spoke with Walt Davis, General Manager of Western Nonwovens, Inc., which currently occupies the 1614 Campbell Street site. Mr. Davis stated that he had worked at the site since the early 1950s, and he was unaware of any industrial supply wells on the property.

Complete documentation of the well survey activities, with location maps and photographs for the visited properties, is included as Appendix I.

**Deeper Drinking Water Aquifers:** No deeper drinking water aquifers are likely to be impacted by subsurface conditions found at the Nestle site. The Merritt Sand found beneath the Nestle site is underlain by the Alameda Formation. The upper portion of the Alameda Formation is composed of sandy and silty clay and because of its low permeability and thickness is generally considered to be an aquitard separating the overlying Merritt Sand and other deposits from the underlying sands and gravels of the Alameda Formation (ACFCD 1988).

**Surface Water:** There is no surface water found within 1 mile of the site.

**Other Sensitive Receptors:** No other sensitive receptors could be identified within 1 mile of the site.

#### **5. The site presents no significant risk to human health.**

The following is a summary of the risk assessment that has been conducted for current site conditions. The detailed risk assessment is included as Appendix B.

The site conceptual model assumed that the following exposure scenarios corresponding to relevant human receptors are complete (Figure 43):

- Ingestion, inhalation, and dermal contact with surface soils (onsite industrial/commercial worker);
- inhalation of volatile emissions from subsurface soils to indoor air (onsite industrial/commercial worker);
- inhalation of volatile emissions from subsurface soils to ambient air (onsite industrial/commercial worker);
- inhalation of volatile emissions from groundwater to ambient air (onsite industrial worker);
- inhalation of volatile emissions from groundwater to indoor air (onsite industrial/commercial worker);
- inhalation of volatile emissions from groundwater to indoor air (offsite residents);
- inhalation of volatile emissions from groundwater to ambient air (offsite residents); and
- inhalation, ingestion, and dermal contact with soils (daily onsite workers).

The exposure route of inhalation of vapors by offsite residents was also evaluated as a future scenario. Based on development of a conceptual site model and results of the preliminary RBCA analysis, the following conclusions were developed with regard to future action at the deed-restricted portion of the former Nestle site (Appendix B):

- Human receptors subject to potential exposure to site contaminants include onsite industrial/commercial workers and offsite residents.
- Tier I RBCA results indicate source concentrations for all chemicals of potential concern (COPCs) are protective of the corresponding Risk-Based Screening Levels for direct exposure to surface soils by onsite commercial or industrial receptors.
- Tier I RBCA results indicate source concentrations for all COPCs are protective of the corresponding Risk-Based Screening Levels for indirect exposure to outdoor air vapor emissions by onsite commercial or industrial receptors.
- Tier I RBCA results indicate that, with the exception of benzene and TPH-g, shallow soil vapor concentrations for all COPCs are protective of the corresponding Risk-Based Screening Levels for indoor air inhalation by onsite commercial or industrial receptors. Shallow soil vapor concentrations for benzene and TPH-g were subsequently analyzed using a Tier II RBCA analysis. Results of the Tier II RBCA analysis, which are compared to site-specific target levels (SSTLs), show benzene and TPH-g levels to be protective of the corresponding Tier II SSTL levels for indoor air inhalation by onsite commercial or industrial receptors.
- Tier I RBCA results indicate that, with the exception of benzene and 1,2-DCA, groundwater concentrations for all COPCs are protective of the corresponding Risk-Based Screening Levels for volatilization to indoor and outdoor air associated with offsite residential receptors. Groundwater concentrations for benzene and TPH-g were subsequently analyzed using a Tier II RBCA analysis. Results of the Tier II RBCA analysis, which are compared to SSTLs, show benzene and 1,2-DCA levels to be protective of the corresponding Tier II SSTL levels for indoor air inhalation by offsite residential receptors.
- Given the absence of onsite and nearby offsite wells, and the unlikelihood of future groundwater development in the vicinity of the site, direct ingestion of groundwater is assumed to be an incomplete pathway.

A complete listing and explanation of the assumptions and data used for these RBCA analyses is included in Appendix B.

## **6. The site presents no significant risk to the environment.**

As part of the investigation of potential risks associated with the Nestle site, RWQCB and ACHA requested that any potential terrestrial and avian habitats surrounding the site be investigated. An investigation of the surrounding land use and potential avian and terrestrial habitats indicated that the site is located in a mixed industrial/residential portion of west Oakland and does not provide a habitat capable of supporting significant terrestrial wildlife and avian communities.

## REFERENCES

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ACPWA (County of Alameda Public Works Agency). 1997. Well Inventory File (1 mile radius search for 1310 14<sup>th</sup> Street, Oakland, California). ACPWA, Hayward, California. November.

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Radbruch. 1957. Areal and Engineering Geology of the Oakland West Quadrangle, California, U.S. Geological Survey, Miscellaneous Geologic Investigations, Map I-239. (as cited in Dames & Moore 1988, Site Contamination Assessments, Carnation Dairy Facility, 1310 14<sup>th</sup> Street, Oakland, CA; and Carnation Distribution Center, 891 Laurelwood Road, Santa Clara, CA, 2 August).

## Figures

AREA FOR WHICH ENVIRONMENTAL RESTRICTIONS APPLY

16TH STREET



15TH STREET (VACATED)

14TH STREET



FILENAME: BLOCKPLAN.DWG 10/13/00

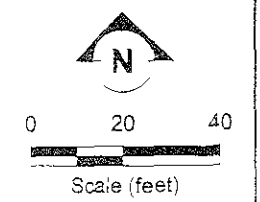


FORMER NESTLE FACILITY (CARNATION DAIRY FACILITY) SHOWING NORTHWEST SECTION FOR WHICH ENVIRONMENTAL RESTRICTIONS APPLY, NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE:

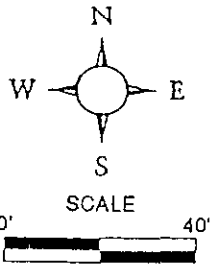
1

- LEGEND:**
- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
  - WELL OF UNKNOWN CONSTRUCTION
  - ⊙ SOIL BORING LOCATION (INSTALLED JULY 1999)
  - REMEDIATION SYSTEM VACUUM PIPING



**ETIC** Engineering, Inc. SITE PLAN SHOWING THE NORTHWEST PORTION OF THE PROPERTY, EXISTING BUILDING, AND LOCATIONS OF FORMER USTs AND UNDERGROUND PIPING, NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA





**LEGEND**

- 0'-1' OF FREE PRODUCT
- 1'-2' OF FREE PRODUCT
- GROUNDWATER MONITORING WELLS
- 2 INCH WELLS INSTALLED BY PREVIOUS CONSULTANTS FOR PRODUCT RECOVERY
- CONTROL ZONE: 4" BRASS GATE VALVE
- 4" SCH 40 PVC PIPE ( VACUUM LINES)
- THERMAL OXIDIZER VAPOR EXTRACTION SYSTEM

NOTE:  
ADDITIONAL WELLS EXIST ON SITE

**LAYOUT OF VAPOR EXTRACTION SYSTEM**  
 NOVEMBER 4, 1993  
 NESTLE/CARNATION  
 1310 14TH STREET  
 OAKLAND, CALIFORNIA  
 PROJECT # 5008-J11  
 5008-J11-3

16TH STREET

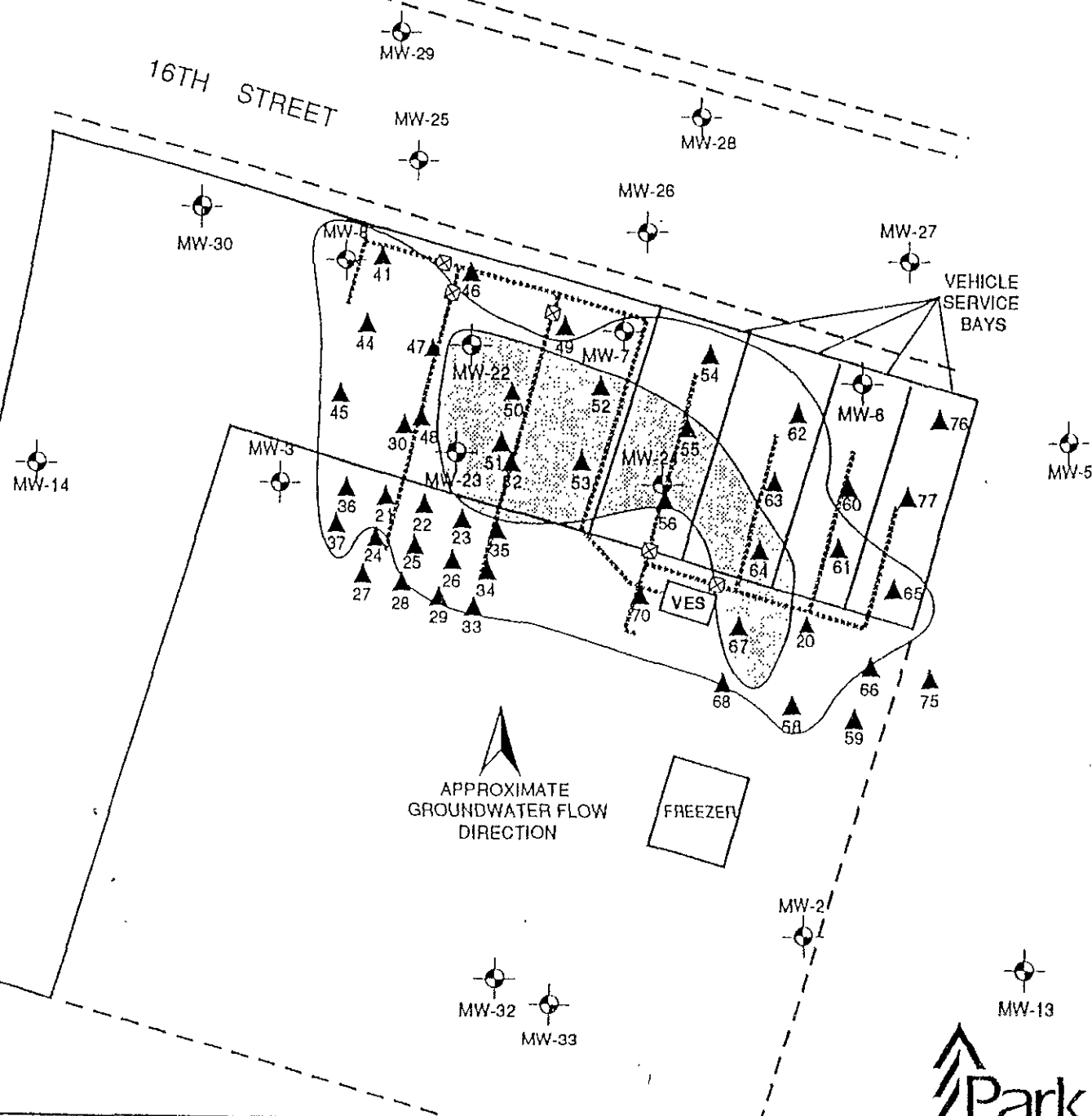


Figure 3

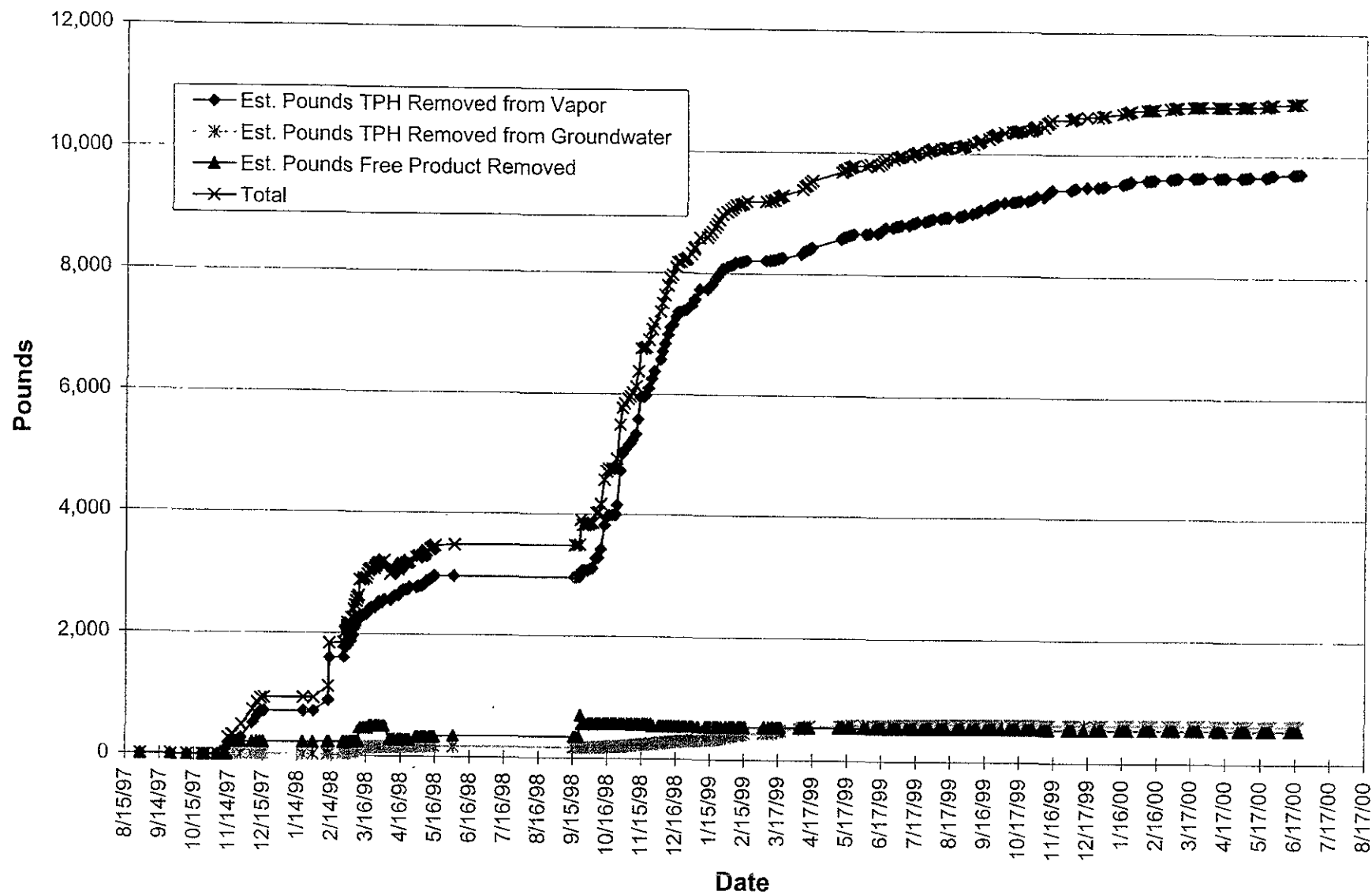


Figure 4: Total Pounds of Hydrocarbons Removed from Nestle Oakland Facility.  
 F:/Projects/Nestle Oakland/Public/O+M/O&table.xls

Liquid Phase Hydrocarbon Monitoring Results	1/4/93	2/24/93	3/18/94	6/2/94	8/31/94	12/22/94	3/13/95	6/9/95	7/27/95	9/22/95	12/28/95	2/27/96	2/29/96	6/20/96	8/30/96	9/18/96	10/4/96	10/11/96	10/18/96	10/22/96	11/22/96	12/6/96	12/17/96	12/21/96	1/3/97	1/14/97	2/10/97	2/17/97	2/28/97	3/7/97	3/14/97	3/28/97	4/11/97	4/17/97	4/25/97	5/2/97	5/9/97			
Total number of wells monitored for LPH	28	30	21	35	37	37	36	37	29	36	35	40	16	39	39	37	4	5	4	4	4	4	4	4	4	3	4	4	4	4	3	4	4	4	4	4	4	4		
Total number of dry wells	0	0	0	0	0	0	0	1	2	7	3	5	0	7	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wells containing no detectable LPH	0	2	2	11	13	12	25	22	5	14	19	19	1	12	11	12	1	1	1	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Wells containing between a sheen and 0.01 ft. of LPH	0	0	1	0	1	4	0	0	8	0	0	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wells containing between 0.02 and 0.09 ft. of LPH	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Wells containing between 0.10 and 0.99 ft. of LPH	18	13	7	15	21	10	6	8	9	9	13	7	11	6	14	15	3	4	2	1	1	1	1	2	2	0	2	2	2	2	1	1	1	1	2	1	2	2	2	
Wells containing 1.0 ft. or greater of LPH	10	14	11	9	2	11	4	5	5	6	0	9	3	10	5	2	0	0	0	0	0	0	1	1	0	0	1	1	1	1	2	1	1	2	1	2	1	1	1	

Figure 5. LPH Thickness in Monitoring Wells. Nestle Oakland Facility, 1310 14th Street, Oakland, California.  
Page 1

Liquid Phase Hydrocarbon Monitoring Results	5/16/97	6/6/97	7/8/97	2/10/98	3/4/98	3/18/98	4/6/98	4/17/98	5/18/98	8/31/98	11/2/98	1/7/99	2/25/99	3/29/99	5/7/99	6/1/99	6/11/99	6/25/99	7/9/99	7/23/99	8/6/99	8/23/99	9/7/99	9/20/99	10/4/99	10/25/99	11/8/99	12/1/99	12/20/99	1/17/00	2/7/00	2/28/00	3/20/00	4/10/00	5/1/00	5/22/00	6/12/00	
Total number of wells monitored for LPH	4	4	56	27	47	15	49	49	48	32	42	27	63	36	56	50	52	55	55	51	52	53	46	51	46	39	42	43	41	42	40	38	42	41	41	41	39	
Total number of dry wells	0	0	15	0	0	0	0	4	0	3	9	2	2	2	5	4	4	5	5	3	2	6	3	5	2	4	5	3	2	2	0	0	0	0	0	0	0	
Wells containing no detectable LPH	1	1	21	12	25	14	32	41	31	13	27	20	50	22	45	39	42	42	40	37	40	35	31	36	34	22	24	31	35	30	36	36	39	36	38	35	38	
Wells containing between a sheen and 0.01 ft. of LPH	0	0	1	0	4	0	3	1	1	2	1	0	4	3	0	0	0	1	6	1	2	3	2	2	4	3	7	7	3	6	3	1	2	3	2	2	0	
Wells containing between 0.02 and 0.09 ft. of LPH	0	0	2	1	2	0	1	0	0	1	0	0	1	3	0	0	1	1	0	4	0	1	3	1	1	4	1	0	0	0	0	0	0	0	1	0	1	0
Wells containing between 0.10 and 0.99 ft. of LPH	2	2	12	6	11	1	7	3	11	12	5	5	6	6	5	7	5	6	4	6	8	8	7	7	5	6	5	2	1	4	1	1	1	1	1	3	1	
Wells containing 1.0 ft. or greater of LPH	1	1	5	8	5	0	6	0	5	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Figure 5 LPH Thickness in Monitoring Wells, Nestle Oakland Facility, 1310 14th Street, Oakland, California  
Page 2

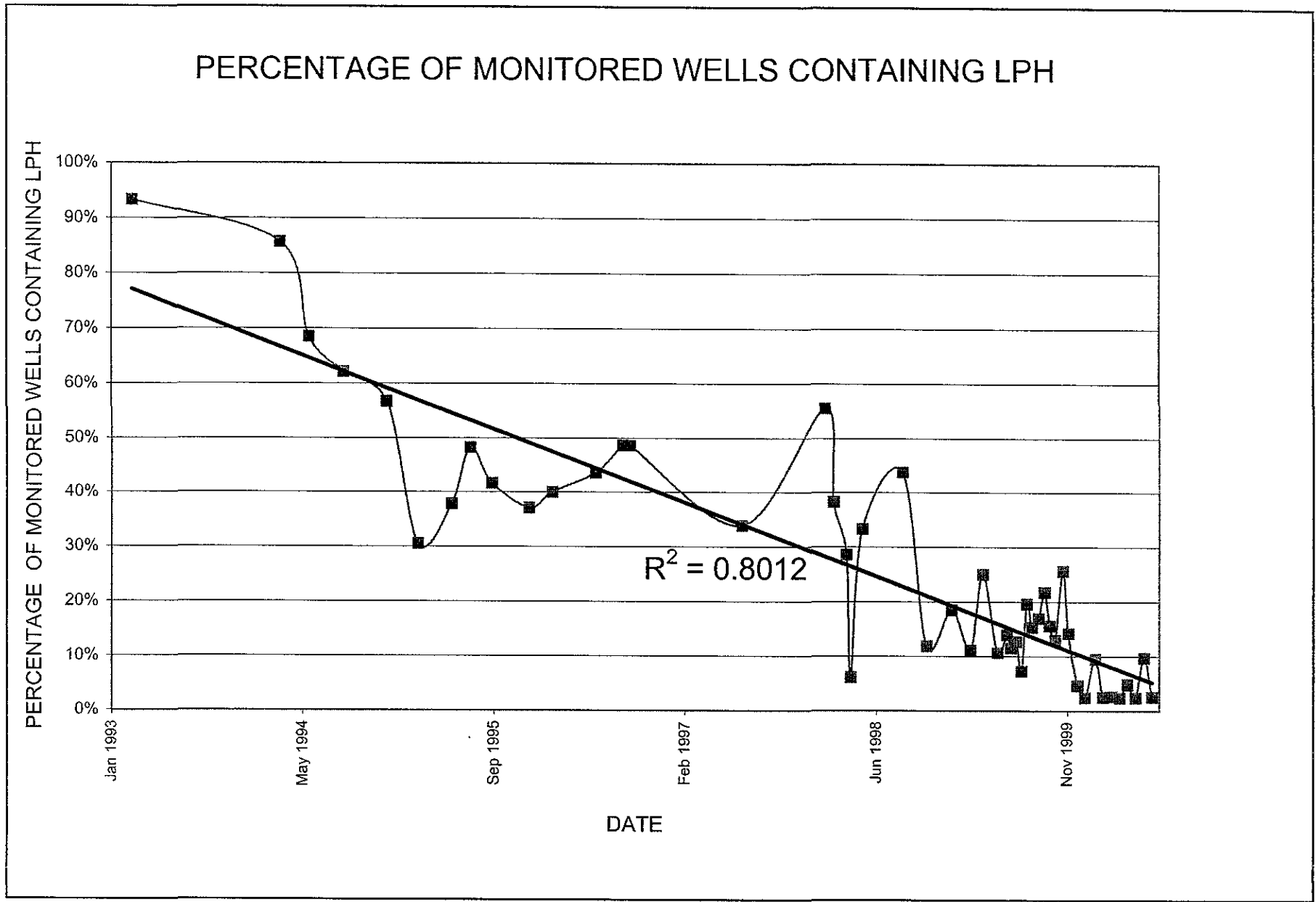


Figure 6 - Trends in the number of wells containing LPH, Nestle Facility, 1310 14th Street, Oakland, California

*This means nothing.*

Sum of LPH Thickness in 6 Wells: MW-23, MW-24, PR-48, PR-58, PR-61, and PR-64

*only by well with 1993 1'-2' free product zone*

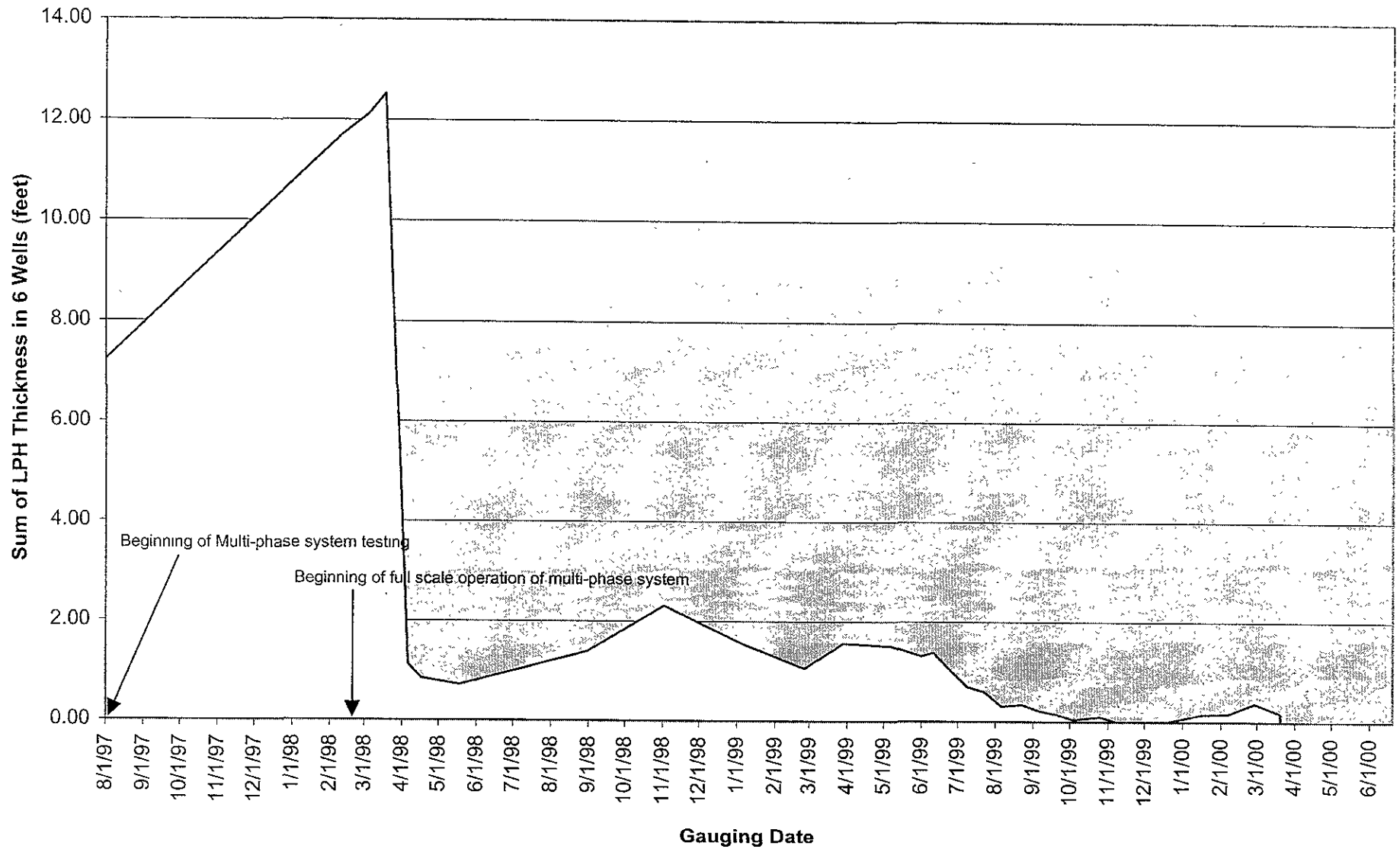
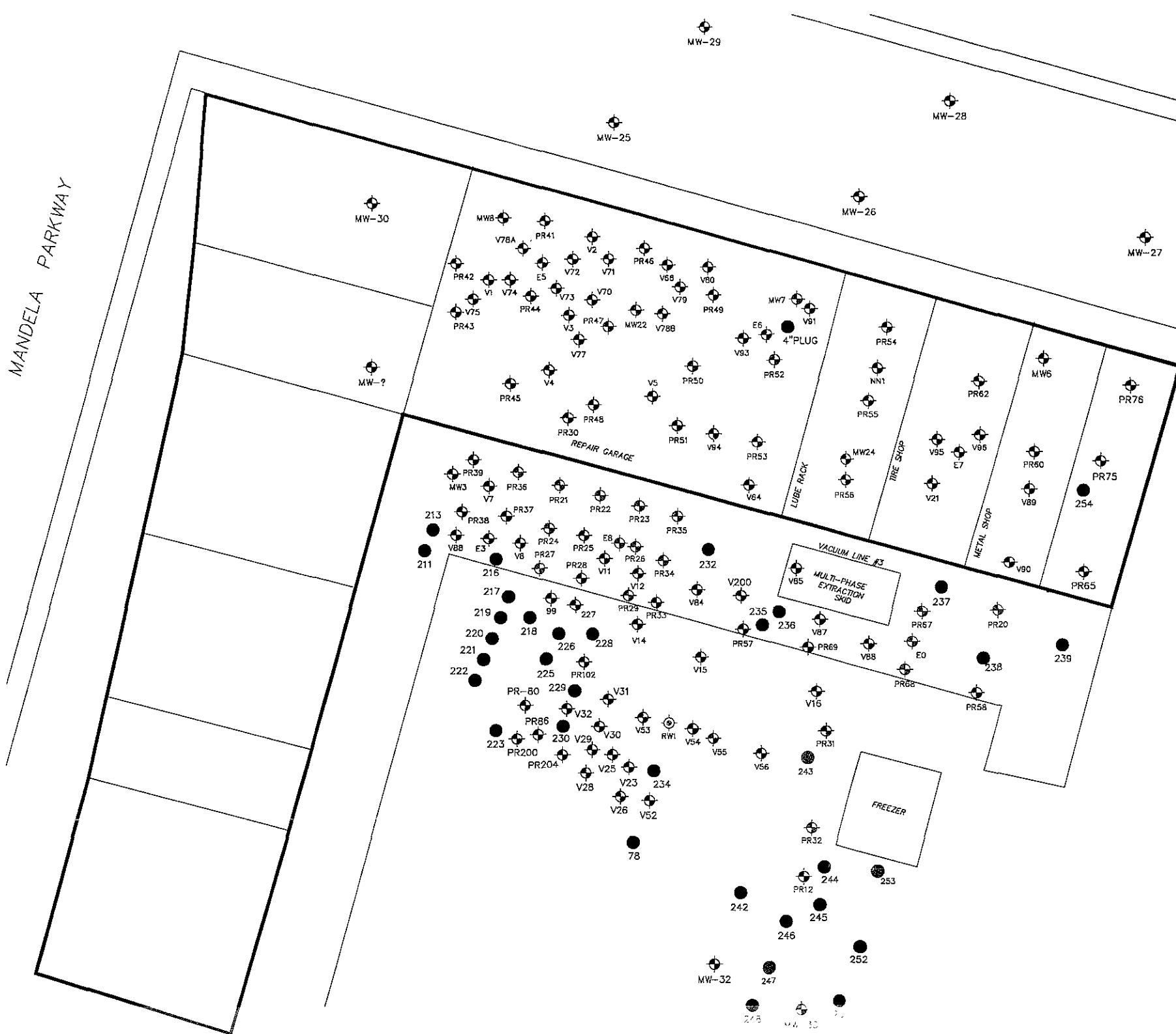


Figure 7: Sum of LPH Thickness in 6 wells, Nestle Facility, 1310 14th Street, Oakland, California.

MANDELA PARKWAY

16TH STREET

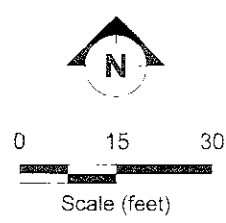


**LEGEND:**

- ◆ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- DRY WELLS
- MONITORED WELLS HAVING NO DETECTABLE NAPL
- WELLS CONTAINING BETWEEN SHEEN-0.01 FEET OF NAPL
- WELLS CONTAINING BETWEEN 0.02-0.09 FEET OF NAPL
- WELLS CONTAINING BETWEEN 0.10-0.99 FEET OF NAPL
- WELLS CONTAINING 1.0 OR GREATER FEET OF NAPL

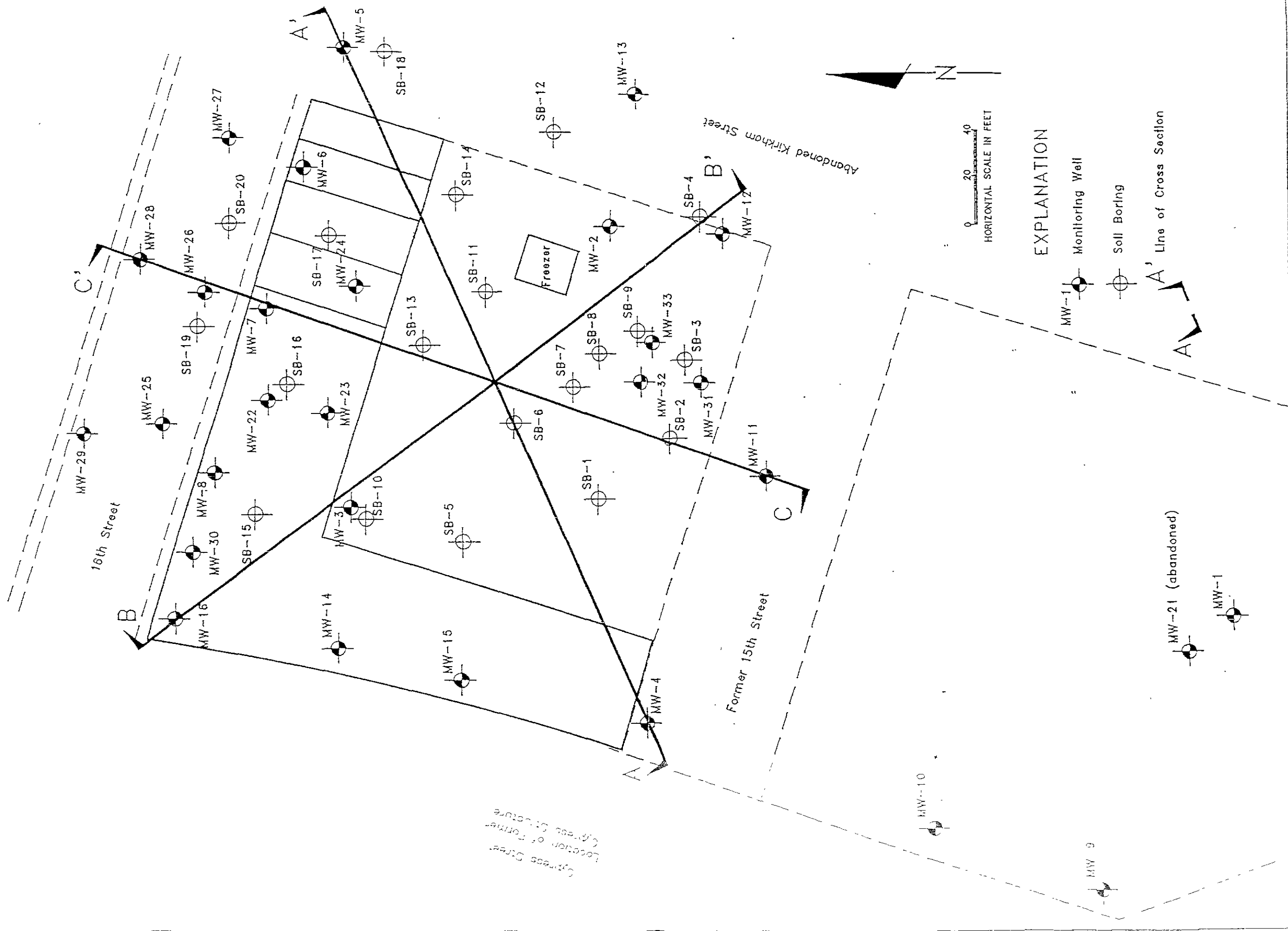
**NAPL MONITORING RESULTS**

TOTAL WELLS MONITORED	43
DRY WELLS	0
MONITORED WELLS HAVING NO DETECTABLE NAPL	29
WELLS CONTAINING BETWEEN SHEEN-0.01 FEET OF NAPL	8
WELLS CONTAINING BETWEEN 0.02-0.09 FEET OF NAPL	3
WELLS CONTAINING BETWEEN 0.10-0.99 FEET OF NAPL	3
WELLS CONTAINING 1.0 OR GREATER FEET OF NAPL	0



SITE PLAN SHOWING DISTRIBUTION OF NAPL, 7 FEBRUARY 2000 - 12 JUNE 2000  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE



Harding Lawson Associates  
Engineering and  
Environmental Services

Locations of Geologic Cross Sections  
Carnation Facility  
Oakland, California

DRAWN  
RWS

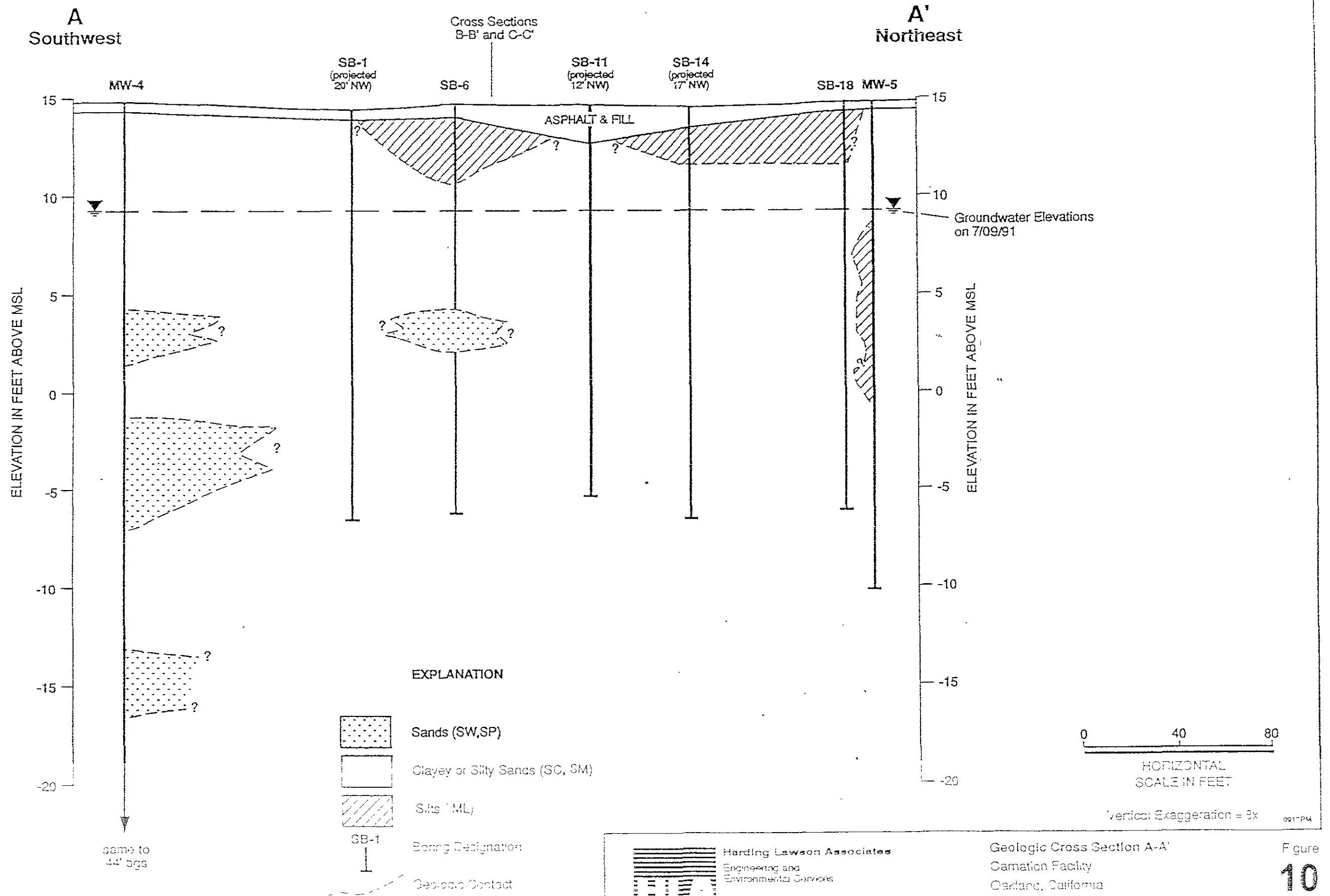
JOB NUMBER  
20294.011.02

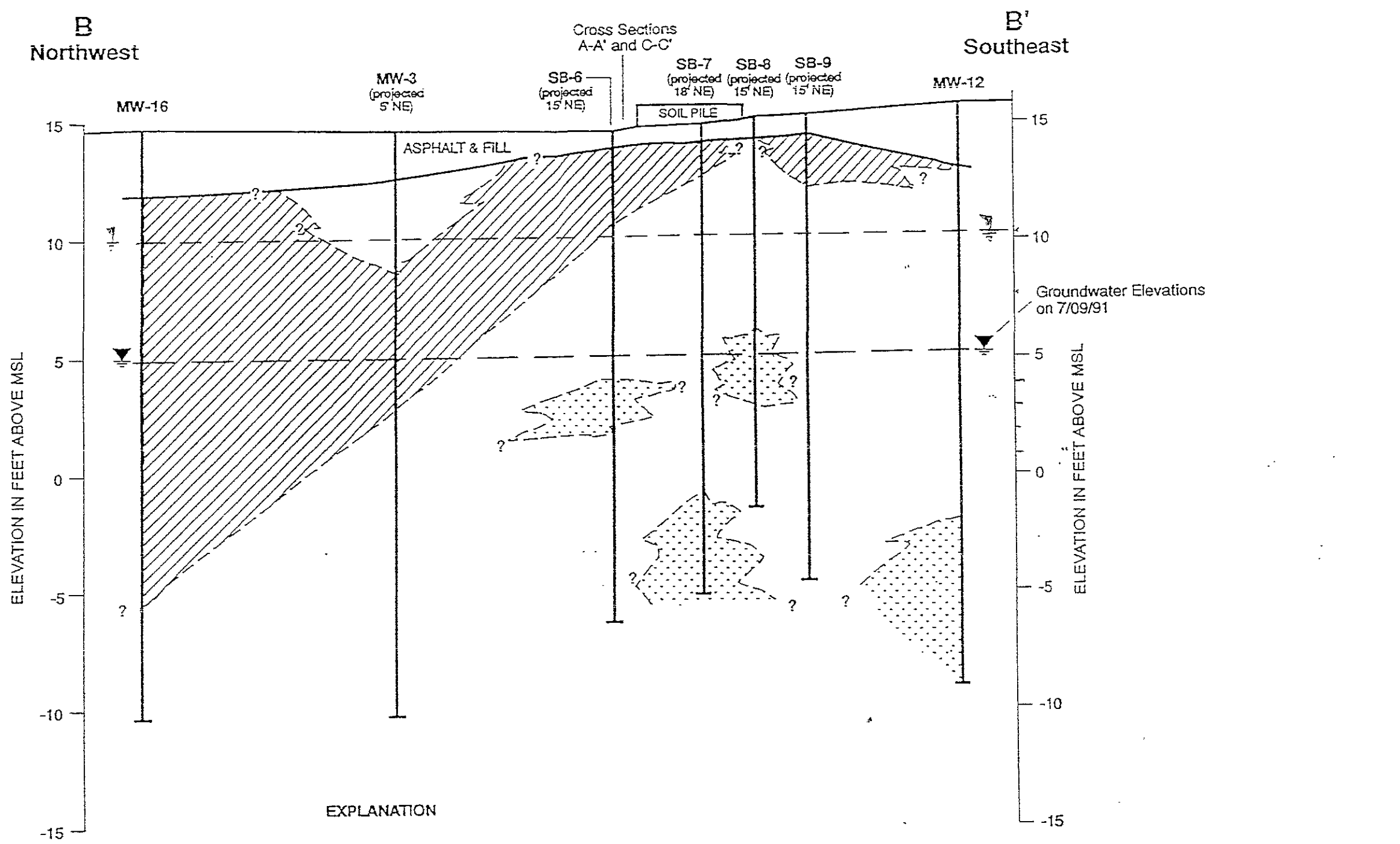
APPROVED  
O. J. CRAWFORD

DATE  
8/91



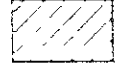


REVISED DATE

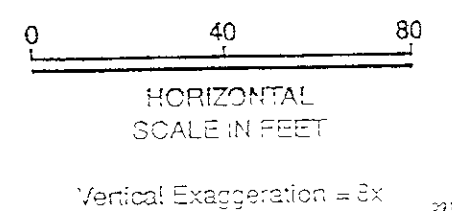



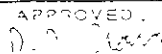


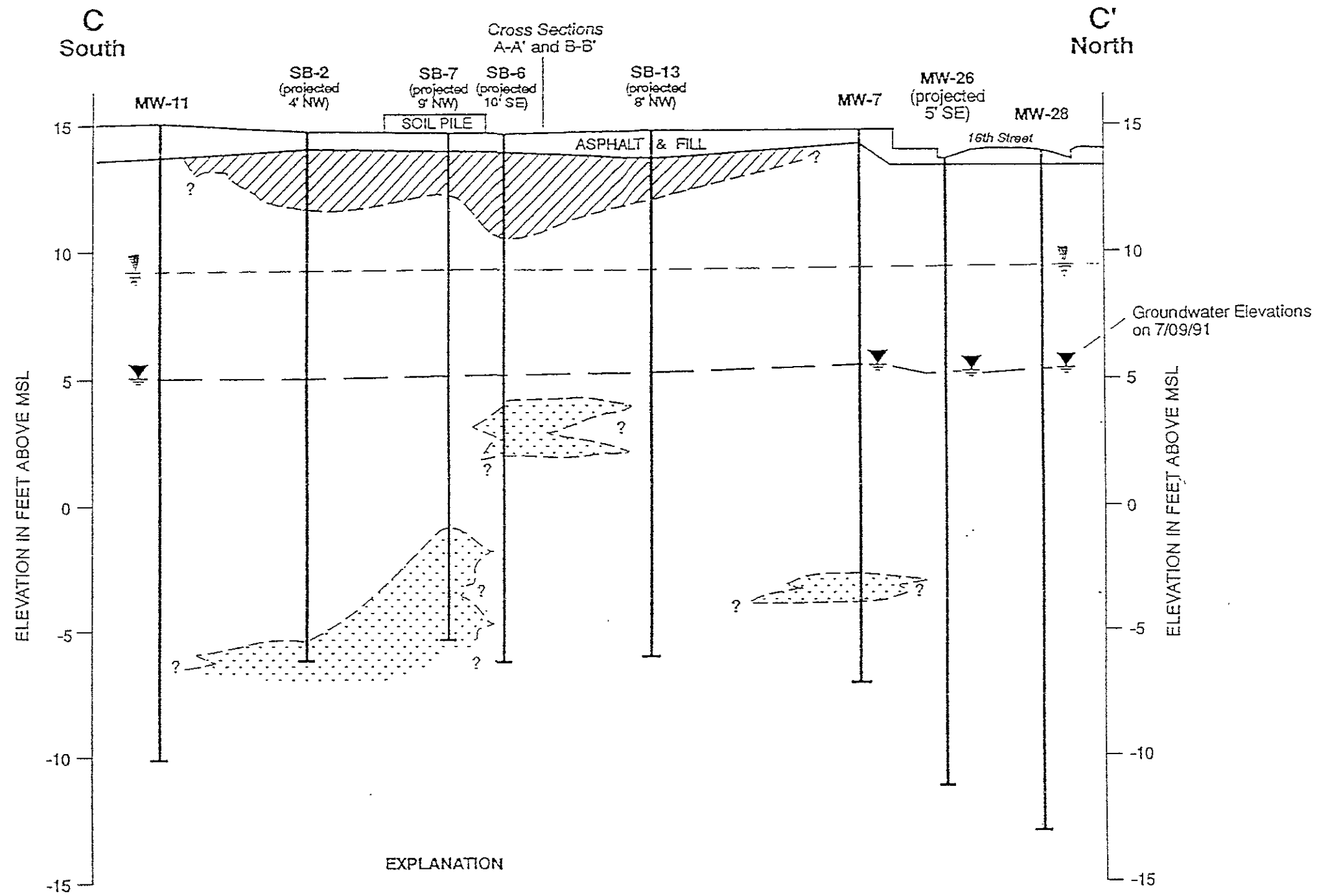


EXPLANATION

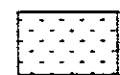

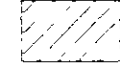
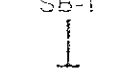

-  Sands (SW,SP)
-  Clayey or Silty Sands (SC, SM)
-  Silt & ML
-  Boring Designation
-  Geologic Contact

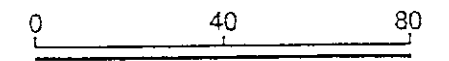


	Harding Lawson Associates Engineering and Environmental Services	Geologic Cross Section B-B' Camation Facility Oakland, California	Figure <b>11</b>
	DRAWN PMC	JOB NUMBER 00294 011.02	APPROVED 



EXPLANATION

-  Sands (SW,SP)
-  Clayey or Silty Sands (SC, SM)
-  Silts (ML)
-  Soil Pile
-  Groundwater Contour



HORIZONTAL SCALE IN FEET

Vertical Exaggeration = 8x



Harding Lawson Associates  
Engineering and  
Environmental Services

Geologic Cross Section C-C'  
Camaron Facility  
Oakland, California

Figure  
**12**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
PMc	20004-011.02	<i>[Signature]</i>	2.91	

**LEGEND:**

- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION

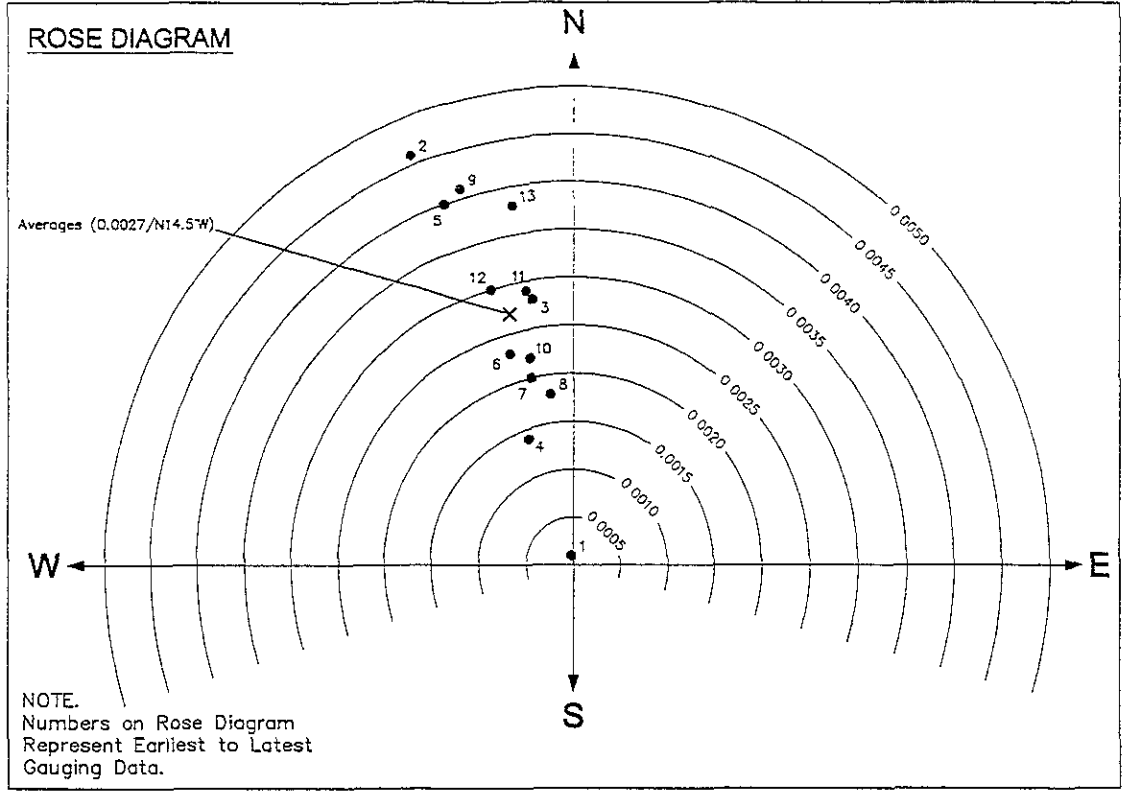
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(6.78) GROUNDWATER ELEVATION

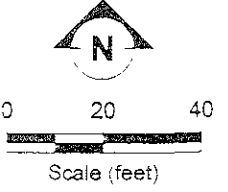
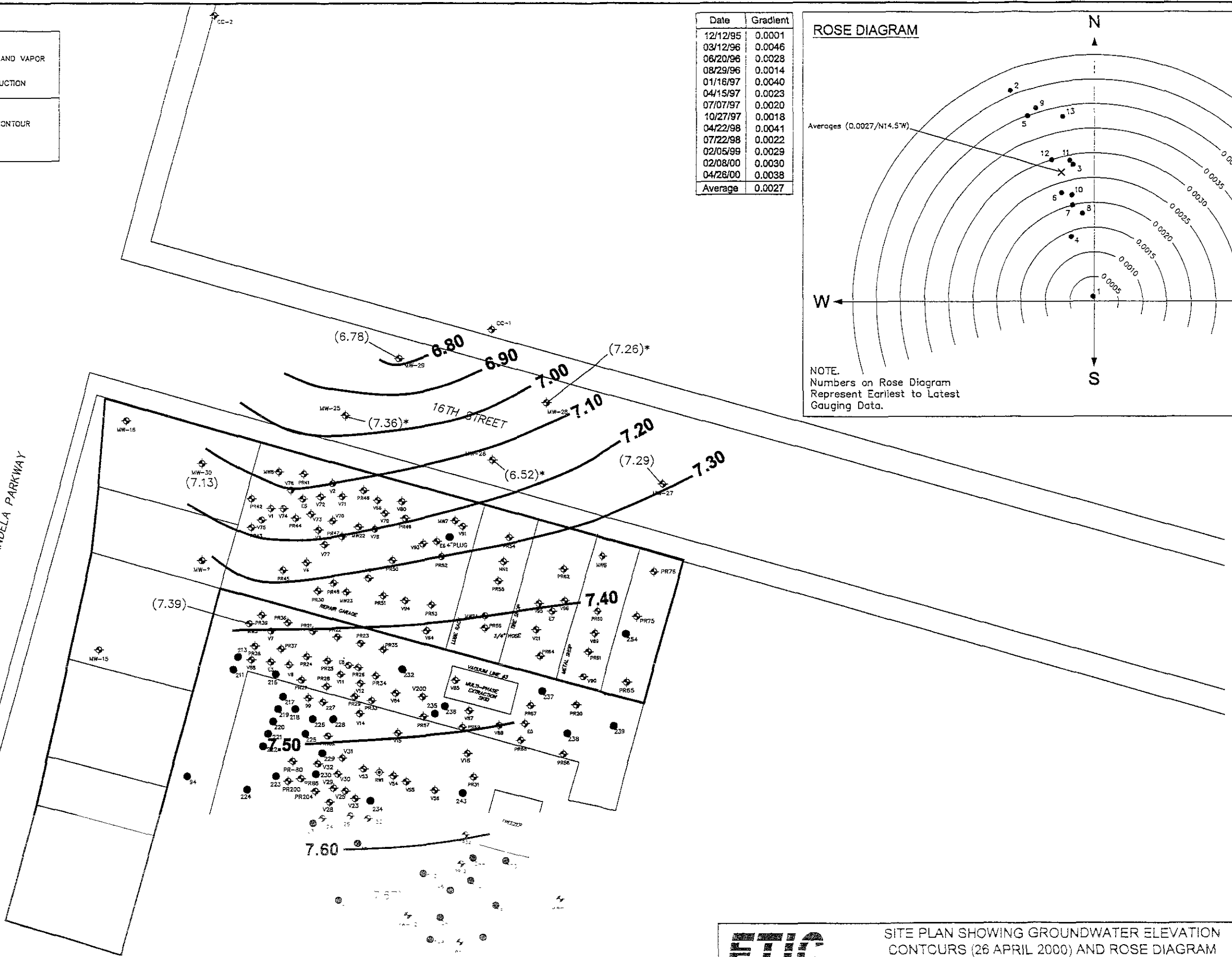
— GROUNDWATER ELEVATION CONTOUR (dashed where inferred)

\* NOT USED TO DETERMINE GROUNDWATER GRADIENT

Date	Gradient
12/12/95	0.0001
03/12/96	0.0046
06/20/96	0.0028
08/29/96	0.0014
01/16/97	0.0040
04/15/97	0.0023
07/07/97	0.0020
10/27/97	0.0018
04/22/98	0.0041
07/22/98	0.0022
02/05/99	0.0029
02/08/00	0.0030
04/26/00	0.0038
Average	0.0027



MANDELA PARKWAY

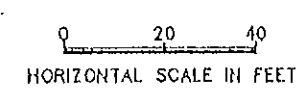
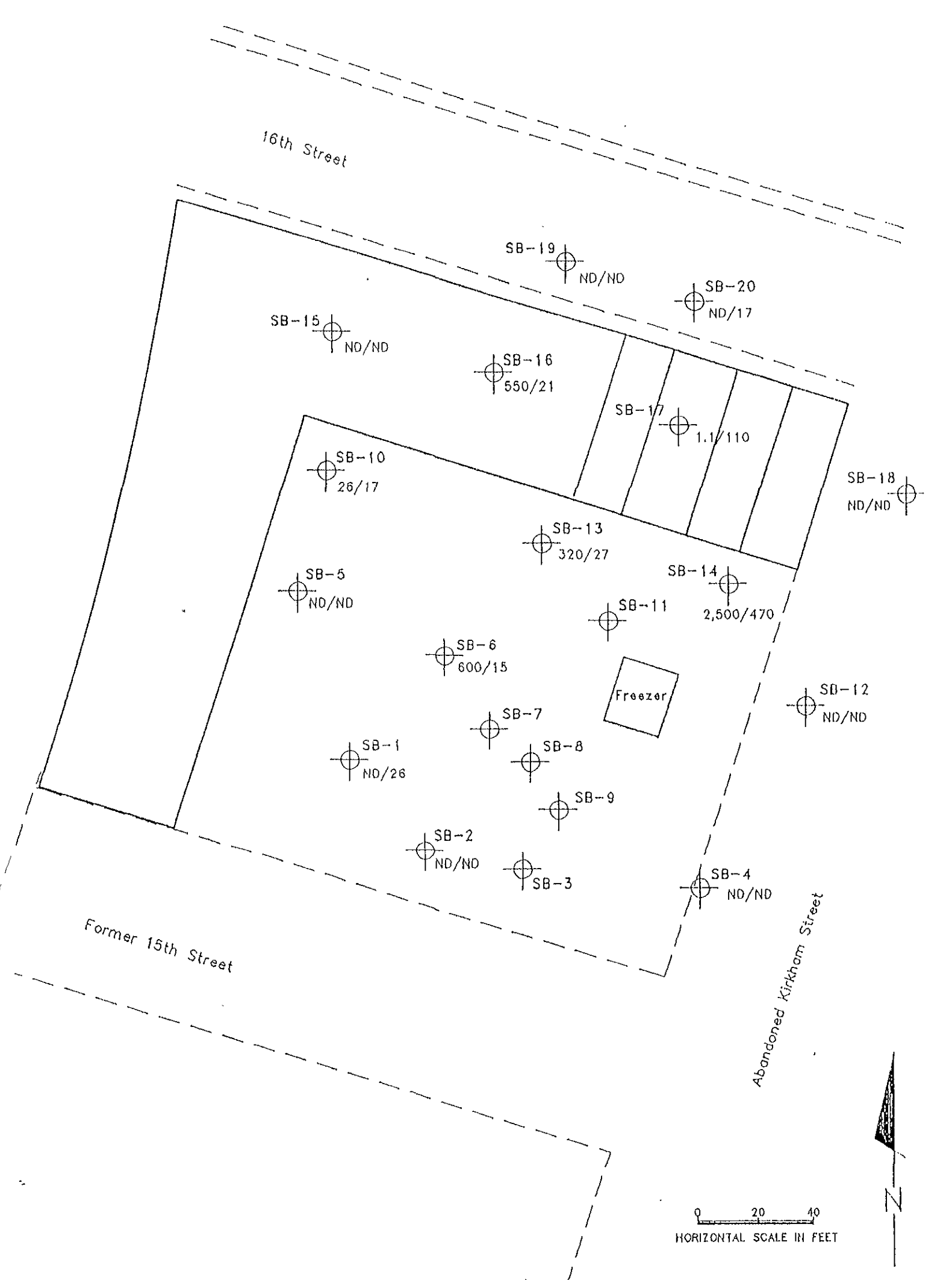


**ETIC**  
Engineering, Inc

SITE PLAN SHOWING GROUNDWATER ELEVATION CONTOURS (26 APRIL 2000) AND ROSE DIAGRAM (DECEMBER 1995-APRIL 2000), NESTLE OAKLAND FACILITY 1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE  
**13**

1. Direct Sample  
2. Location of Former  
3. Area of Structure



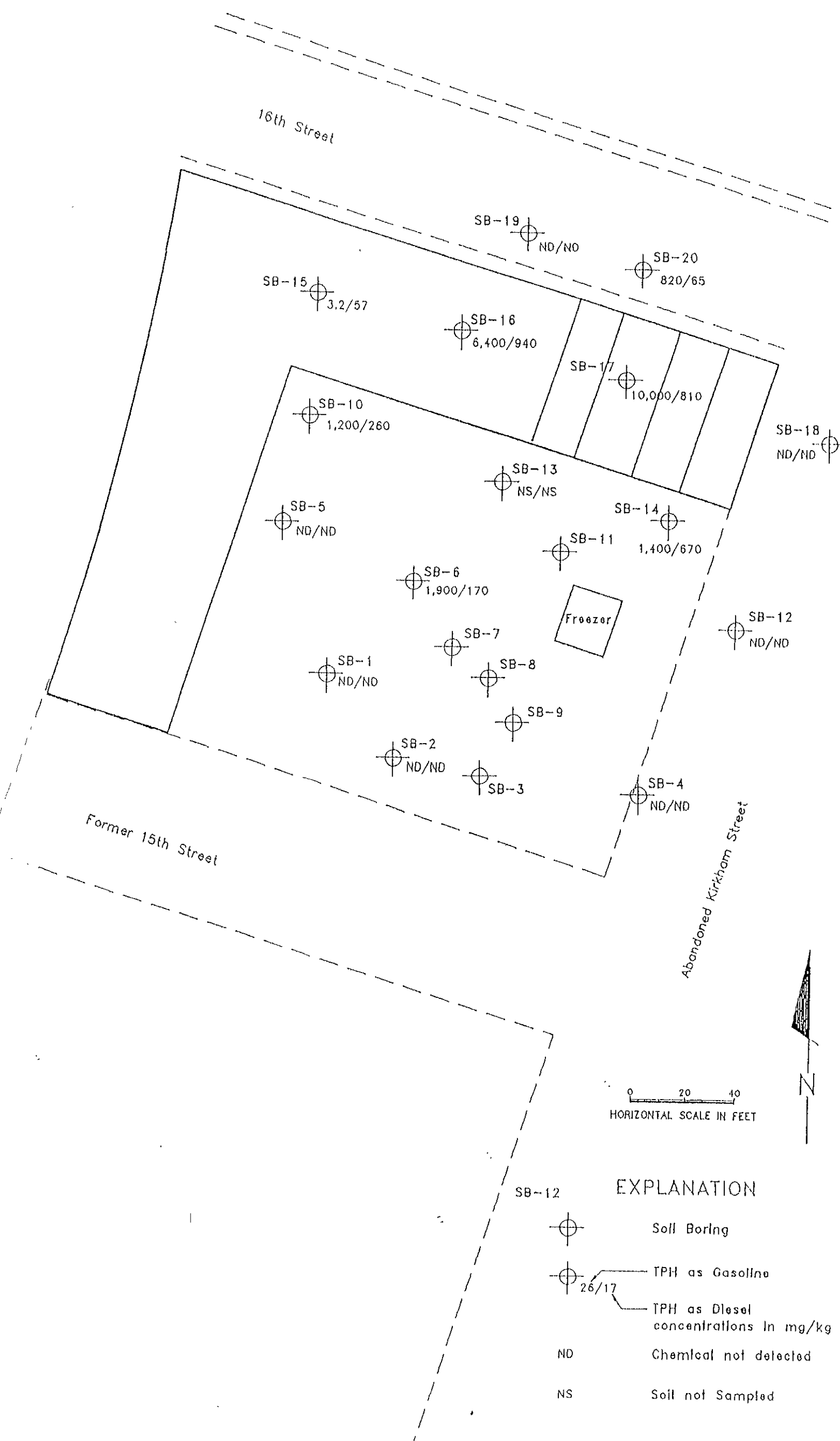
- EXPLANATION**
- SB-12 Soil Boring
  - TPH as Gasoline
  - TPH as Diesel concentrations in mg/kg
  - ND Chemical not detected

**Harding Lawson Associates**  
Engineering and Environmental Services

TPH in Soil at Approximately 5 Feet  
Carnation Facility  
Oakland, California

Figure **14**

16th Street  
 Former 15th Street  
 Abandoned Kirkham Street



0 20 40  
 HORIZONTAL SCALE IN FEET



SB-12

**EXPLANATION**

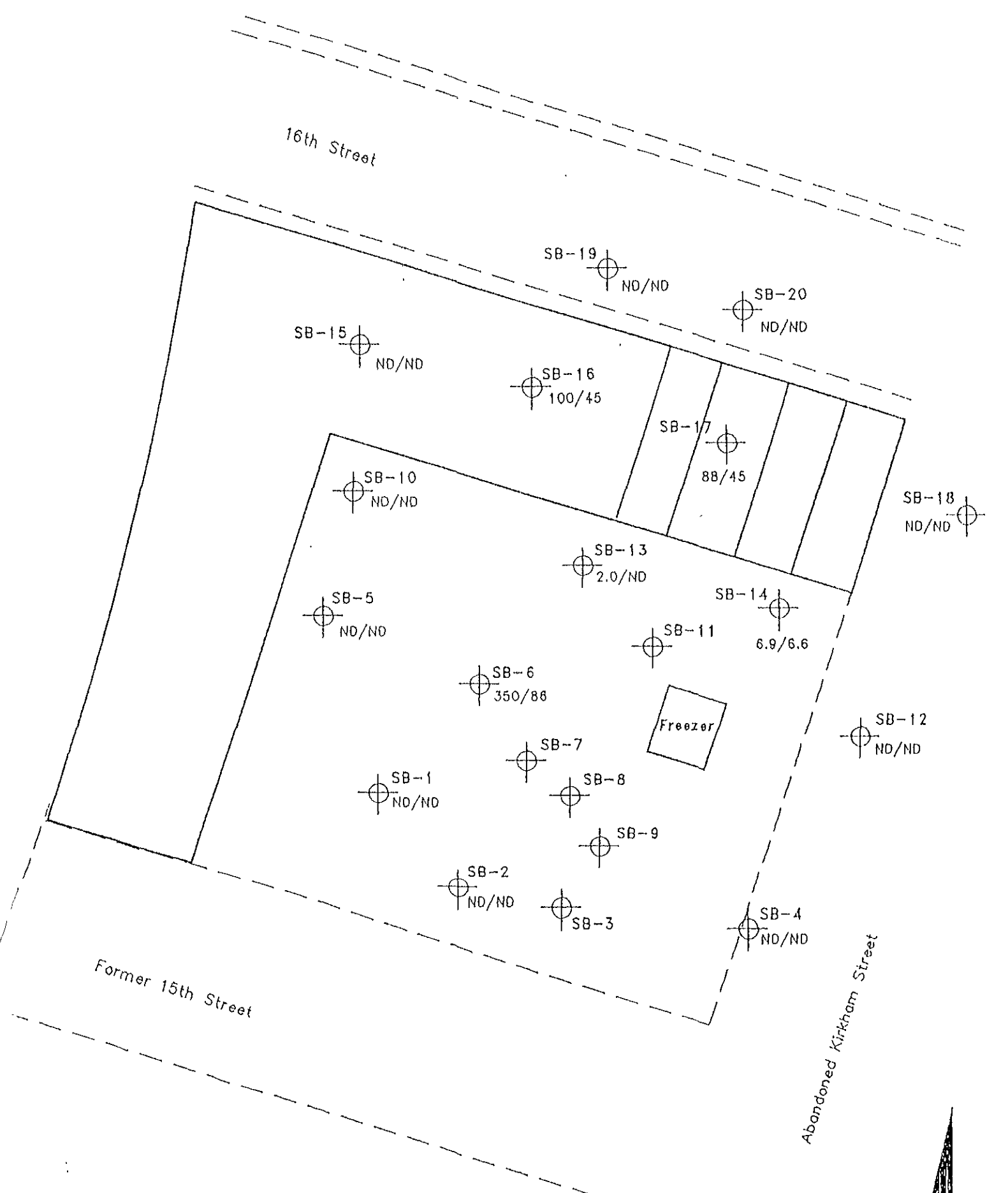
- Soil Boring
- TPH as Gasoline
- TPH as Diesel concentrations in mg/kg
- ND Chemical not detected
- NS Soil not Sampled

Harding Lawson Associates  
 Engineering and Environmental Services

TPH in Soil at Approximately  
 10 Feet  
 Carnation Facility  
 Oakland, California

Figure  
**15**

1/20 feet Street  
Section of Former  
Water Structure




0 20 40  
HORIZONTAL SCALE IN FEET



EXPLANATION

- SB-12 Soil Boring
- TPH as Gasoline
- TPH as Diesel concentrations in mg/kg
- ND Chemical not detected

 Harding Lawson Associates  
Engineering and Environmental Services

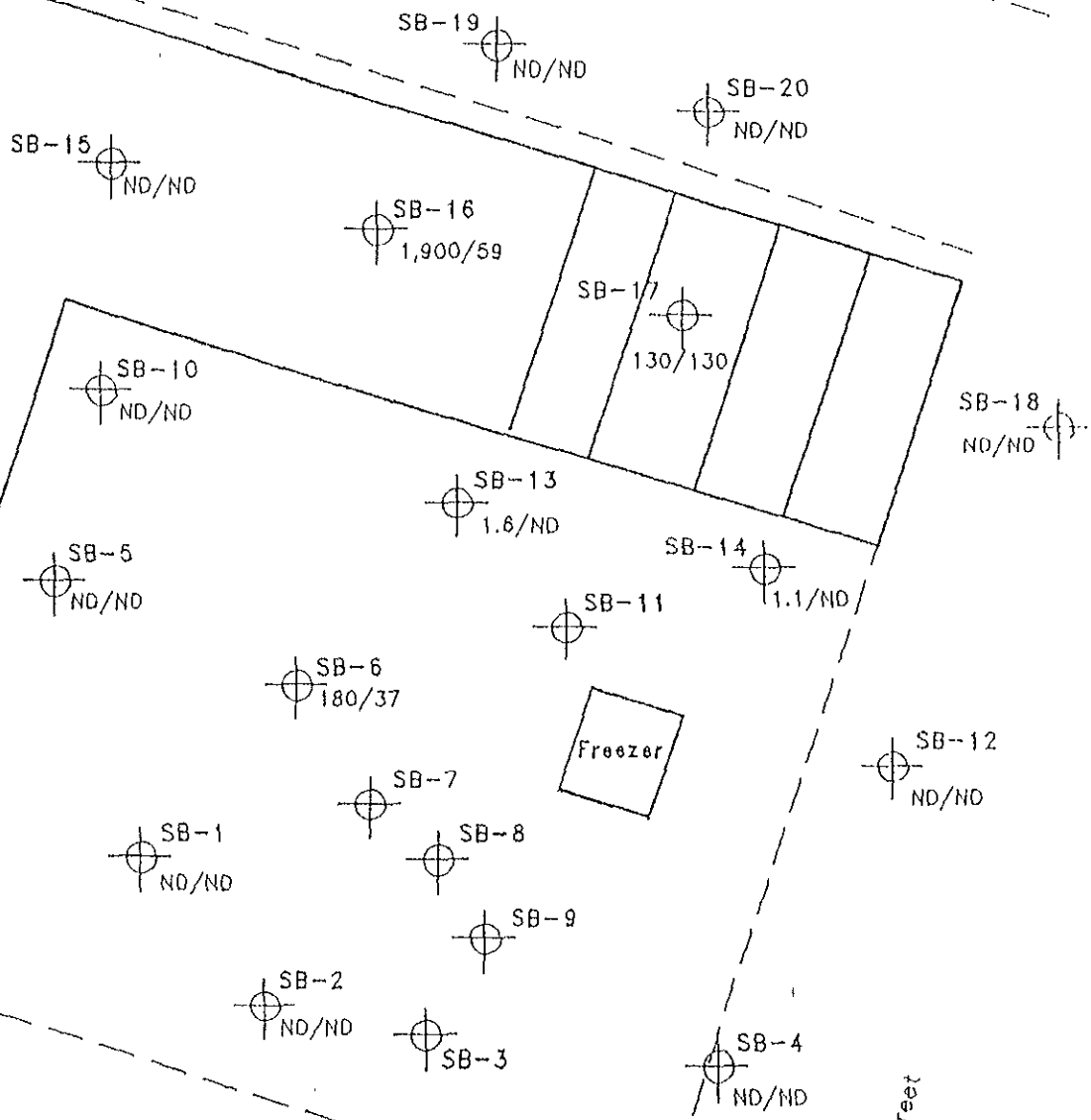
TPH in Soil at Approximately  
12.5 Feet  
Carnation Facility  
Oakland, California

Figure  
**16**

16th Street

Former 15th Street

Abandoned Kirkham Street



16th Street  
Location of "Center  
Square" structure

0 20 40  
HORIZONTAL SCALE IN FEET



EXPLANATION

- Soil Boring
- TPH as Gasoline
- TPH as Diesel concentrations in mg/kg
- ND Chemical not detected



Harding Lawson Associates  
Engineering and  
Environmental Services

TPH in Soil at Approximately  
15 Feet  
Carnation Facility  
Oakland, California

Figure  
**17**

DRAWN  
RWS

JOB NUMBER  
20294,011.02

APPROVED  
D.A. Chung

DATE  
8/91

REVISED DATE



**LEGEND:**

- ◆ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- SOIL BORING LOCATION (INSTALLED JULY 1999)
- REMEDIATION SYSTEM VACUUM PIPING

TPH-g Total Petroleum Hydrocarbons as gasoline  
 TPH-d Total Petroleum Hydrocarbons as diesel  
 1,2-DCB 1,2-Dichlorobenzene  
 1,3-DCB 1,3-Dichlorobenzene  
 1,4-DCB 1,4-Dichlorobenzene  
 1,2-DCA 1,2-Dichloroethane  
 MTBE Methyl tert-Butyl Ether

**NOTES:**  
 CONCENTRATIONS IN MICROGRAMS PER KILOGRAM (ug/kg), EXCEPT FOR TPH-g AND TPH-d, WHICH ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

**SB13, 3.5-4.0'**

Toluene	2.0
Ethylbenzene	2.7
Xylenes	2.7
TPH-g	0.63
TPH-d	390
1,2-DCA	2.5

**SB13, 6.5-7.0'**

Benzene	250
Toluene	48
Ethylbenzene	150
Xylenes	490
TPH-g	12
TPH-d	65
1,2-DCA	1.4

**SB6, 6.5-7.0'**

Benzene	76,000
Toluene	490,000
Ethylbenzene	170,000
Xylenes	990,000
TPH-g	10,100
TPH-d	1,100
1,2-DCA	430
MTBE	32

No Analytes Detected

No Analytes Detected

**SB12, 4.5-5.0'**

Benzene	70
Toluene	32
Ethylbenzene	4,000
Xylenes	6,700
TPH-g	496
TPH-d	2,900
Chlorobenzene	1.7
1,2-DCB	3,100
1,3-DCB	38
1,4-DCB	330
MTBE	14

**SB12, 6.5-7.0'**

Ethylbenzene	23
Xylenes	9.8
TPH-g	2.25
TPH-d	60
MTBE	0.6

**SB1, 3.5-4.0'**

TPH-d	1,200
-------	-------

**SB2, 6.5-7.0'**

1,2-DCA	1.0
---------	-----

**SB3, 3.5-4.0'**

1,2-DCA	0.7
---------	-----

**SB3, 6.5-7.0'**

Benzene	11,000
Toluene	190,000
Ethylbenzene	100,000
Xylenes	460,000
TPH-g	6,160
1,2-DCA	1.8
MTBE	73

**SB4, 6.5-7.0'**

Benzene	82
Toluene	8.5
Ethylbenzene	7.3
Xylenes	13
TPH-g	0.55
TPH-d	94
1,2-DCA	1.0

**SB5, 3.5-4.0'**

1,2-DCA	0.6
---------	-----

**SB5, 6.5-7.0'**

1,2-DCA	0.9
---------	-----

**SB14, 6.5-7.0'**

Benzene	560
Toluene	290
Ethylbenzene	330
Xylenes	1,700
TPH-g	28.5
TPH-d	450
1,2-DCA	9.7
MTBE	84

**SB9, 6.5-7.0'**

Benzene	24
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No Analytes Detected

**SB8, 6.5-7.0'**

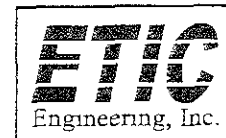
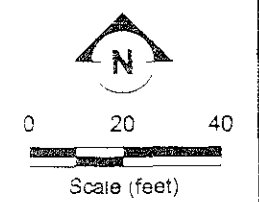
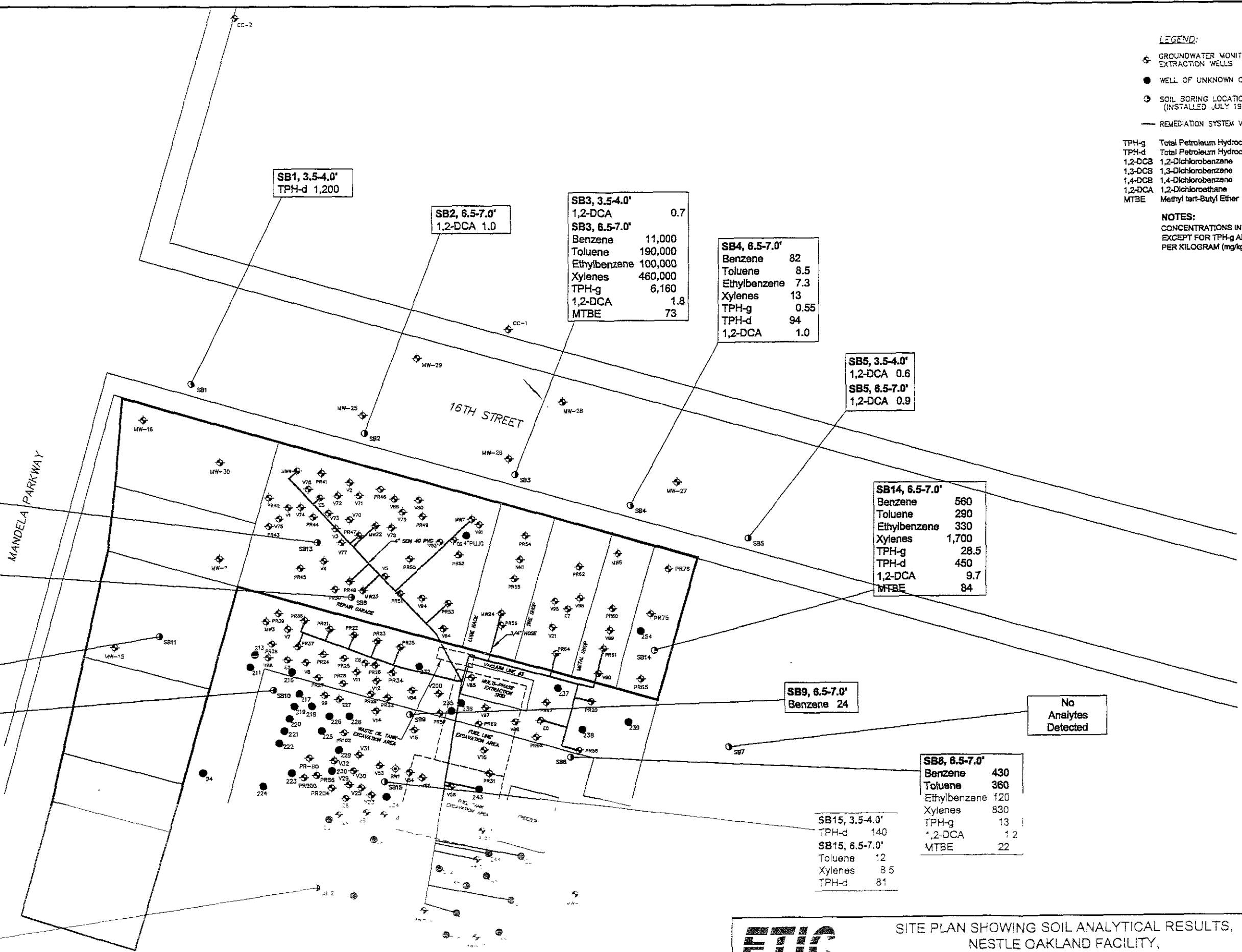
Benzene	430
Toluene	360
Ethylbenzene	120
Xylenes	830
TPH-g	13
1,2-DCA	1.2
MTBE	22

**SB15, 3.5-4.0'**

TPH-d	140
-------	-----

**SB15, 6.5-7.0'**

Toluene	12
Xylenes	8.5
TPH-d	81



SITE PLAN SHOWING SOIL ANALYTICAL RESULTS, NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA 12-13 AUGUST 1999

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	ND
MTBE	ND
1,2-DCA	0.7

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	250
MTBE	ND
HVOCs	ND

Benzene	130
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	200
TPH-d	5,950
MTBE	ND
1,2-DCA	0.7

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	ND
MTBE	18
1,1-DCA	51
1,2-DCA	38
1,1-DCE	4.2

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	ND
MTBE	12
1,1-DCA	61
1,2-DCA	38
1,1-DCE	5.2

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	ND
MTBE	ND
HVOCs	ND

Benzene	0.7
Toluene	ND
Ethylbenzene	0.6
Xylenes	ND
TPH-g	200
TPH-d	340
MTBE	22
1,1-DCA	7.5
1,2-DCA	39

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	ND
MTBE	1.5
1,2-DCA	50

Benzene	24,000
Toluene	14,000
Ethylbenzene	1,200
Xylenes	9,000
TPH-g	76,000
TPH-d	80,000
MTBE	300
1,2-DCA	1.6

Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	250
MTBE	ND
HVOCs	ND

Benzene	20,000
Toluene	2,200
Ethylbenzene	4,700
Xylenes	18,600
TPH-g	270,000
TPH-d	88,000
MTBE	ND
HVOCs	ND

Benzene	34,000
Toluene	30,000
Ethylbenzene	9,300
Xylenes	51,000
TPH-g	730,000
TPH-d	104,000
MTBE	340
HVOCs	ND

Benzene	19,000
Toluene	16,000
Ethylbenzene	1,800
Xylenes	13,900
TPH-g	130,000
TPH-d	78,000
MTBE	300
1,2-DCA	67

Benzene	25,000
Toluene	540
Ethylbenzene	2,000
Xylenes	710
TPH-g	38,000
TPH-d	12,500
MTBE	ND
HVOCs	ND

Benzene	30
Toluene	1.9
Ethylbenzene	ND
Xylenes	ND
TPH-g	100
TPH-d	550
MTBE	ND
HVOCs	ND

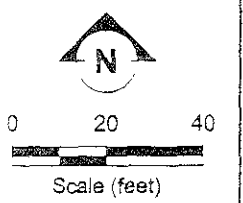
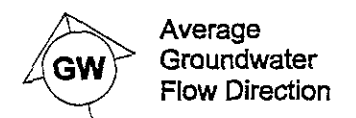
Benzene	ND
Toluene	ND
Ethylbenzene	ND
Xylenes	ND
TPH-g	ND
TPH-d	250
MTBE	ND
HVOCs	ND

Benzene	2,900
Toluene	510
Ethylbenzene	440
Xylenes	2,340
TPH-g	4,000
TPH-d	28,500
MTBE	ND
HVOCs	ND

Benzene	6.9
Toluene	ND
Ethylbenzene	6.4
Xylenes	ND
TPH-g	ND
TPH-d	250
MTBE	ND
1,1-DCA	4.3
1,2-DCA	0.9

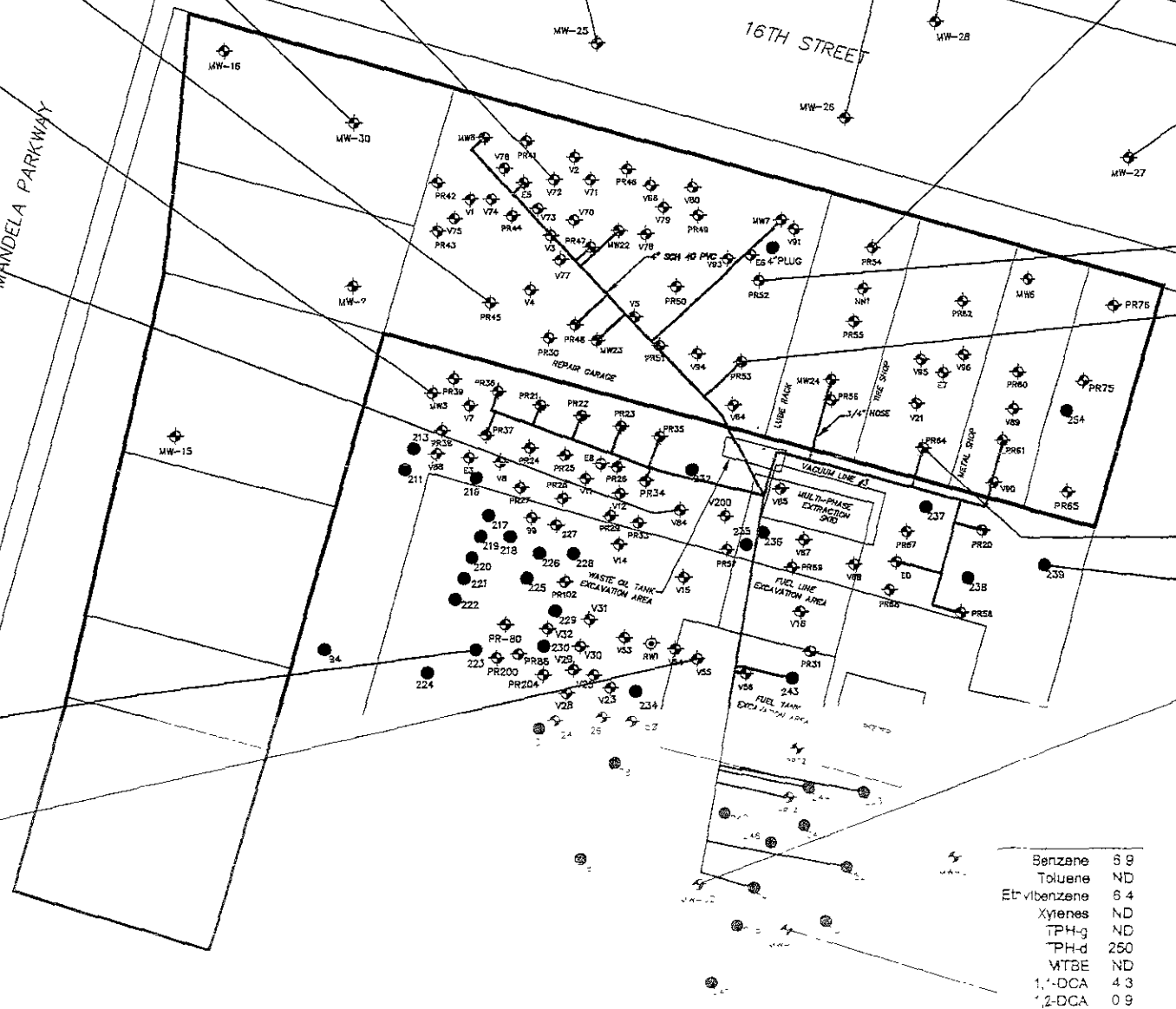
- LEGEND:**
- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
  - WELL OF UNKNOWN CONSTRUCTION
  - REMEDIATION SYSTEM VACUUM PIPING
- TPH-g Total Petroleum Hydrocarbons as gasoline  
 TPH-d Total Petroleum Hydrocarbons as diesel  
 MTBE Methyl t-butyl ether  
 1,1-DCA 1,1-Dichloroethane  
 1,2-DCA 1,2-Dichloroethane  
 1,1-DCE 1,1-Dichloroethane  
 HVOCs Halogenated Volatile Organic Compounds  
 ND Not Detected  
 NA Not Analyzed

**NOTES:**  
 1. CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L)



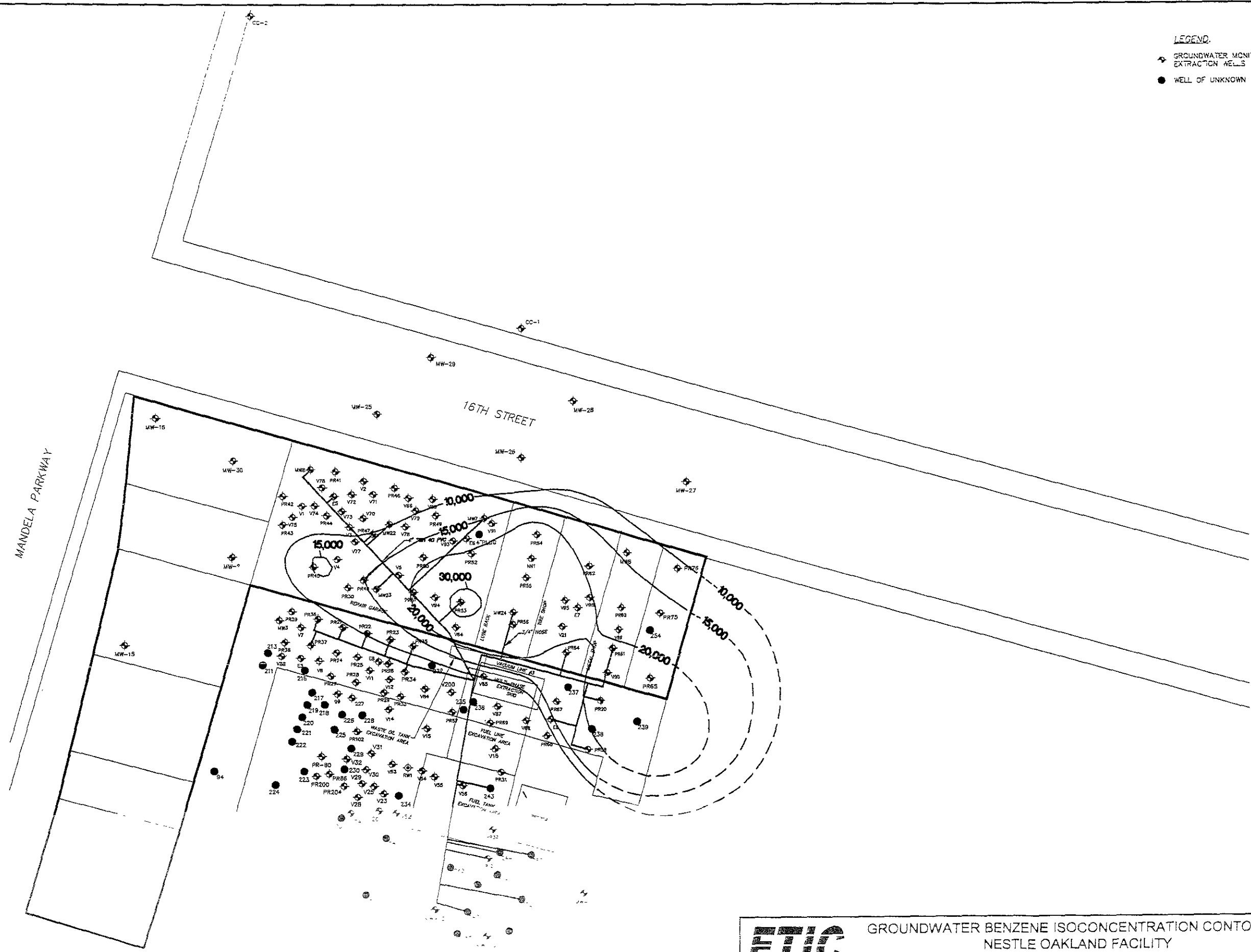
MANDELA PARKWAY

16TH STREET



SITE PLAN SHOWING GROUNDWATER ANALYTICAL RESULTS. FIGURE 20  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA  
 26-28 APRIL 2000

- LEGEND**
- ◆ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
  - WELL OF UNKNOWN CONSTRUCTION

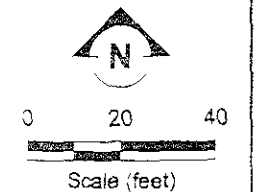
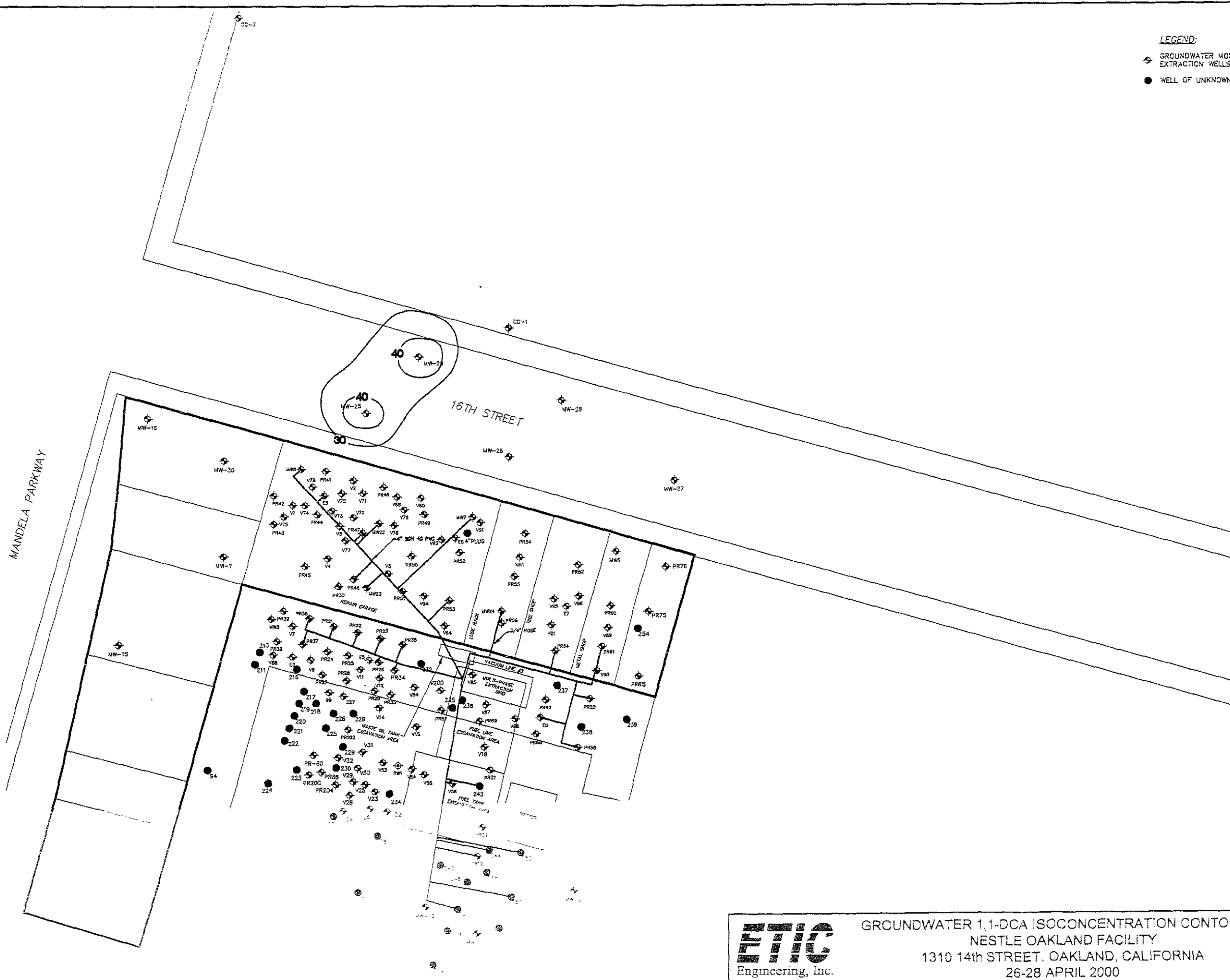


**ETIC** Engineering, Inc. GROUNDWATER BENZENE ISOCONCENTRATION CONTOURS, NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA, 26-28 APRIL 2000. **FIGURE 21**

10/12/86 5. Bactolok, Rev. 17.00

LEGEND:

- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION

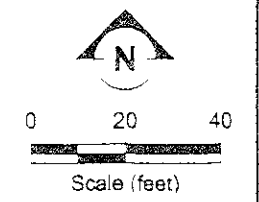
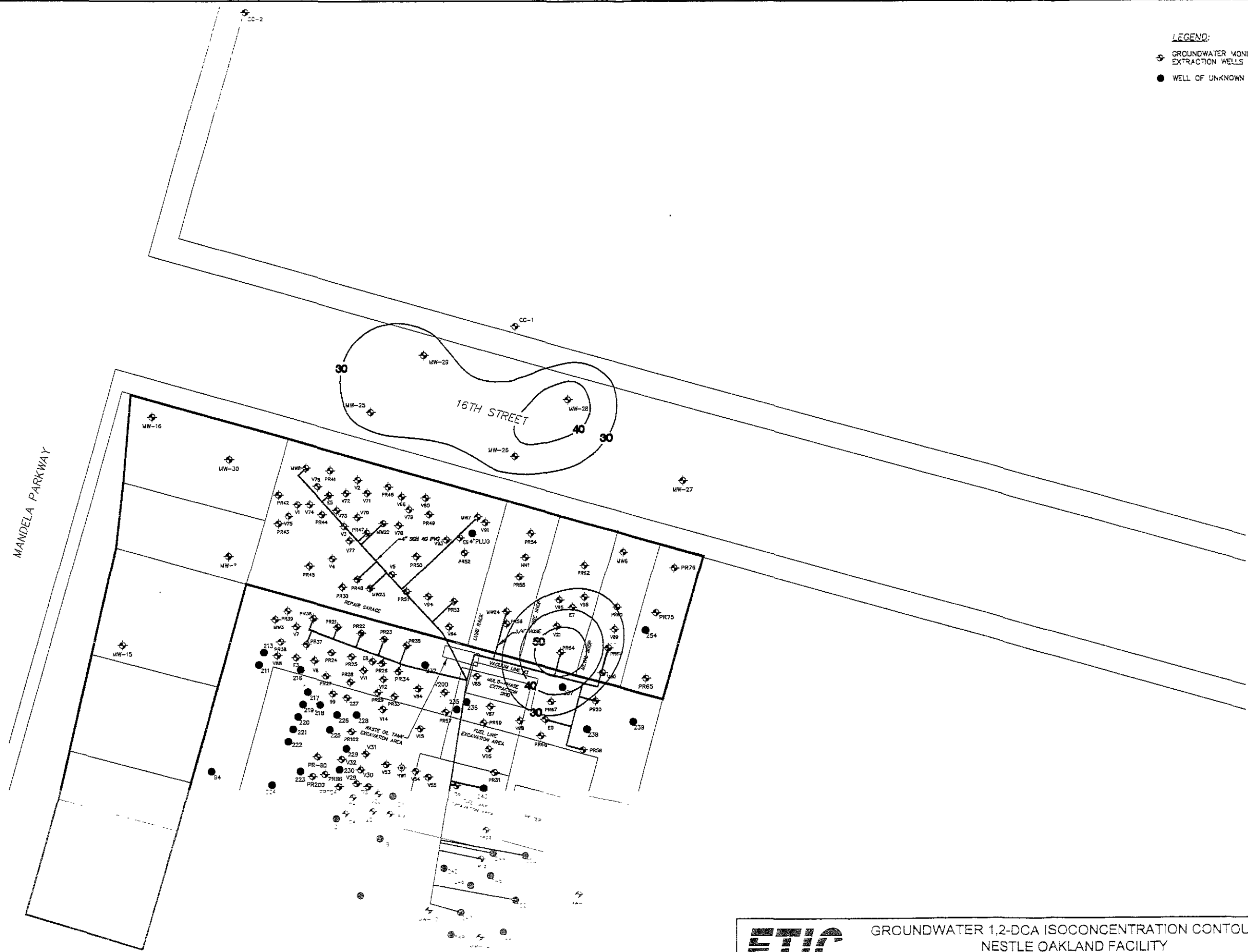


GROUNDWATER 1,1-DCA ISOCONCENTRATION CONTOURS, NESTLE OAKLAND FACILITY  
1310 14th STREET, OAKLAND, CALIFORNIA  
26-28 APRIL 2000

FIGURE 23

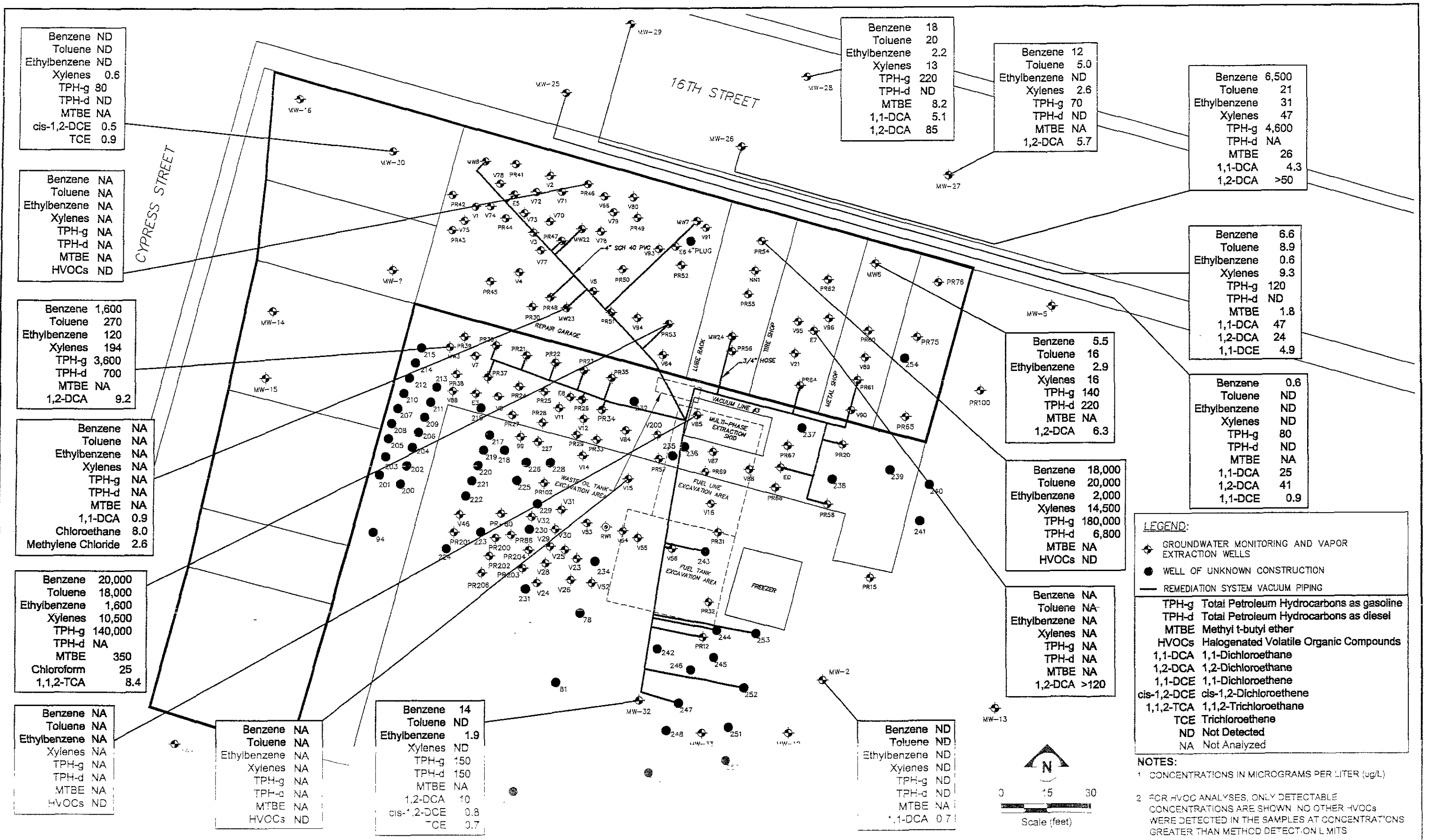
26-28 APRIL 2000

- LEGEND:**
- ◆ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
  - WELL OF UNKNOWN CONSTRUCTION



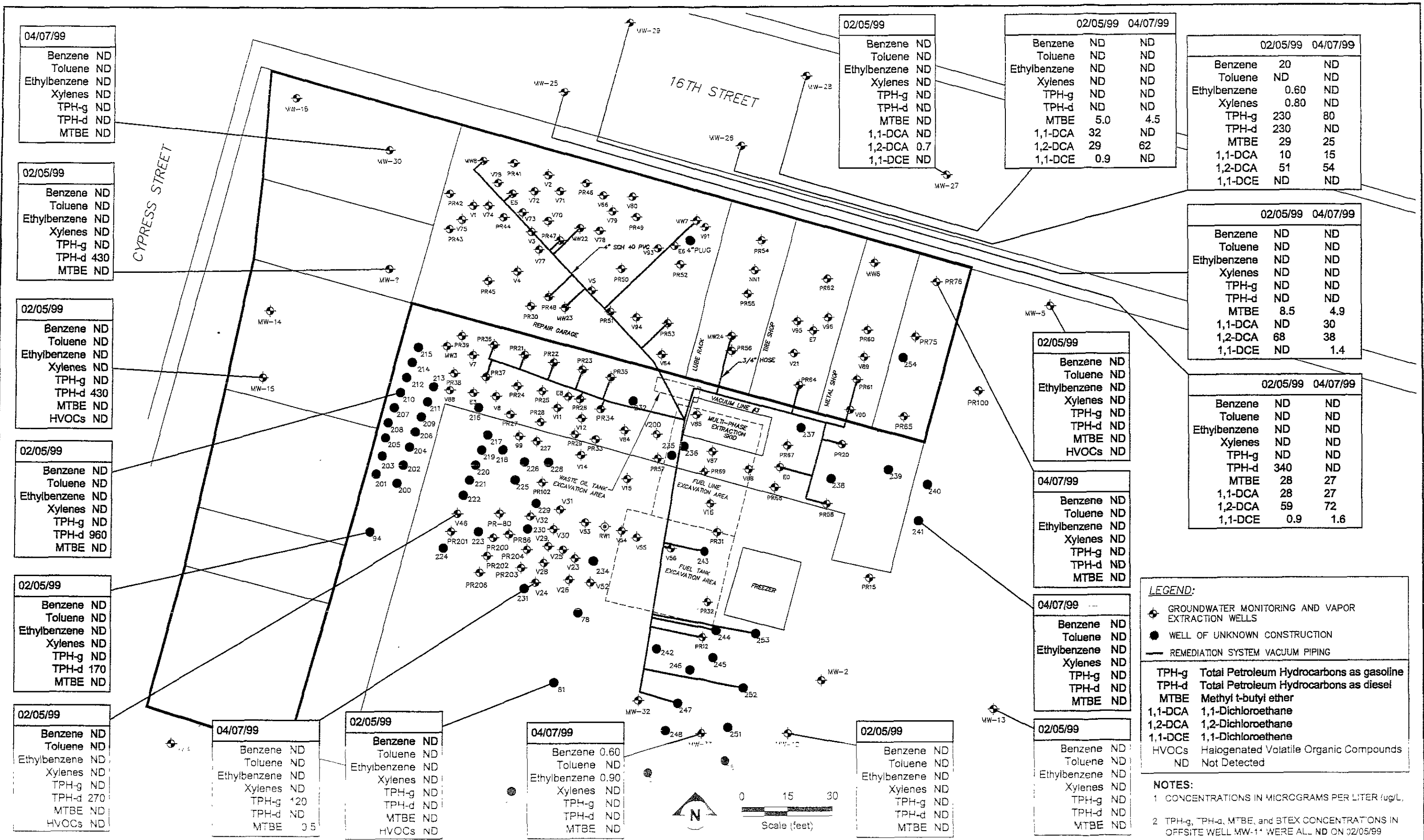
**ETIC** Engineering, Inc. GROUNDWATER 1,2-DCA ISOCONCENTRATION CONTOURS, NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA, 26-28 APRIL 2000. FIGURE: **24**

ETIC Engineering, Inc. 10/10/00



SITE PLAN SHOWING GROUNDWATER HVOC SAMPLE ANALYTICAL RESULTS  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA  
 16 JANUARY 1997

FIGURE:



04/07/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	430	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	430	
MTBE	ND	
HVOCs	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	960	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	170	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	270	
MTBE	ND	
HVOCs	ND	

04/07/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	120	
TPH-d	ND	
MTBE	0.5	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	
HVOCs	ND	

04/07/99		
Benzene	0.60	
Toluene	ND	
Ethylbenzene	0.90	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	

02/05/99		
Benzene	ND	
Toluene	ND	
Ethylbenzene	ND	
Xylenes	ND	
TPH-g	ND	
TPH-d	ND	
MTBE	ND	
1,1-DCA	ND	
1,2-DCA	0.7	
1,1-DCE	ND	

02/05/99 04/07/99		
Benzene	ND	ND
Toluene	ND	ND
Ethylbenzene	ND	ND
Xylenes	ND	ND
TPH-g	ND	ND
TPH-d	ND	ND
MTBE	5.0	4.5
1,1-DCA	32	ND
1,2-DCA	29	62
1,1-DCE	0.9	ND

02/05/99 04/07/99		
Benzene	20	ND
Toluene	ND	ND
Ethylbenzene	0.60	ND
Xylenes	0.80	ND
TPH-g	230	80
TPH-d	230	ND
MTBE	29	25
1,1-DCA	10	15
1,2-DCA	51	54
1,1-DCE	ND	ND

02/05/99 04/07/99		
Benzene	ND	ND
Toluene	ND	ND
Ethylbenzene	ND	ND
Xylenes	ND	ND
TPH-g	ND	ND
TPH-d	ND	ND
MTBE	8.5	4.9
1,1-DCA	ND	30
1,2-DCA	68	38
1,1-DCE	ND	1.4

02/05/99 04/07/99		
Benzene	ND	ND
Toluene	ND	ND
Ethylbenzene	ND	ND
Xylenes	ND	ND
TPH-g	ND	ND
TPH-d	340	ND
MTBE	28	27
1,1-DCA	28	27
1,2-DCA	59	72
1,1-DCE	0.9	1.6

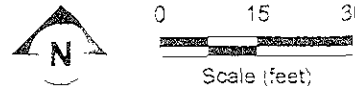
**LEGEND:**

- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- REMEDIATION SYSTEM VACUUM PIPING

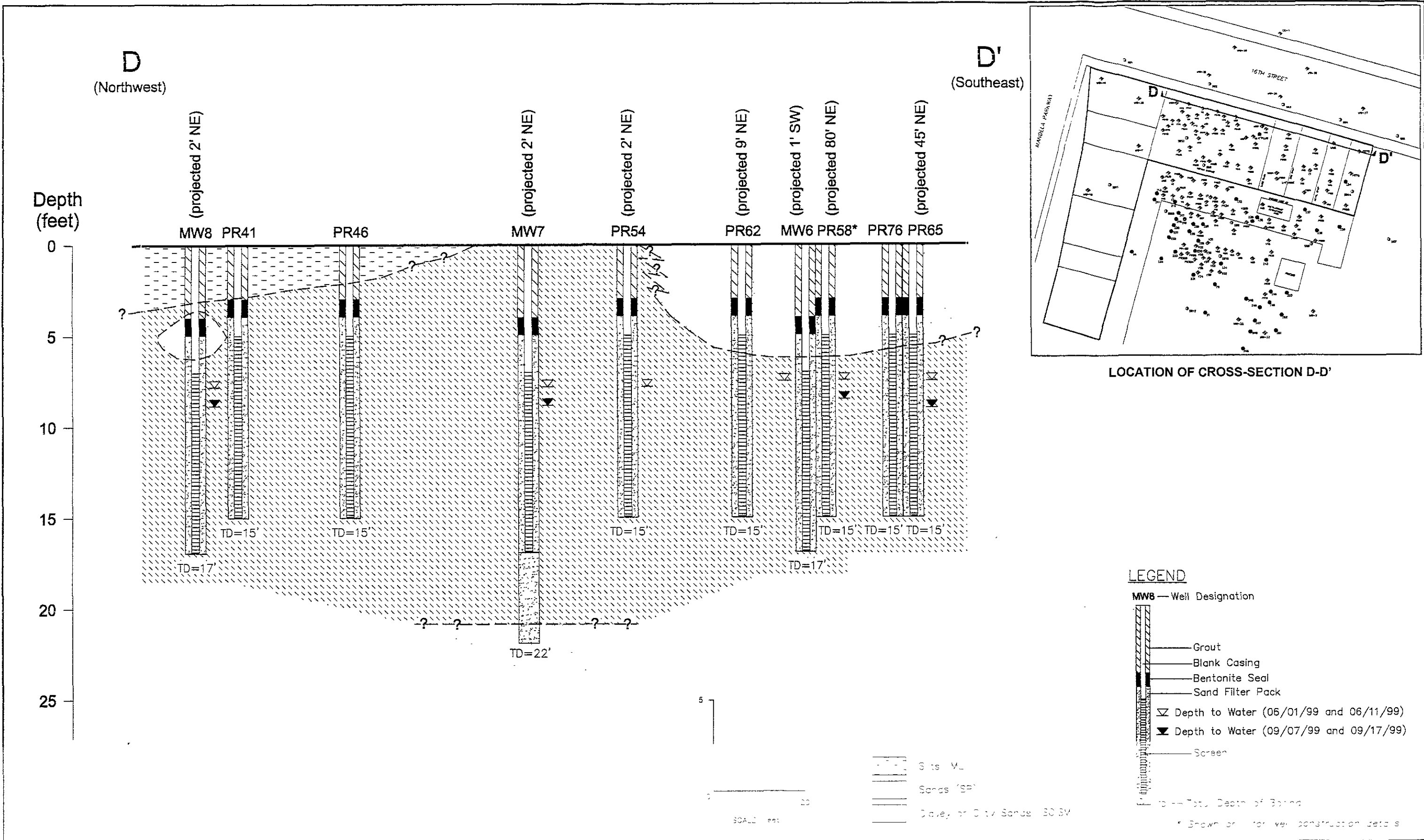
TPH-g Total Petroleum Hydrocarbons as gasoline  
 TPH-d Total Petroleum Hydrocarbons as diesel  
 MTBE Methyl t-butyl ether  
 1,1-DCA 1,1-Dichloroethane  
 1,2-DCA 1,2-Dichloroethane  
 1,1-DCE 1,1-Dichloroethene  
 HVOCs Halogenated Volatile Organic Compounds  
 ND Not Detected

**NOTES:**

- CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L)
- TPH-g, TPH-d, MTBE, and BTEX CONCENTRATIONS IN OFFSITE WELL MW-11 WERE ALL ND ON 02/05/99



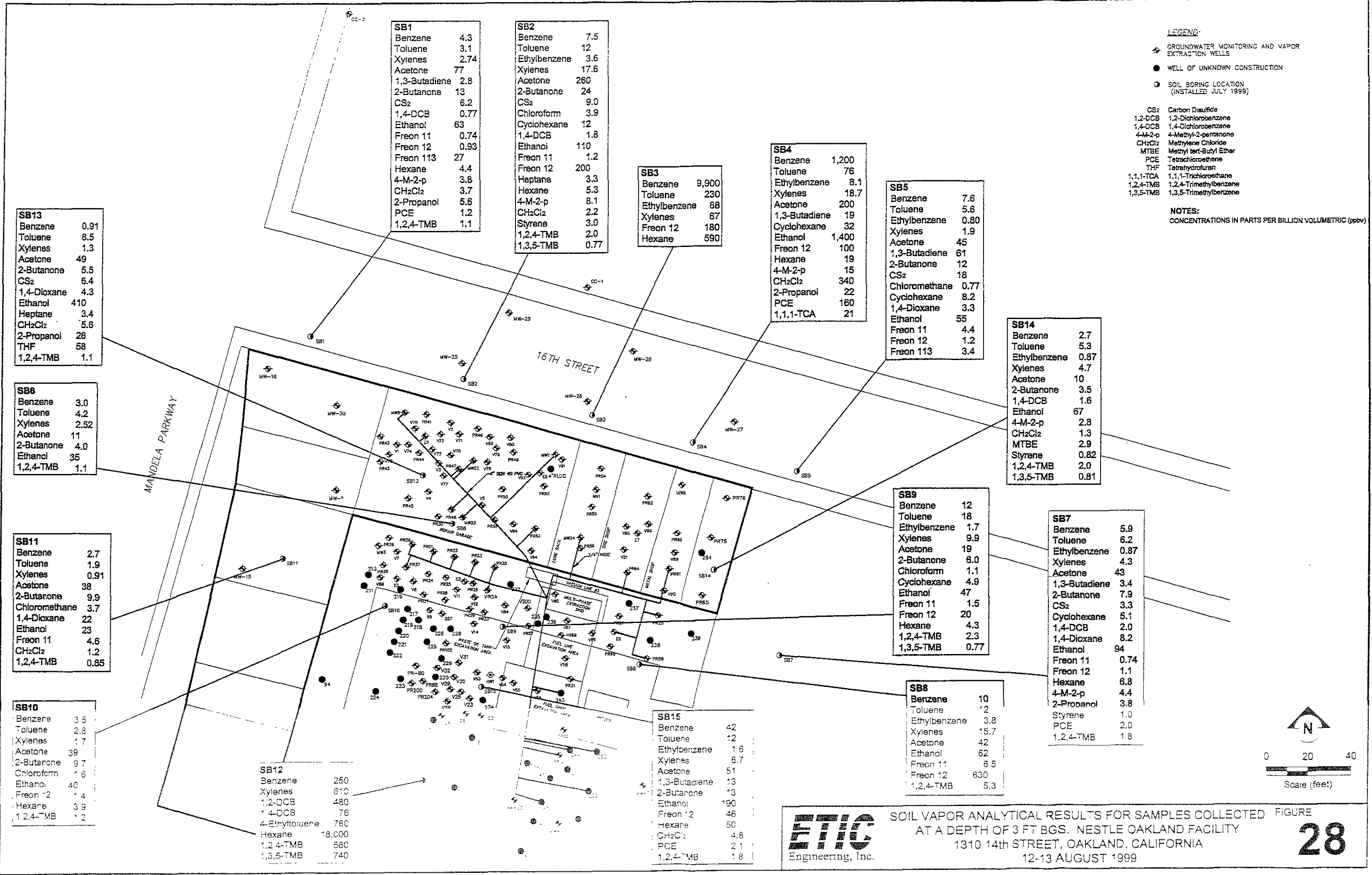
SITE PLAN SHOWING GROUNDWATER ANALYTICAL RESULTS  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA  
 FEBRUARY AND APRIL 1999



CROSS-SECTION D-D' SHOWING WELL SCREEN INTERVALS RELATIVE TO GROUNDWATER LEVELS  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE





SB1	
Benzene	4.3
Toluene	3.1
Xylenes	2.74
Acetone	77
1,3-Butadiene	2.8
2-Butanone	13
CS <sub>2</sub>	6.2
1,4-DCB	0.77
Ethanol	63
Freon 11	0.74
Freon 12	0.93
Freon 113	27
Hexane	4.4
4-M-2-p	3.8
CH <sub>2</sub> Cl <sub>2</sub>	3.7
2-Propanol	5.6
PCE	1.2
1,2,4-TMB	1.1

SB2	
Benzene	7.5
Toluene	12
Ethylbenzene	3.6
Xylenes	17.6
Acetone	260
2-Butanone	24
CS <sub>2</sub>	9.0
Chloroform	3.9
Cyclohexane	12
1,4-DCB	1.8
Ethanol	110
Freon 11	1.2
Freon 12	200
Heptane	3.3
Hexane	5.3
4-M-2-p	8.1
CH <sub>2</sub> Cl <sub>2</sub>	2.2
Styrene	3.0
1,2,4-TMB	2.0
1,3,5-TMB	0.77

SB3	
Benzene	9,900
Toluene	230
Ethylbenzene	68
Xylenes	67
Freon 12	180
Hexane	590

SB4	
Benzene	1,200
Toluene	76
Ethylbenzene	8.1
Xylenes	18.7
Acetone	200
1,3-Butadiene	19
Cyclohexane	32
Ethanol	1,400
Freon 12	100
Hexane	19
4-M-2-p	15
CH <sub>2</sub> Cl <sub>2</sub>	340
2-Propanol	22
PCE	160
1,1,1-TCA	21

SB5	
Benzene	7.6
Toluene	5.6
Ethylbenzene	0.80
Xylenes	1.9
Acetone	45
1,3-Butadiene	61
2-Butanone	12
CS <sub>2</sub>	18
Chloromethane	0.77
Cyclohexane	8.2
1,4-Dioxane	3.3
Ethanol	55
Freon 11	4.4
Freon 12	1.2
Freon 113	3.4

SB14	
Benzene	2.7
Toluene	5.3
Ethylbenzene	0.87
Xylenes	4.7
Acetone	10
2-Butanone	3.5
1,4-DCB	1.6
Ethanol	67
4-M-2-p	2.8
CH <sub>2</sub> Cl <sub>2</sub>	1.3
MTBE	2.9
Styrene	0.82
1,2,4-TMB	2.0
1,3,5-TMB	0.81

SB9	
Benzene	12
Toluene	18
Ethylbenzene	1.7
Xylenes	9.9
Acetone	19
2-Butanone	6.0
Chloroform	1.1
Cyclohexane	4.9
Ethanol	47
Freon 11	1.5
Freon 12	20
Hexane	4.3
1,2,4-TMB	2.3
1,3,5-TMB	0.77

SB7	
Benzene	5.9
Toluene	6.2
Ethylbenzene	0.87
Xylenes	4.3
Acetone	43
1,3-Butadiene	3.4
2-Butanone	7.9
CS <sub>2</sub>	3.3
Cyclohexane	5.1
1,4-DCB	2.0
1,4-Dioxane	8.2
Ethanol	94
Freon 11	0.74
Freon 12	1.1
Hexane	6.8
4-M-2-p	4.4
2-Propanol	3.8
Styrene	1.0
PCE	2.0
1,2,4-TMB	1.8

SB8	
Benzene	10
Toluene	2
Ethylbenzene	3.8
Xylenes	15.7
Acetone	42
Ethanol	62
Freon 11	6.5
Freon 12	630
1,2,4-TMB	5.3

SB13	
Benzene	0.91
Toluene	8.5
Xylenes	1.3
Acetone	49
2-Butanone	5.5
CS <sub>2</sub>	6.4
1,4-Dioxane	4.3
Ethanol	410
Heptane	3.4
CH <sub>2</sub> Cl <sub>2</sub>	5.6
2-Propanol	26
THF	58
1,2,4-TMB	1.1

SB6	
Benzene	3.0
Toluene	4.2
Xylenes	2.52
Acetone	11
2-Butanone	4.0
Ethanol	35
1,2,4-TMB	1.1

SB11	
Benzene	2.7
Toluene	1.9
Xylenes	0.91
Acetone	38
2-Butanone	9.9
Chloromethane	3.7
1,4-Dioxane	22
Ethanol	23
Freon 11	4.6
CH <sub>2</sub> Cl <sub>2</sub>	1.2
1,2,4-TMB	0.85

SB10	
Benzene	3.5
Toluene	2.8
Xylenes	1.7
Acetone	39
2-Butanone	9.7
Chloroform	1.6
Ethanol	40
Freon 12	4
Hexane	3.9
1,2,4-TMB	1.2

SB12	
Benzene	250
Xylenes	610
1,2-DCB	480
1,4-DCB	76
4-Ethyltoluene	760
Hexane	18,000
1,2,4-TMB	580
1,3,5-TMB	740

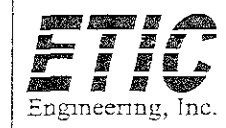
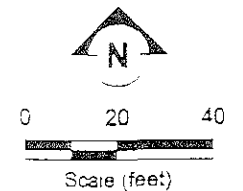
SB15	
Benzene	42
Toluene	12
Ethylbenzene	1.6
Xylenes	6.7
Acetone	51
1,3-Butadiene	13
2-Butanone	13
Ethanol	190
Freon 12	46
Hexane	50
CH <sub>2</sub> Cl <sub>2</sub>	4.8
PCE	2.1
1,2,4-TMB	1.8

**LEGEND:**

- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- SOIL BORING LOCATION (INSTALLED JULY 1999)

CS<sub>2</sub> Carbon Disulfide  
 1,2-DCB 1,2-Dichlorobenzene  
 1,4-DCB 1,4-Dichlorobenzene  
 4-M-2-p 4-Methyl-2-pentanone  
 CH<sub>2</sub>Cl<sub>2</sub> Methylene Chloride  
 MTBE Methyl tert-Butyl Ether  
 PCE Tetrachloroethene  
 THF Tetrahydrofuran  
 1,1,1-TCA 1,1,1-Trichloroethane  
 1,2,4-TMB 1,2,4-Trimethylbenzene  
 1,3,5-TMB 1,3,5-Trimethylbenzene

**NOTES:**  
 CONCENTRATIONS IN PARTS PER BILLION VOLUMETRIC (ppbv)



SOIL VAPOR ANALYTICAL RESULTS FOR SAMPLES COLLECTED AT A DEPTH OF 3 FT BGS. NESTLE OAKLAND FACILITY 1310 14th STREET, OAKLAND, CALIFORNIA 12-13 AUGUST 1999

28

LEGEND

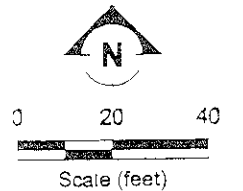
- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- SOIL BORING LOCATION (INSTALLED JULY 1999)



SOIL VAPOR BENZENE ISOCONCENTRATION CONTOURS,  
NESTLE OAKLAND FACILITY  
1310 14th STREET, OAKLAND, CALIFORNIA  
12-13 AUGUST 1999

LEGEND:

- ⊕ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- ⊙ SOIL BORING LOCATION (INSTALLED JULY 1999)



SOIL VAPOR FREON-12 ISOCONCENTRATION CONTOURS,  
 NESTLE OAKLAND FACILITY  
 1310 14th STREET, OAKLAND, CALIFORNIA  
 12-13 AUGUST 1999

FIGURE:  
**31**

DATE: 8/11/99 BY: J. W. C. L. 1

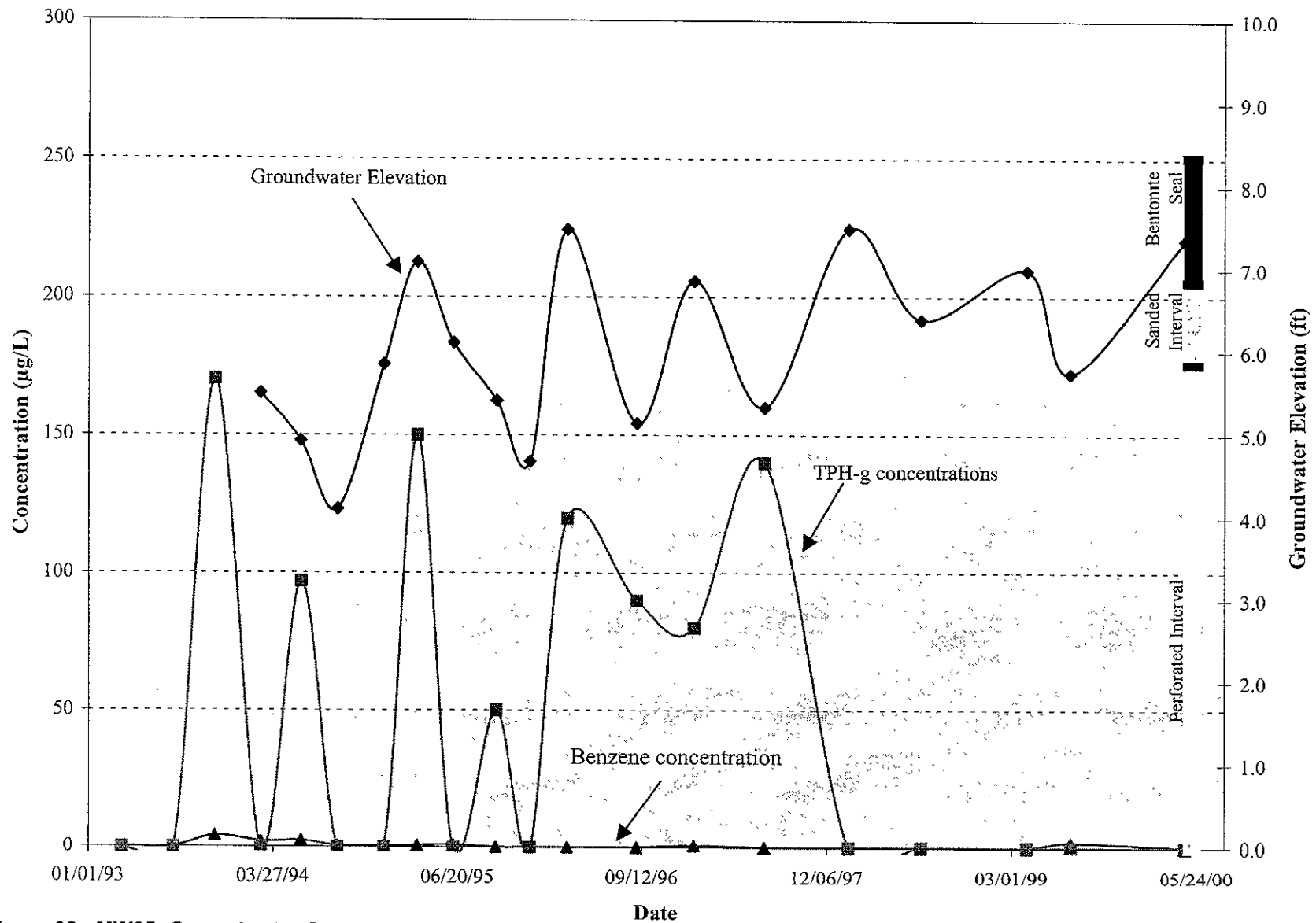


Figure 32: MW25: Groundwater Concentrations and Elevation Trends

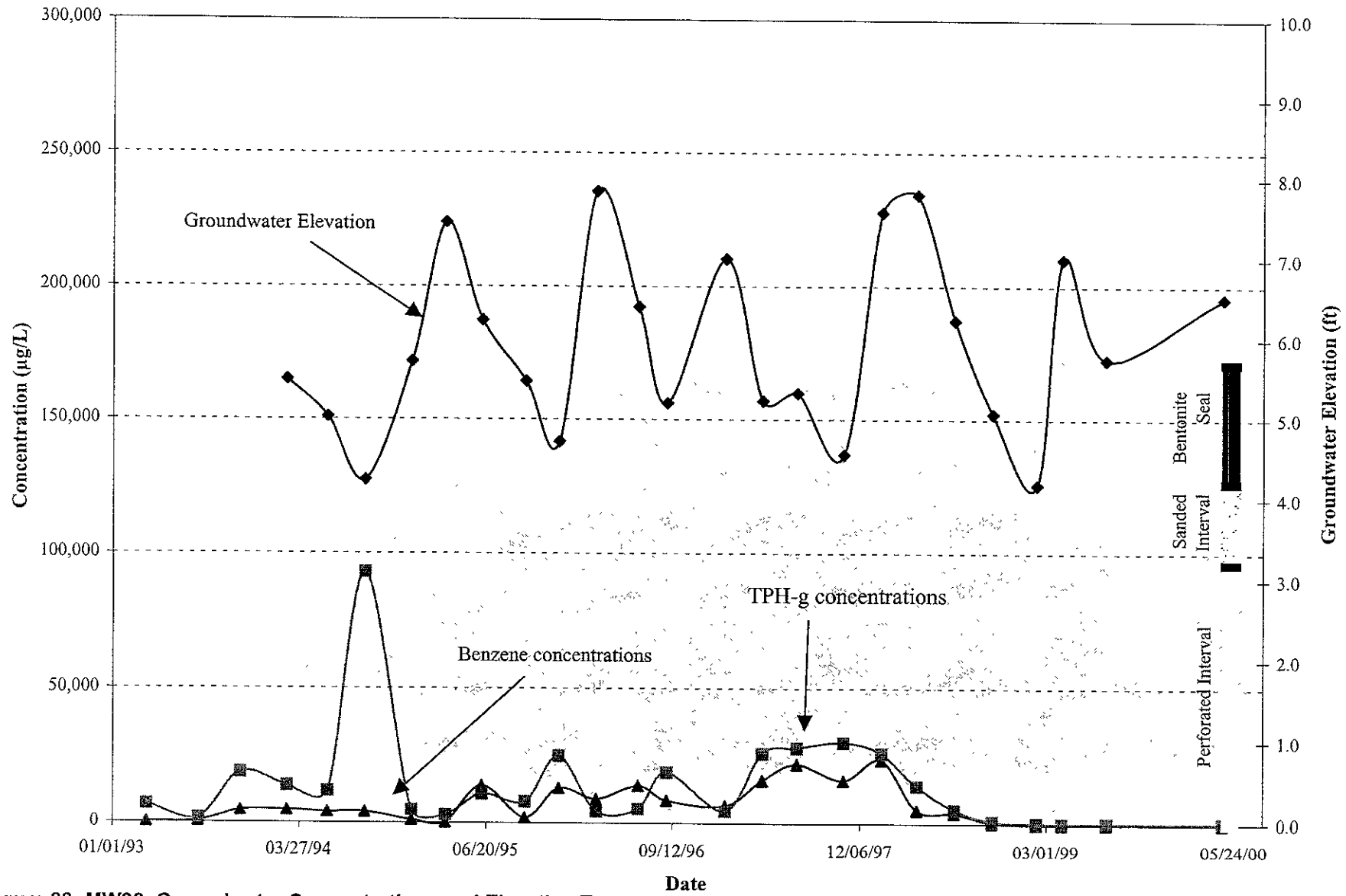


Figure 33: MW26: Groundwater Concentrations and Elevation Trends

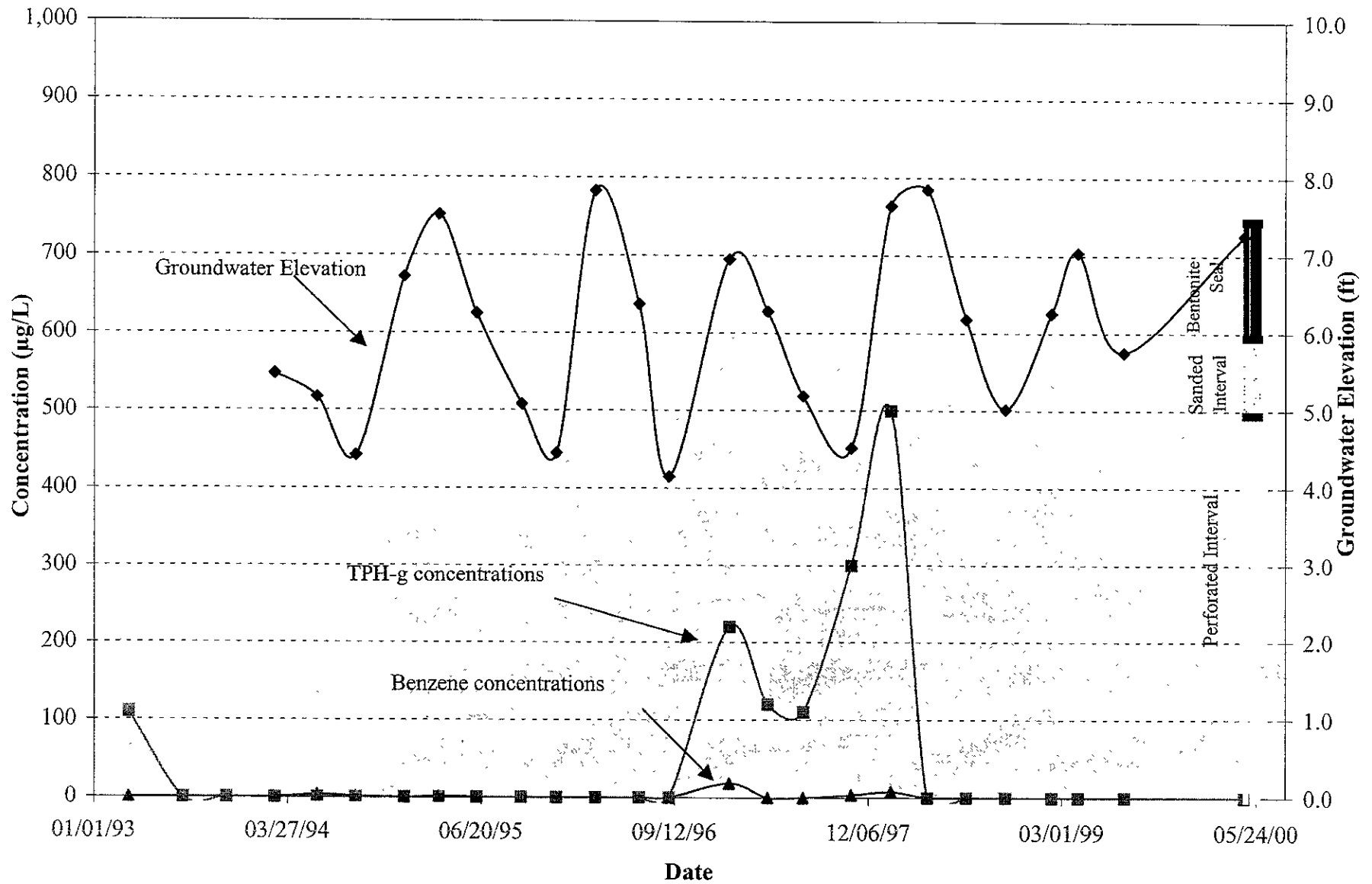


Figure 34: MW28: Groundwater Concentrations and Elevation Trends

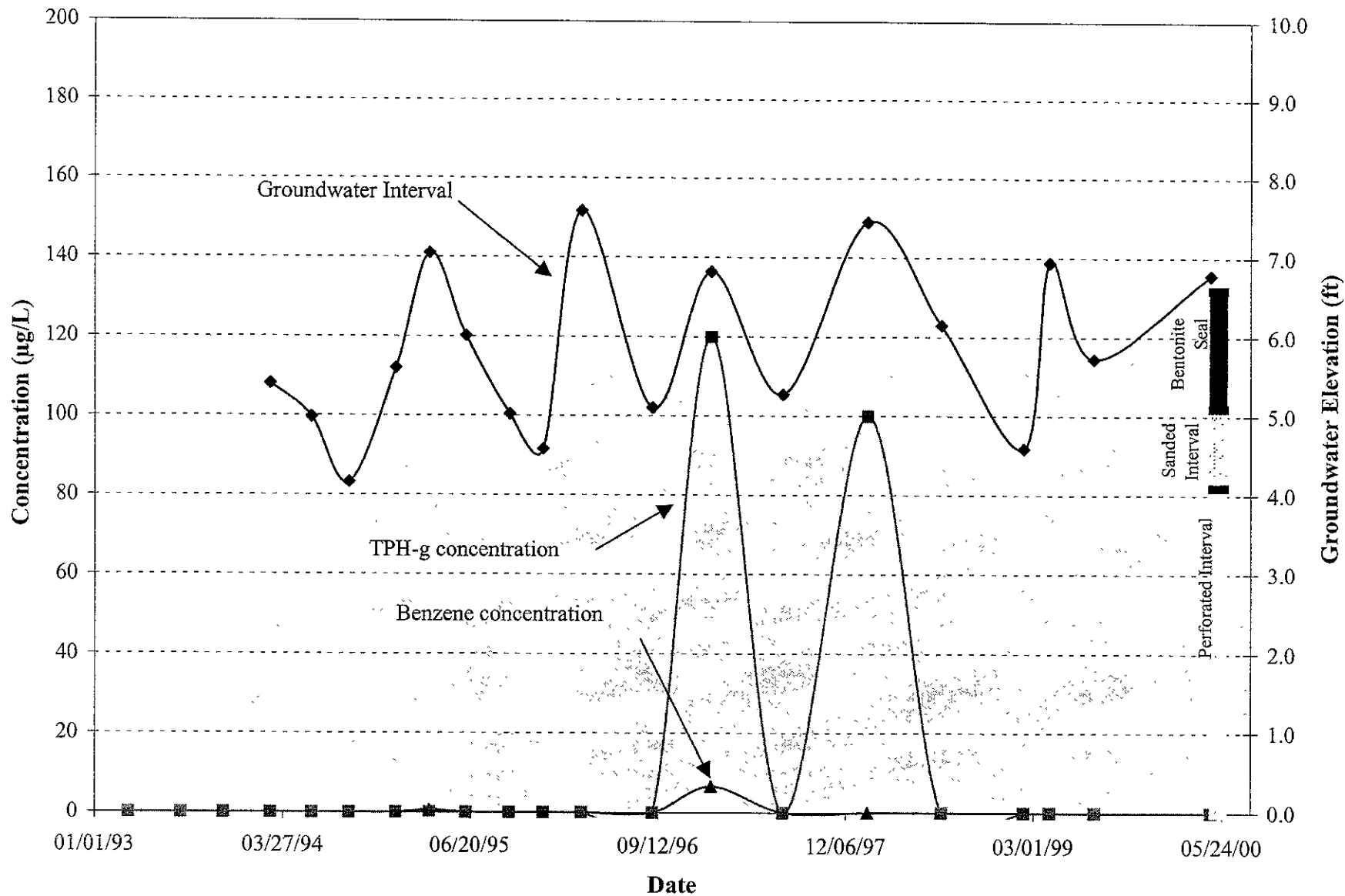


Figure 35: MW29: Concentration and Groundwater Elevation Trends

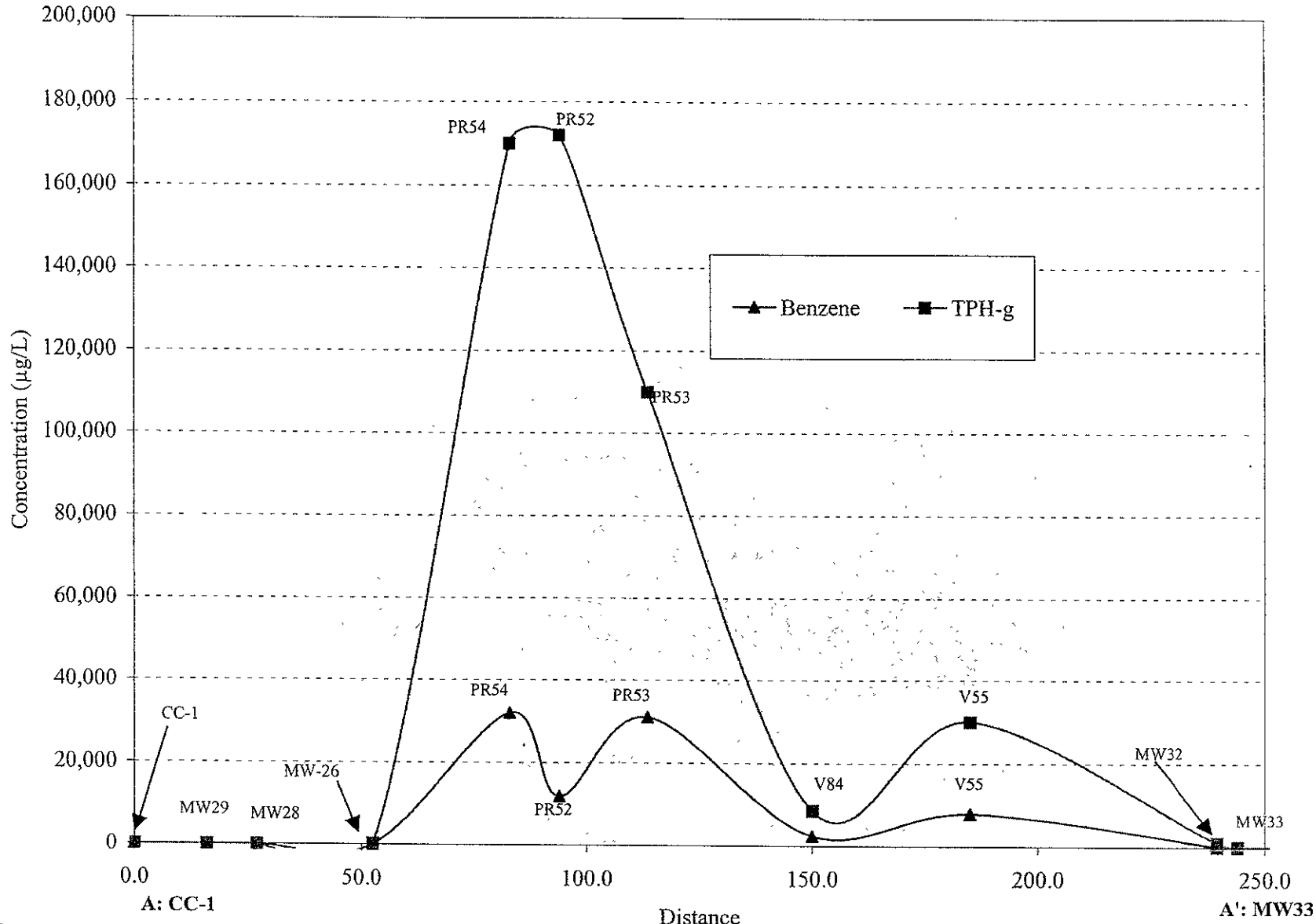


Figure 36: Trendline A - A': Concentration vs. Distance for July 1999



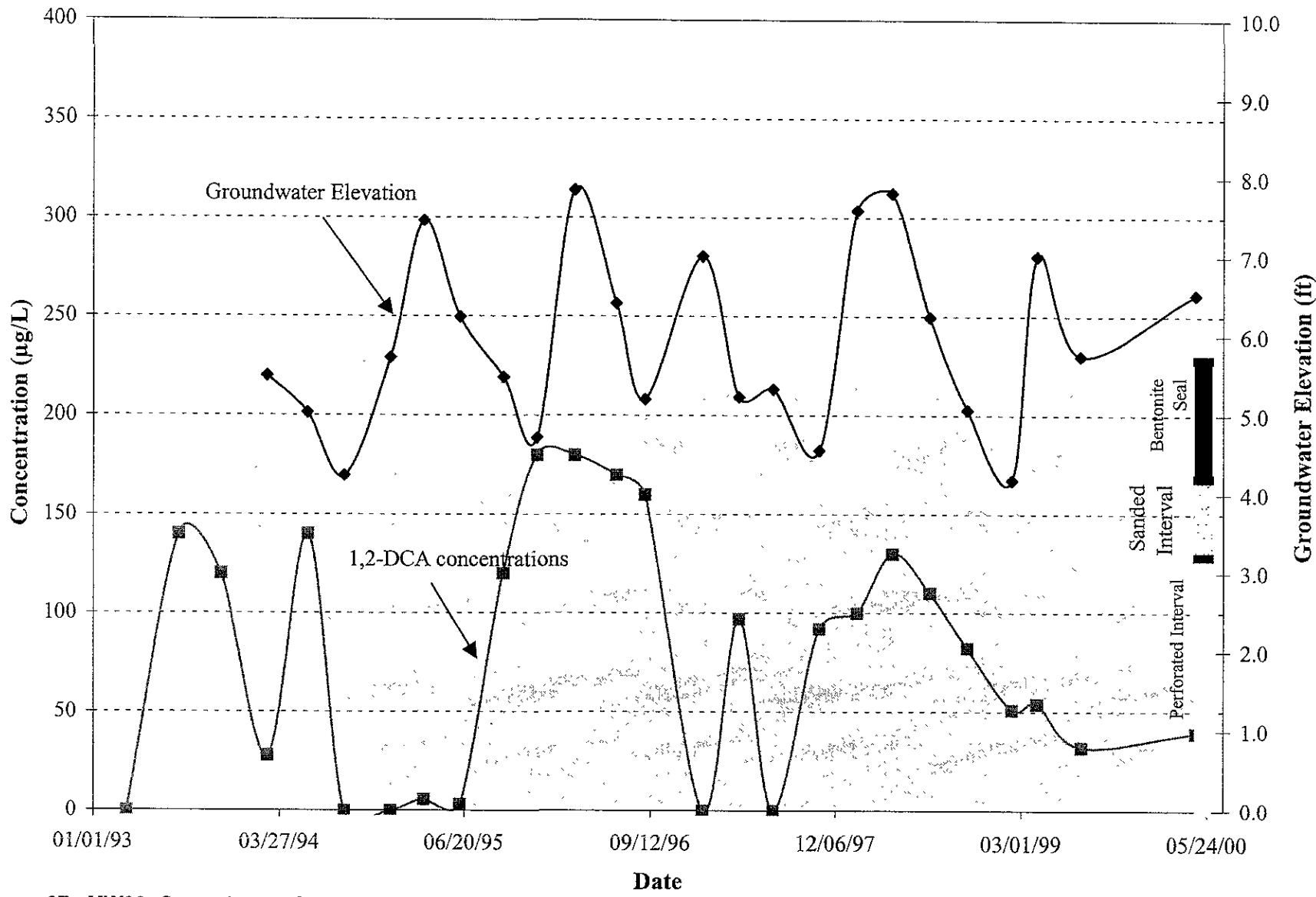


Figure 37: MW26: Groundwater Concentrations and Elevation Trends

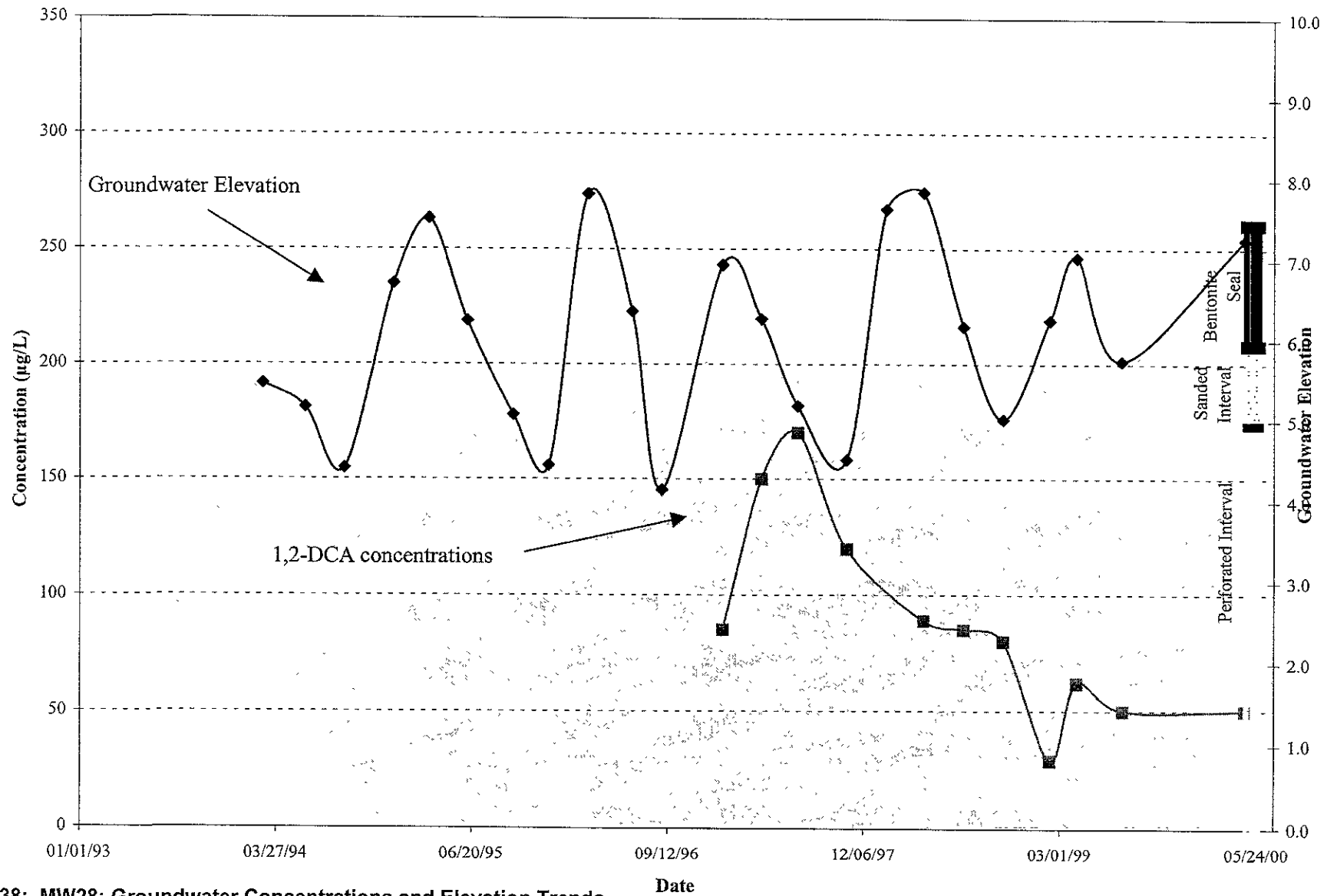


Figure 38: MW28: Groundwater Concentrations and Elevation Trends

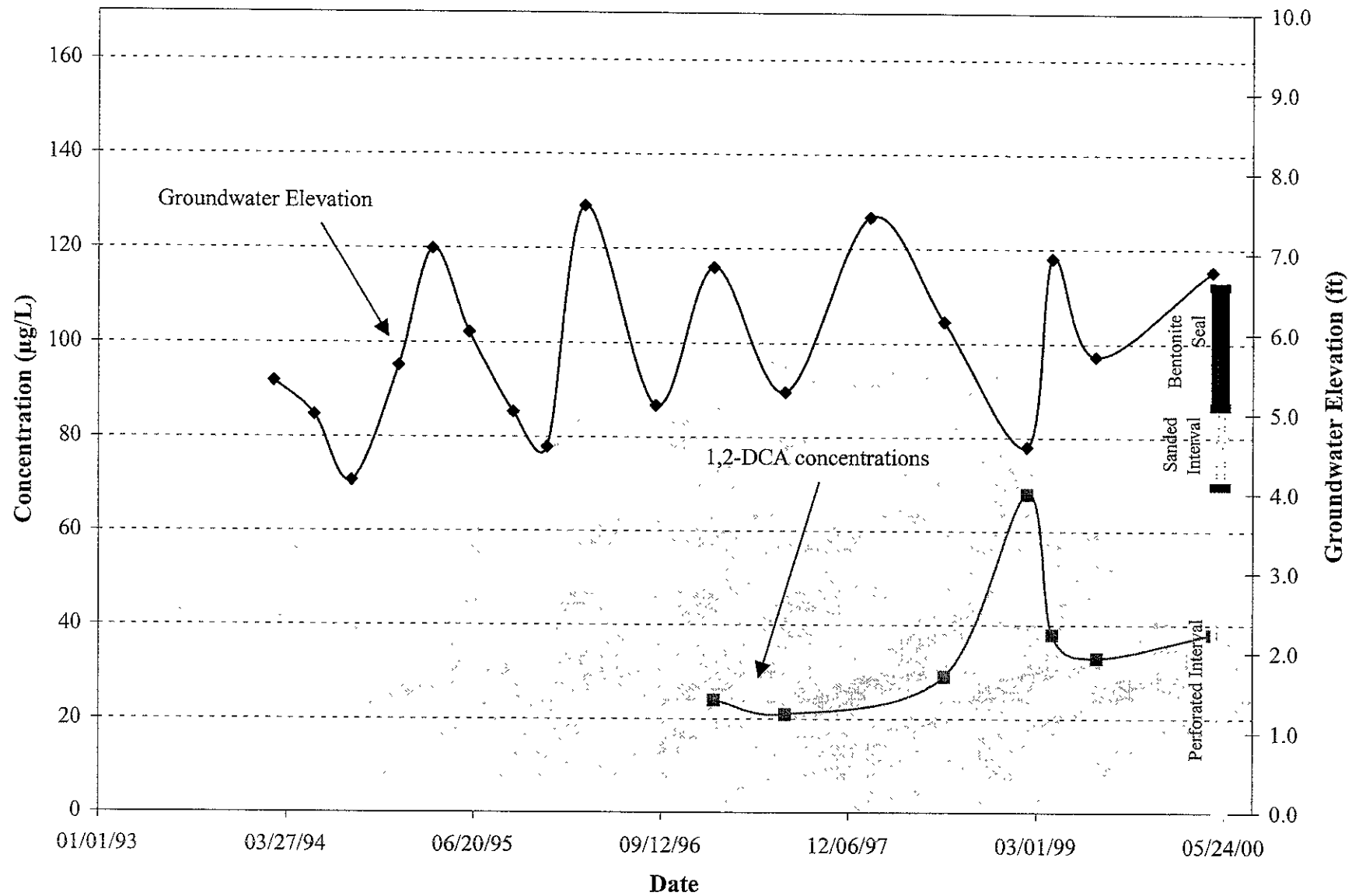


Figure 39: MW29: Groundwater Concentrations and Elevation Trend

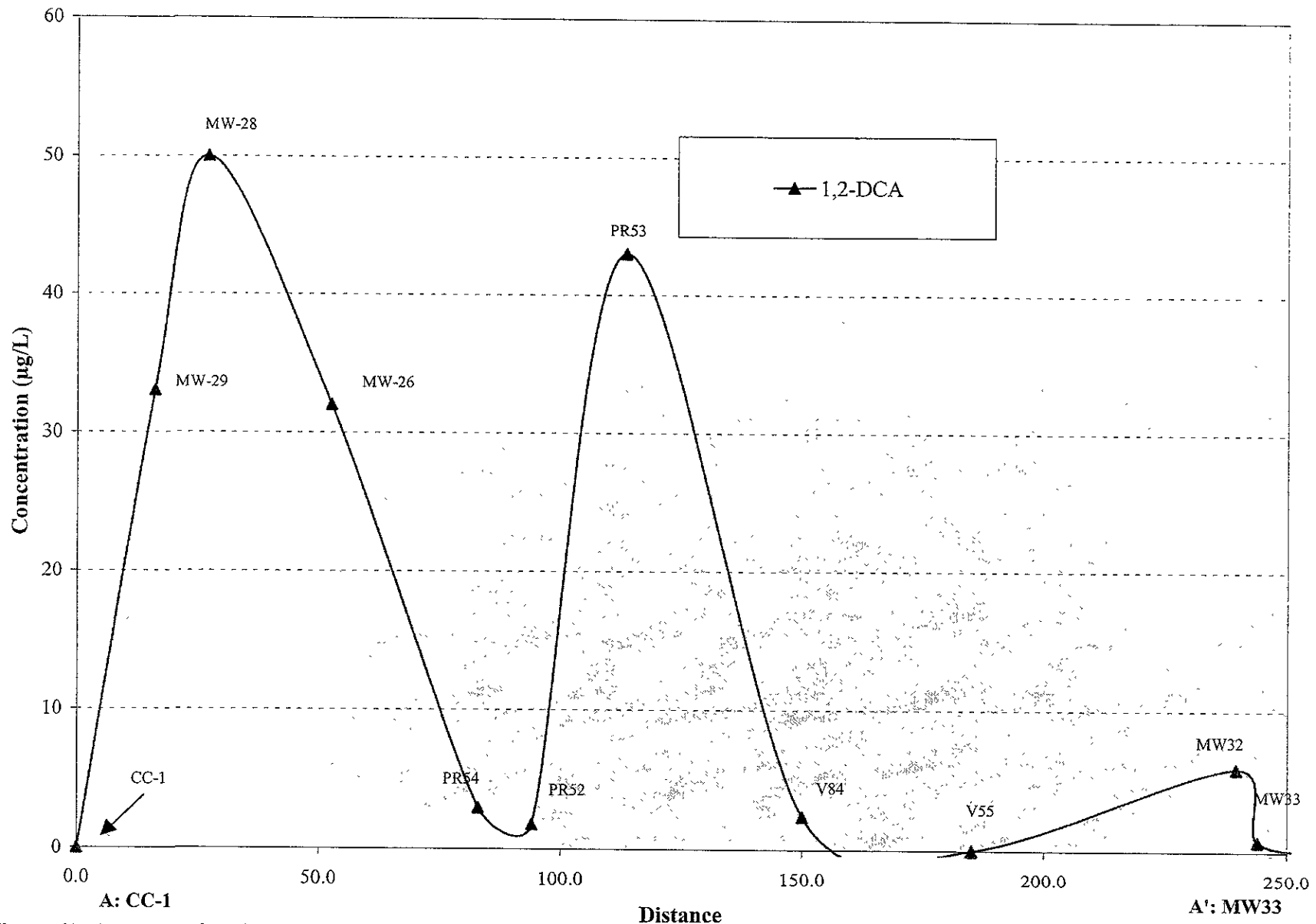
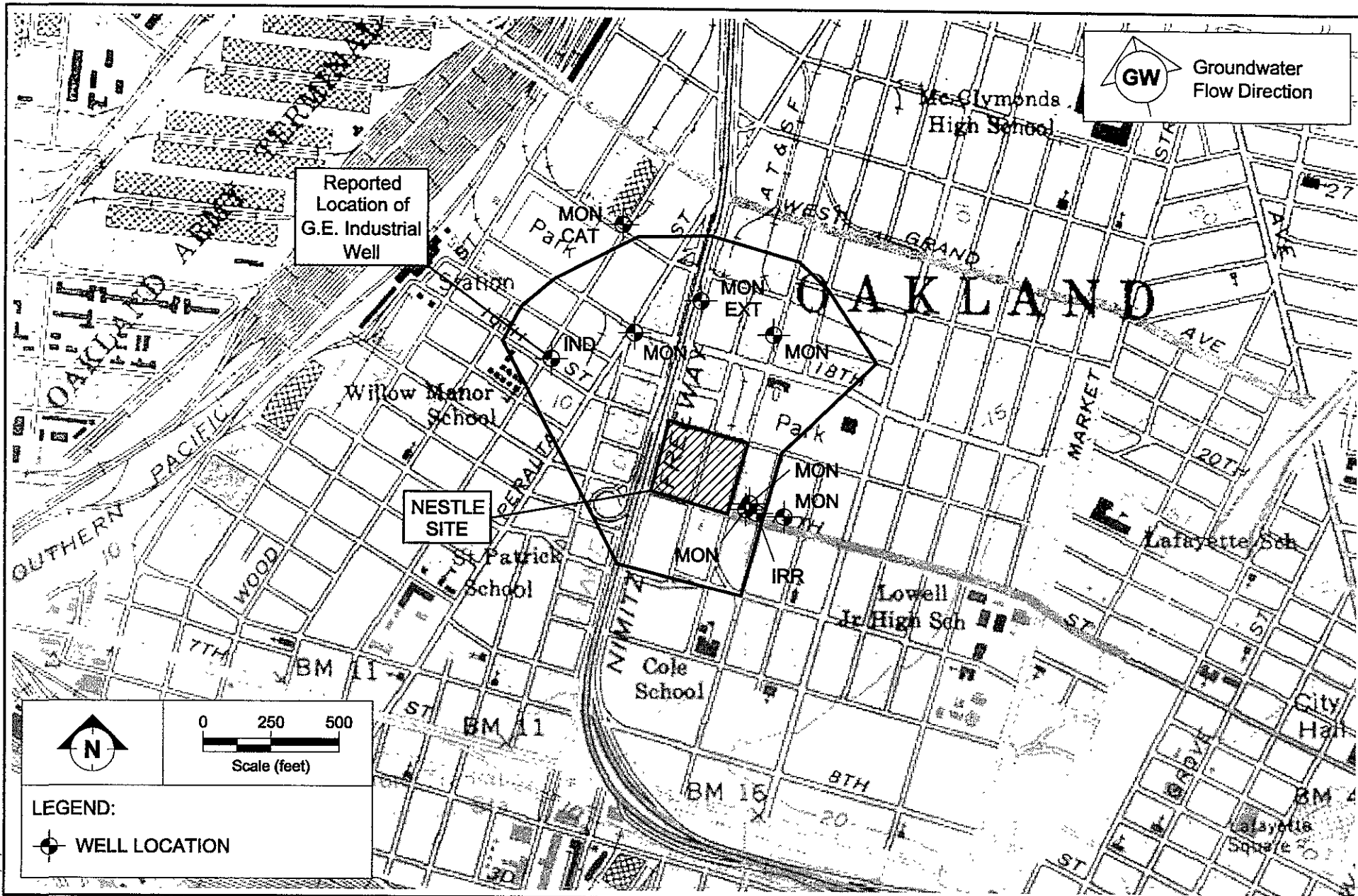


Figure 40: Trendline A - A': Concentration vs. Distance for July 1999



WELLS IN THE VICINITY OF THE NESTLE OAKLAND FACILITY  
 LOCATED AT 1310 14TH STREET, OAKLAND, CALIFORNIA

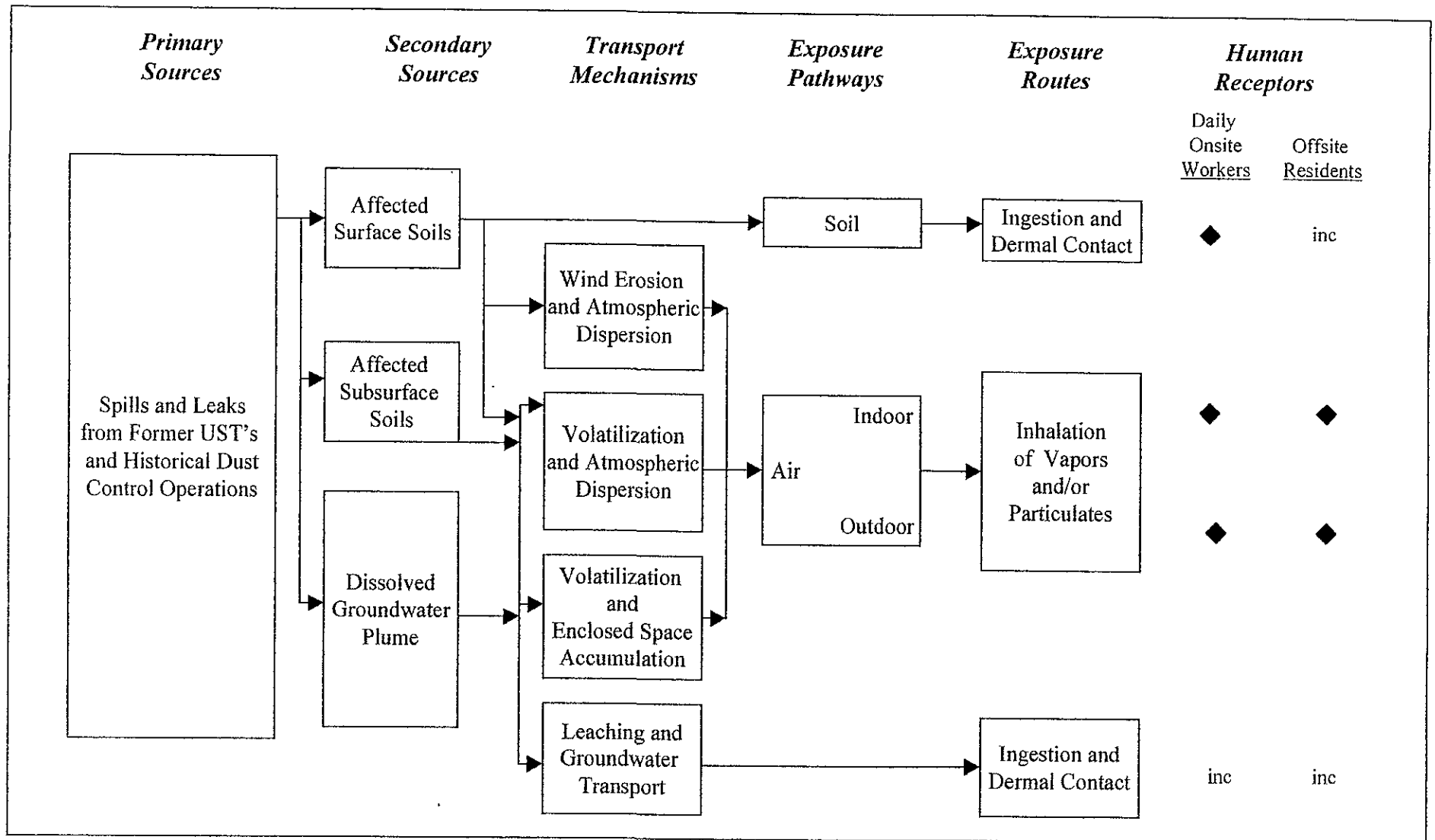
FIGURE:

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Location	Owner	Number of Wells	Type of Wells	Depth of Wells (feet)	Distance from Nestle (miles)	Comments
1267 West 14 <sup>th</sup> Street	Nabisco	4	Monitoring	22-30	0.13	4-11/90 drill date; Upgradient
1340 Cypress	Coca-Cola	10	9 Monitoring 1 Extraction	25-30	0.20	3-6/91 drill date; Downgradient
1700 20 <sup>th</sup> Street	Anheuser-Busch Co.	3	Monitoring	30	0.31	9/87 drill date; Downgradient
1614 Campbell	General Electric	1	Industrial	200	0.22	Crossgradient not found during March 2000 well search.
1800 Peralta	Architectural Emp.	2	Monitoring	10-18	0.18	6/88 drill date; Downgradient
Union at 14 <sup>th</sup> Street	Shredded Wheat	1	Irrigation	55	0.15	Upgradient
1901 Poplar	Pacific Pipe Co.	3	Monitoring	24	0.20	3/94 drill date; Crossgradient
1266 14 <sup>th</sup> Street	Comm. Air.	1	Monitoring	25	0.13	6/96 drill date; Upgradient
1230 14 <sup>th</sup> Street	Sabek Shell	4	1 Boring (Sabek) 3 Monitoring (Shell)	0 (Sabek) 22-23 (Shell)	0.17	7/90 drill date (Sabek), 3/96 drill date (Shell); Upgradient
20 <sup>th</sup> at Campbell	PG&E	1	Cathodic	120	0.31	7/74 drill date; Downgradient

Source: County of Alameda Public Works Agency Well Inventory File, November 1997.

**Figure 42. Information on nearby wells, Nestle Oakland Facility.**



◆ Complete pathway inc Incomplete pathway	<b>Conceptual Site Model</b> Nestle Oakland Facility 1310 14th Street, Oakland, California	Figure <b>43</b> August 2000	
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## Tables









TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993-2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-2	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	--	--	--	--	--	--	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.8	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	0.7	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	<0.5	<0.5	<0.5	<0.5	<50	<150	0.7	<0.5	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	<0.5	
07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5		
07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5		
MW-3	03/23/93	35	2.9	2	3.2	300	ND	--	--	--	--	--	
	07/27/93	97	1	4	1.1	220	ND	--	--	--	--	--	
	11/05/93	4.9	ND	ND	1.2	170	ND	--	--	--	--	--	
	02/25/94	42	<1	<1	<1	100	<1,000	--	--	--	--	--	
	06/03/94	120	8.2	8.4	4.5	320	<20,000	--	--	--	--	--	
	08/31/94	83	1.1	5.3	2.9	<500	<500	--	--	--	--	--	
	12/22/94	1,460	18	100	50	3,800	270	--	--	--	--	--	
	03/13/95	3,600	260	270	280	14,000	1,700	--	--	--	--	--	
	06/09/95	4,700	58	140	71	3,700	120	--	--	--	--	--	
	09/21/95	9,800	58	600	95	14,000	300	--	--	--	--	--	
	12/12/95	330	2.1	47	5.3	700	<50	--	--	--	--	--	
	03/12/96	350	4.6	23	8.7	600	<50	--	--	--	--	--	
	06/21/96	940	76	98	57	1,900	<50	--	--	--	--	--	
08/29/96	420	29	44	28	900	<150	--	--	--	--	--		
01/16/97	1,600	270	120	194	3,600	700	<0.5	9.2	<0.5	<0.5	--		

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-3	04/15/97	1,300	300	180	160	4,300	800	<0.5	16	<0.5	1.1	6.9	
	07/07/97	100	84	100	67	1,900	350	--	--	--	--	3.8	
	10/27/97	1,030	60	54	40	2,200	--	<0.5	2.4	<0.5	<0.5	3.1	
	01/27/98	1,070	98	73	69	3,200	--	--	--	--	--	3.9	
	04/22/98	610	56	49	54	1,800	--	<0.5	3.0	<0.5	<0.5	1.1	
	07/22/98	1,800	230	160	180	3,600	370	--	--	--	--	5.0	
	10/21/98	78	1.0	3.8	0.6	110	<250	<0.5	0.6	<0.5	<0.5	<0.5	
	07/23/99	1,500	140	76.0	260	4,000	790	<0.5	1.0	<0.5	<0.5	5.60	
	10/28/99	1,100	43	58	102	3,000	600	<0.5	0.9	--	<0.5	--	
	02/10/00	690	22	36	49	1,400	520	<0.5	<0.5	<0.5	<0.5	2.20	
	04/27/00	1,100	140	73	163	2,400	250	<0.5	0.6	<0.5	<0.5	<0.5	
MW-5	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-6	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	3.5	<100	<1,000	--	--	--	--	--	
	06/03/94	2.7	<0.5	<0.5	<0.5	69	<20,000	--	--	--	--	--	
	08/31/94	<0.3	8.7	1.6	3.5	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	1.2	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	0.6	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	5.5	16	2.9	16	140	220	<0.5	6.3	<0.5	<0.5	--	
07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5		
07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5		
MW-11	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
MW-12	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-13	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
MW-15	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-25	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	4.2	4.4	2.5	20	170	ND	--	--	--	--	--	
	02/25/94	2.1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	2.4	14	<0.5	3.4	97	<20,000	--	--	--	--	--	
	08/31/94	0.5	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.58	<0.5	<0.5	<0.5	150	950	--	--	--	--	--	
	06/09/95	0.8	<0.5	<0.5	<0.5	<100	60	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	120	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	90	<150	--	--	--	--	--	
	01/16/97	0.6	<0.5	<0.5	<0.5	80	<150	25	41	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	140	<150	--	--	--	--	11	
	01/27/98	<0.5	<0.5	<0.5	<0.5	<100	--	--	--	--	--	10	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	24	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	340	28	59	<0.5	<0.5	28	h
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	27	72	<0.5	<0.5	27	i
07/23/99	1.80	<0.5	<0.5	<0.5	<50	<200	30	58	<0.5	<0.5	23.0		
10/27/99	<0.5	1.4	<0.5	1.0	<100	<200	35	47	--	<0.5	--		
02/08/00	<0.5	<0.5	<0.5	<0.5	100	<250	39	41	<0.5	<0.5	29.0	q	
04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	51	38	<0.5	<0.5	18	t	
MW-26	03/23/93	180	190	55	330	7,000	1,300	ND	ND	ND	ND	--	
	07/27/93	470	96	30	80	1,800	ND	ND	140	ND	ND	--	
	11/05/93	4,700	1,300	9	1,400	19,000	ND	ND	120	ND	ND	--	
	02/25/94	4,800	570	200	860	14,000	<1,000	<1	28	<1	<1	--	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-26	06/03/94	4,100	300	120	230	12,000	<20,000	1.7	140	<0.5	<0.5	--	c
	08/31/94	4,100	360	170	450	93,000	1,400	<4.0	<4.0	<4.0	<4.0	--	
	12/22/94	1,030	170	85	290	5,000	560	<2.0	<2.0	<2.0	<2.0	--	d
	03/13/95	320	19	23	66	3,000	810	53	5.8	<0.5	<0.5	--	
	06/09/95	14,000	64	31	230	10,800	310	240	3.1	1	<0.5	--	
	09/21/95	1,900	160	160	330	8,000	200	1.3	120	<0.5	<0.5	--	
	12/12/95	13,000	38	36	120	25,000	0.6	1.4	180	<0.5	<0.5	--	b
	03/12/96	9,000	33	30	65	4,400	<50	<0.5	180	<0.5	<0.5	--	
	06/21/96	14,000	27	16	66	5,400	<50	3.2	170	<0.5	<0.5	--	
	08/29/96	8,500	26	28	74	19,000	<150	<0.5	160	<0.5	<0.5	--	
	01/16/97	6,500	21	31	47	4,600	--	4.3	>50	<0.5	<0.5	26	
	04/15/97	16,000	33	40	160	26,000	2,200	3.5	97	<0.5	2.4	40	e
	07/07/97	22,000	44	170	200	28,000	1,100	<5.0	<5.0	<5.0	<5.0	95	
	10/27/97	16,000	26	100	37	30,000	--	3.6	92	<0.5	<0.5	38	
	01/27/98	23,600	<5.0	<5.0	<5.0	26,000	420	8.3	100	<0.5	<0.5	100	
	04/22/98	5,000	4.3	9.2	16	14,000	--	13	130	<0.5	<0.5	27	
	07/22/98	3,800	5.7	6.9	11	5,200	750	10	110	--	<1.0	33	
	10/21/98	420	<0.5	2.1	2.7	820	<250	24	82	<0.5	<0.5	31	
	02/05/99	20	<0.5	0.60	0.80	230	230	10	51	<0.5	<0.5	29	
	04/07/99	<0.5	<0.5	<0.5	<0.5	80	<250	15	54	<0.5	<0.5	25	
07/23/99	7.10	<0.5	<0.5	0.80	180	<200	12	32	<0.5	<0.5	12.0		
10/27/99	14	1.4	2.9	7.8	400	<200	13	30	--	<0.5	--		
02/08/00	<0.5	<0.5	<0.5	<0.5	80	<250	13	32	<0.5	<0.5	28.0		
04/26/00	0.7	<0.5	0.6	<0.5	200	340	7.5	39	<0.5	<0.5	22		
MW-27	06/21/96	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5	6.8	<0.5	<0.5	--	
	08/29/96	--	--	--	--	--	--	--	--	--	--	--	
	01/16/97	12	5.0	<0.5	2.6	70	<150	<0.5	5.7	<0.5	<0.5	--	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	<1.0	1.4	--	<1.0	<0.5	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	0.7	<0.5	<0.5	<0.5	
	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	0.7	<0.5	<0.5	<0.5	
	10/27/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/27/00	<0.5	<0.5	<0.5	<0.5	<100	250	<0.5	<0.5	<0.5	<0.5	<0.5	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-28	03/23/93	ND	ND	ND	ND	110	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	2.1	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1	--	--	--	--	--	
	06/03/94	3.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	1.4	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.91	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	18	20	2.2	13	220	<150	5.1	85	<0.5	<0.5	8.2	
	04/15/97	<0.5	<0.5	<0.5	<0.5	120	<150	1.1	150	<0.5	<0.5	7.1	
	07/07/97	<0.5	<0.5	<0.5	<0.5	110	<150	<5.0	170	<5.0	<5.0	7.2	
	10/27/97	3.6	<0.5	<0.5	<0.5	300	--	6.2	120	<0.5	<0.5	36	
	01/27/98	7.6	<0.5	<0.5	<0.5	500	<150	--	--	--	--	56	
	04/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	1.0	89	<0.5	<0.5	8.6	
07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	<1.0	85	--	<1.0	18		
10/21/98	<0.5	<0.5	<0.5	<0.5	<50	<250	0.5	80	<0.5	<0.5	12		
02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	32	29	<0.5	<0.5	5.0	h	
04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	62	<0.5	<0.5	4.5		
07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	50	<0.5	<0.5	1.80		
10/27/99	--	--	--	--	--	<200	--	--	--	--	--		
11/02/99	0.7	<0.5	<0.5	<0.5	<100	--	<0.5	32	--	<0.5	--		
02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	39	<0.5	<0.5	4.30		
04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	<0.5	50	<0.5	<0.5	1.5		
MW-29	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	2.1	11	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	



TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993-2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-29	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.59	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	6.6	8.9	0.6	9.3	120	<150	47	24	<0.5	<0.5	1.8	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	52	21	<5.0	<5.0	1.2	
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	8.0	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	12	29	--	<1.0	7.8	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	68	<0.5	<0.5	8.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	30	38	<0.5	<0.5	4.9	j
	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	44	33	<0.5	1.9	4.70	k, i
10/27/99	<0.5	<0.5	<0.5	<0.5	<100	<200	36	23	--	<0.5	--		
02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	87	25	<0.5	<0.5	18.0	s	
04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	61	38	<0.5	<0.5	12	u	
MW-30	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	2.8	ND	ND	--	--	--	--	--	
	02/25/94	1.3	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	1.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	0.8	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.6	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.98	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--		
01/16/97	<0.5	<0.5	<0.5	0.6	80	<150	<0.5	<0.5	<0.5	0.9	--		

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-30	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	01/27/98	5.4	<0.5	<0.5	<0.5	100	--	--	--	--	--	<0.5	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/27/00	<0.5	<0.5	<0.5	<0.5	<100	250	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-32	03/23/93	391	6.2	3.1	9	440	ND	ND	60	ND	ND	--	
	07/27/93	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	--	
	11/05/93	20	ND	1.8	2.1	170	ND	ND	7.9	ND	ND	--	
	02/25/94	5.6	<1	<1	<1	<100	<1,000	<1	<1	<1	<1	--	
	06/03/94	120	1.3	<0.5	1.4	350	<20,000	<0.5	11	<0.5	<0.5	--	
	08/31/94	39	0.5	2.2	1.2	<500	<500	<4.0	10	<4.0	<4.0	--	
	12/22/94	4.8	<0.5	<0.5	<0.5	<50	<50	<2.0	4.6	<2.0	<2.0	--	a
	03/13/95	220	3.6	6.5	5.8	1,100	<400	<0.5	16	<0.5	<0.5	--	
	06/09/95	1,500	7.9	43	14	2,200	180	0.7	<0.5	0.5	<0.5	--	
	09/21/95	1,200	2.4	72	4.5	2,300	60	<0.5	6.7	<0.5	1.4	--	
	12/12/95	230	<0.5	8.9	<1.0	500	<50	<0.5	28	<0.5	<0.5	--	
	03/12/96	40	<0.5	1.7	<0.5	110	<50	<0.5	6.8	<0.5	<0.5	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	150	<0.5	49	<0.5	700	<150	<0.5	27	<0.5	<0.5	--	
	01/16/97	14	<0.5	1.9	<0.5	150	<150	<0.5	10	<0.5	0.7	--	f
	07/07/97	370	11	110	21	1,600	190	--	--	--	--	11	g
	01/27/98	13	<0.5	1.0	<0.5	300	--	<0.5	7.5	<0.5	<0.5	2.5	
	07/22/98	700	55	88	66	2,300	--	--	--	--	--	14	
	07/22/99	59.0	0.80	1.80	<0.5	900	220	<0.5	5.9	<0.5	<0.5	8.70	
	10/28/99	95	2.5	2.1	1.6	500	<200	<0.5	12	--	<0.5	--	
02/10/00	7.0	<0.5	<0.5	<0.5	120	<250	<0.5	4.3	<0.5	<0.5	1.10		
04/27/00	240	7.0	12	18.8	800	250	<0.5	9.8	<0.5	<0.5	<0.5		
MW-33	04/07/99	0.60	<0.5	0.90	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	8.90	<0.5	1.00	<0.5	<50	<200	0.6	0.7	<0.5	<0.5	<0.5	
	10/28/99	40	0.9	21	3.8	200	<200	0.8	1.3	--	<0.5	--	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-33	02/10/00	20	0.7	12	10.0	380	<250	0.9	0.6	<0.5	<0.5	1.30	
	04/27/00	6.9	<0.5	6.4	<0.5	<100	250	4.3	0.9	<0.5	<0.5	<0.5	
MW-?	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	--	--	--	--	<0.5	
PR-26	07/26/99	20,000	15,000	1,100	7,250	82,500	11,000	--	--	--	--	33.0	
	10/26/99	28,000	25,000	2,300	8,400	110,000	60,000	<0.5	24	--	<0.5	--	
PR-45	07/26/99	13,200	8,200	2,600	15,600	82,500	39,000	--	--	--	--	35.0	
	10/28/99	12,000	8,200	1,700	8,500	45,000	25,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	24,000	25,000	10,000	53,000	360,000	82,000	<0.5	4.0	<0.5	<0.5	1,000	
	04/27/00	17,000	9,500	16,000	92,000	1,300,000	20,300	<5.0	<5.0	<5.0	<5.0	<5.0	
PR-52	07/26/99	12,000	1,720	750	12,400	172,000	40,000	<0.5	1.8	<0.5	<0.5	217	m
	10/28/99	19,000	530	1,800	5,800	40,000	450,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	22,000	1,600	4,100	15,800	200,000	140,000	<0.5	1.3	<0.5	<0.5	430	
	04/28/00	20,000	2,200	4,700	18,600	270,000	88,000	<1.0	<1.0	<1.0	<1.0	<5.0	
PR-53	07/26/99	31,000	12,000	1,900	8,800	110,000	98,000	<0.5	43	<0.5	<0.5	43.0	n
	10/27/99	17,000	3,900	890	3,320	54,000	16,000	<0.5	18	--	<0.5	--	
	02/09/00	21,000	5,000	1,200	5,300	65,000	9,400	0.6	20	<0.5	<0.5	67.0	r
	04/28/00	34,000	30,000	9,300	51,000	730,000	104,000	<1.0	<1.0	<1.0	<1.0	340	
PR-54	07/26/99	32,000	22,000	1,500	21,800	170,000	28,000	<0.5	3.0	<0.5	<0.5	56.0	o
	10/26/99	27,000	10,000	3,700	19,500	190,000	350,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	27,000	23,000	9,900	50,000	960,000	110,000	<0.5	3.9	<0.5	<0.5	1,000	
	04/28/00	24,000	14,000	1,200	9,000	76,000	80,000	<1.0	1.6	<1.0	<1.0	300	
PR-64	07/26/99	22,000	18,000	1,700	10,300	110,000	--	<0.5	130	<0.5	<0.5	35.0	p
	10/27/99	11,000	7,400	1,200	3,900	66,000	50,000	<0.5	110	--	<0.5	--	
	02/09/00	22,000	20,000	6,000	17,000	120,000	40,000	<0.5	>50	<0.5	<0.5	110	
	04/28/00	19,000	16,000	1,800	13,900	130,000	78,000	<1.0	67	<1.0	<1.0	300	
PR-65	07/26/99	12,000	1,400	1,300	13,000	68,000	16,500	<0.5	2.6	<0.5	<0.5	20.0	
	10/26/99	14,000	2,300	1,800	11,000	65,000	50,000	<0.5	<0.5	--	<0.5	--	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
PR-68	07/26/99	1,900	24.0	27.0	62.0	4,900	11,000	<0.5	1.2	<0.5	<0.5	4.40	
	10/26/99	2,800	36	86	62	8,000	2,800	<0.5	<0.5	--	<0.5	--	
PR-76	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
V-24	04/07/99	<0.5	<0.5	<0.5	<0.5	120	<250	--	--	--	--	0.5	
V-31	07/26/99	7,000	600	550	1,370	17,500	5,350	--	--	--	--	19.0	
	10/26/99	7,000	120	850	950	18,000	3,000	<0.5	<0.5	--	<0.5	--	
V-46	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	270	<0.5	<0.5	<0.5	<0.5	<0.5	
V-55	07/22/99	8,000	480	740	2,880	30,000	2,100	<0.5	<0.5	<0.5	<0.5	13.0	
	10/28/99	11,000	59	1,200	317	28,000	38,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	2,200	59	760	350	7,900	10,000	<0.5	<0.5	<0.5	<0.5	9.70	
	04/28/00	2,900	510	440	2,340	14,000	26,500	<5.0	<5.0	<5.0	<5.0	<5.0	
V-72	07/26/99	13,500	6.80	1.10	3.90	3,900	12,900	<0.5	11	<0.5	<0.5	<0.5	
	10/28/99	2,900	58	21	47.7	6,000	48,000	<0.5	3.4	--	<0.5	--	
	02/09/00	670	8.2	<0.5	17.8	890	6,100	<0.5	3.0	<0.5	<0.5	<0.5	
	04/28/00	130	<0.5	<0.5	<0.5	200	5,950	<0.5	0.7	<0.5	<0.5	<0.5	
V-84	07/26/99	2,400	440	80.0	340	8,700	2,350	<0.5	2.4	<0.5	<0.5	6.40	
	10/26/99	1,100	130	46	108	4,000	700	<0.5	<0.5	--	<0.5	--	
	02/09/00	300	30	8.9	53	2,300	1,100	<0.5	1.2	<0.5	<0.5	<0.5	
	04/28/00	30	1.9	<0.5	<0.5	100	550	<5.0	<5.0	<5.0	<5.0	<0.5	
29 (CC-1)	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
30 (CC-2)	07/22/99	0.90	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
30 (CC-2)	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	<0.5	0.7	<0.5	<0.5	<0.5	
81	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	0.70	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
94	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	170	--	--	--	--	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
210	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	960	--	--	--	--	<0.5	
223	10/26/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/10/00	<0.5	<0.5	<0.5	<0.5	<50	640	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/27/00	<0.5	<0.5	<0.5	<0.5	<100	250	<0.5	<0.5	<0.5	<0.5	<0.5	
224	07/26/99	<0.5	<0.5	<0.5	<0.5	<50	640	<0.5	<0.5	<0.5	<0.5	<0.5	
239	07/26/99	55,000	85.0	1,500	190	30,000	--	<0.5	<0.5	<0.5	<0.5	5.30	
	10/26/99	23,000	53	1,500	103.2	28,000	10,000	<0.5	<0.5	--	<0.5	--	
	02/10/00	40,000	48	1,900	52	44,000	21,000	<0.5	1.0	<0.5	<0.5	14.0	
	04/28/00	25,000	540	2,000	710	36,000	12,500	<5.0	<5.0	<5.0	<5.0	<5.0	
241	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
249	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	

## Notes:

- a. Non-diesel peak reported.
- b. No diesel pattern detected; result due to high gasoline concentration.
- c. Bromodichloromethane detected, 0.84  $\mu\text{g/L}$ .
- d. 8 other volatiles detected by 8260.
- e. cis-1,2-DCE detected, 0.7  $\mu\text{g/L}$ .
- f. cis-1,2-DCE detected, 0.8  $\mu\text{g/L}$ .
- g. Values for benzene and ethylbenzene are estimated.
- h. 1,1-DCE detected, 0.9  $\mu\text{g/L}$ .

TABLE 3

CONCENTRATIONS ( $\mu\text{g/L}$ ) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–2000

Well No.	Date Sampled	Concentration ( $\mu\text{g/L}$ )											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
	i.	1,1-DCE detected, 1.6 $\mu\text{g/L}$ .											
	j.	1,1-DCE detected, 1.4 $\mu\text{g/L}$ .											
	k.	1,1-Dichloroethene detected at 2.3 $\mu\text{g/L}$ .											
	l.	cis-1,2-Dichloroethene detected at 2.3 $\mu\text{g/L}$ .											
	m.	Methylene chloride detected at 7.9 $\mu\text{g/L}$ .											
	n.	Methylene chloride detected at 6.2 $\mu\text{g/L}$ .											
	o.	Methylene chloride detected at 2.5 $\mu\text{g/L}$ .											
	p.	Methylene chloride detected at 1.4 $\mu\text{g/L}$ .											
	q.	1,1-Dichloroethene detected at 3.1 $\mu\text{g/L}$ .											
	r.	Methylene chloride detected at 0.8 $\mu\text{g/L}$ .											
	s.	1,1-Dichloroethene detected at 9.6 $\mu\text{g/L}$ .											
	t.	1,1-Dichloroethene detected at 4.2 $\mu\text{g/L}$ .											
	u.	1,1-Dichloroethene detected at 5.2 $\mu\text{g/L}$ .											
ND	Not detected.												
--	Not analyzed or not sampled.												
$\mu\text{g/L}$	Micrograms per liter.												
TPH-g	Total Petroleum Hydrocarbons as gasoline.												
TPH-d	Total Petroleum Hydrocarbons as diesel.												
1,1-DCA	1,1-Dichloroethane.												
1,2-DCA	1,2-Dichloroethane.												
1,1-DCE	1,1-Dichloroethene.												
1,1,1-TCA	1,1,1-Trichloroethane.												
c 1,2-DCE	cis 1,2-Dichloroethylene.												
TCE	Trichloroethene.												
MTBE	Methyl t-butyl ether.												

TABLE 4

NESTLE/OAKLAND  
WELLS SAMPLED AS PART OF ONGOING QUARTERLY MONITORING PLAN

Well Type	Well Name	Casing Diameter (in.)	Total Casing Depth (ft. bgs)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Length of Screened Interval (ft.)	Screen Slot Size (in.)	Filter Pack Type	Seal Type	Seal Top Depth (ft. bgs)	Seal Base Depth (ft. bgs)
Groundwater Monitoring Well	MW3	4.0	25.0	7.0	25.0	18.0	0.030	#3 Sand	Bentonite	4.0	5.0
Groundwater Monitoring Well	MW6	4.0	17.0	7.0	17.0	10.0	0.030	#3 Sand	Bentonite	4.0	5.0
Groundwater Monitoring Well	MW25	4.0	22.5	7.5	22.5	15.0	0.020	#2/16 Sand	Bentonite	5.0	6.5
Groundwater Monitoring Well	MW26	4.0	25.0	10.0	25.0	15.0	0.020	#2/16 Sand	Bentonite	7.5	9.0
Groundwater Monitoring Well	MW27	4.0	24.5	9.0	24.0	15.0	0.020	#2/16 Sand	Bentonite	6.5	8.0
Groundwater Monitoring Well	MW28	4.0	27.0	9.0	27.0	18.0	0.020	#2/16 Sand	Bentonite	6.5	8.0
Groundwater Monitoring Well	MW29	4.0	25.0	9.0	25.0	16.0	0.020	#2/16 Sand	Bentonite	6.5	8.0
Groundwater Monitoring Well	MW30*	2.0	15.6	5.8	15.6	9.9	NR	NR	NR	NR	NR
Groundwater Monitoring Well	MW32*	4.0	23.3	3.6	23.3	19.7	NR	NR	NR	NR	NR
Groundwater Monitoring Well	MW33*	4.0	25.0	2.8	25.0	22.2	NR	NR	NR	NR	NR
Product Recovery Well	PR45	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR52	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR53	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR54	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR64	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
"Numbered" Well	CC1*	2.0	11.4	7.5	11.4	3.9	NR	NR	NR	NR	NR
"Numbered" Well	CC2*	2.0	12.1	7.3	12.1	4.8	NR	NR	NR	NR	NR
"Numbered" Well	223*	2.0	15.0	5.5	15.0	9.5	NR	NR	NR	NR	NR
"Numbered" Well	239*	2.0	14.5	5.3	14.5	9.3	NR	NR	NR	NR	NR
Vapor Well	V55*	4.0	8.5	0.7	8.5	7.8	NR	NR	NR	NR	NR
Vapor Well	V72	4.0	11.6	2.2	11.6	9.5	NR	NR	NR	NR	NR
Vapor Well	V84*	4.0	10.8	1.2	10.8	9.6	NR	NR	NR	NR	NR

NR = Not Reported

\* = Data from 08/28/00 video logging

TABLE 5

GROUNDWATER ANALYTICAL RESULTS,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, FEBRUARY AND APRIL 1999

Well No.	Date Sampled	Concentration (µg/L)									
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1-DCE	MTBE
MW-5	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	<0.50	<0.50	<0.50	<0.50
MW-11	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	--	--	--	<0.50
MW-12	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	--	--	--	<0.50
MW-13	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	--	--	--	<0.50
MW-15	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	430	<0.50	<0.50	<0.50	<0.50
MW-25	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	340	28	59	0.90	28
	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	27	72	1.6	27
MW-26	02/05/99	20	<0.50	0.60	0.80	230	230	10	51	<0.50	29
	04/07/99	<0.50	<0.50	<0.50	<0.50	80	<250	15	54	<0.50	25
MW-27	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	<0.50	0.7	<0.50	<0.50
MW-28	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	32	29	0.90	5.00
	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	<0.50	62	<0.50	4.5
MW-29	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	<0.50	68	<0.50	8.50
	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	30	38	1.4	4.9
MW-30	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	--	--	--	<0.50
MW-33	04/07/99	0.60	<0.50	0.90	<0.50	<50	<250	--	--	--	<0.50
MW-?	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	430	--	--	--	<0.50
PR-76	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	--	--	--	<0.50
V-24	04/07/99	<0.50	<0.50	<0.50	<0.50	120	<250	--	--	--	0.50
V-46	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	270	<0.50	<0.50	<0.50	<0.50



TABLE 5

GROUNDWATER ANALYTICAL RESULTS,  
NESTLE FACILITY, OAKLAND, CALIFORNIA, FEBRUARY AND APRIL 1999

Well No.	Date Sampled	Concentration (µg/L)									
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1-DCE	MTBE
81	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	<150	<0.50	<0.50	<0.50	<0.50
94	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	170	--	--	--	<0.50
210	02/05/99	<0.50	<0.50	<0.50	<0.50	<50	960	--	--	--	<0.50
241	04/07/99	<0.50	<0.50	<0.50	<0.50	<50	<250	--	--	--	<0.50

-- Not analyzed or not sampled.  
µg/L Micrograms per liter.

TPH-g Total Petroleum Hydrocarbons as gasoline.  
TPH-d Total Petroleum Hydrocarbons as diesel.  
1,1-DCA 1,1-Dichloroethane.  
1,2-DCA 1,2-Dichloroethane.  
1,1-DCE 1,1-Dichloroethene.  
MTBE Methyl t-butyl ether.

TABLE 6

NESTLE/OAKLAND  
WELLS SAMPLED FOR FREE PRODUCT

Well Type	Well Name	Casing Diameter (in.)	Total Casing Depth (ft. bgs)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Length of Screened Interval (ft.)	Screen Slot Size (in.)	Filter Pack Type	Seal Type	Seal Top Depth (ft. bgs)	Seal Base Depth (ft. bgs)
Groundwater Monitoring Well	MW7	2.0	17.0	7.0	17.0	10.0	0.030	#3 Sand	Bentonite	4.0	5.0
Groundwater Monitoring Well	MW8	2.0	17.0	7.0	17.0	10.0	0.030	#3 Sand	Bentonite	4.0	5.0
Groundwater Monitoring Well	MW22	2.0	21.4	4.0	21.4	17.4	NR	NR	NR	NR	NR
Groundwater Monitoring Well	MW23	2.0	18.7	3.9	18.7	14.8	NR	NR	NR	NR	NR
Groundwater Monitoring Well	MW24	2.0	10.1	3.5	10.1	6.6	NR	NR	NR	NR	NR
Product Recovery Well	PR12	2.0	15.5	8.0	15.5	7.5	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR20	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR21	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR22	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR23	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR24	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR26	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR27	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR29	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR30	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR32	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR34	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR35	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR36	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR37	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR44	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR45	2.0	15.0	8.0	15.0	7.0	0.125	C.A. Sand	Bentonite	4.0	6.0
Product Recovery Well	PR47	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR48	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR50	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR51	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR52	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR53	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR54	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR55	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR56	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR57	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR58	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR60	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0

TABLE 6

NESTLE/OAKLAND  
WELLS SAMPLED FOR FREE PRODUCT

Well Type	Well Name	Casing Diameter (in.)	Total Casing Depth (ft. bgs)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Length of Screened Interval (ft.)	Screen Slot Size (in.)	Filter Pack Type	Seal Type	Seal Top Depth (ft. bgs)	Seal Base Depth (ft. bgs)
Product Recovery Well	PR61	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR62	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR64	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR65	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR67	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
Product Recovery Well	PR68	2.0	15.0	5.0	15.0	10.0	0.030	#3 Sand	Bentonite	3.0	4.0
"Numbered" Well	243*	2.0	18.0	10.0	18.0	8.0	NR	NR	NR	NR	NR
"Numbered" Well	244*	2.0	18.3	10.6	18.3	7.7	NR	NR	NR	NR	NR
"Numbered" Well	247*	2.0	18.9	10.5	18.9	8.4	NR	NR	NR	NR	NR
"Numbered" Well	253*	2.0	15.2	5.3	15.2	9.9	NR	NR	NR	NR	NR
Vapor Well	V8	4.0	5.2	4.8	5.2	0.4	NR	NR	NR	NR	NR
Vapor Well	V21	4.0	5.0	0.4	5.0	4.6	NR	NR	NR	NR	NR
Vapor Well	V55*	4.0	8.5	0.7	8.5	7.8	NR	NR	NR	NR	NR
Vapor Well	V56	4.0	9.2	1.0	9.2	8.2	NR	NR	NR	NR	NR
Vapor Well	V70	4.0	8.6	0.9	8.6	7.7	NR	NR	NR	NR	NR
Vapor Well	V72	4.0	11.6	2.2	11.6	9.5	NR	NR	NR	NR	NR
Vapor Well	V77	4.0	13.0	4.3	13.0	8.7	NR	NR	NR	NR	NR
Vapor Well	V78A	4.0	8.6	0.9	8.6	7.7	NR	NR	NR	NR	NR
Vapor Well	V78B	4.0	10.6	0.8	10.6	9.8	NR	NR	NR	NR	NR
E Well	E0	6.0	25.7	10.3	25.7	15.4	NR	NR	NR	NR	NR
E Well	E5	6.0	25.5	10.3	25.5	15.2	NR	NR	NR	NR	NR
E Well	E6	6.0	25.3	10.3	25.3	15.0	NR	NR	NR	NR	NR
E Well	E8	6.0	26.6	10.9	26.6	15.7	NR	NR	NR	NR	NR

## Note:

\* Data from 08/28/00 video logging  
C.A. Sand Coarse Aquarium Sand  
NR Not Reported

TABLE 7 CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR SAMPLES, NESTLE FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA, 12-13 AUGUST 1999

Sample ID	Concentration (ppbv)																																								
	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	Acetone	1,3-Butadiene	2-Butanone	Carbon Disulfide	Chlorobenzene	Chloroform	Chloroethane	Cyclohexane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Ethanol	4-Ethyltoluene	Freon 11	Freon 12	Freon 113	Hep-tane	Hex-ane	2-pent-ane	Methylene Chloride	Methyl-1-butyl ether	2-Propanol	Sty-rene	Tetra-chloroethene	Tetra-hydrofuran	1,1,1-Trichloroethane	Tri-chloroethene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	
SB1, 3'	4.3	3.1	<0.65	2.74	NA	NA	77 a	2.8	13	6.2	<0.65	<0.65	<0.65	<2.6	<0.65	<0.65	0.77	<0.65	<0.65	<0.65	<0.65	<2.6	63	<2.6	0.74	0.93	27	<2.6	4.4	3.8	3.7	<2.6	5.6	<0.65	1.2	<2.6	<0.65	<0.65	1.1	<0.65	
SB2, 3'	7.5	12	3.6	17.6	NA	NA	260 a	<2.7	24	9.0	<0.67	3.9	<0.67	12	<0.67	<0.67	1.8	<0.67	<0.67	<0.67	<0.67	<2.7	110	<2.7	1.2	200	<0.67	3.3	5.3	8.1	2.2	<2.7	<2.7	3.0	<0.67	<2.7	<0.67	<0.67	2.0	0.77	
SB3, 3'	9,900	230	68	67	NA	NA	<190	<190	<190	<190	<48	<48	<48	<190	<48	<48	<48	<48	<48	<48	<48	<190	<190	<190	<48	180	<48	<190	590	<190	<48	<190	<190	<48	<48	<190	<48	<48	<48	<48	
SB3, 3' dup	9,500	240	<140	<140	NA	NA	<580	<580	<580	<580	<140	<140	<140	<580	<140	<140	<140	<140	<140	<140	<140	<580	<580	<580	<140	160	<140	<580	580	<580	<140	<580	<580	<140	<140	<580	<140	<140	<140	<140	
SB4, 3'	1,200	76	8.1	18.7	NA	NA	200 a	19	<14	<14	<3.5	<3.5	<3.5	32	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<14	1,400	<14	<3.5	100	<3.5	<14	19	15	340	<14	22	<3.5	160	<14	21	<3.5	<3.5	<3.5	
SB5, 3'	7.6	5.6	0.80	1.9	NA	NA	45 a	61	12	18	<0.71	<0.71	0.77	8.2	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	3.3	55	<2.8	4.4	1.2	3.4	<2.8	<2.8	<2.8	<0.71	<2.8	<2.8	<0.71	<0.71	<2.8	<0.71	<0.71	<0.71	<0.71	<0.71
SB6, 3'	3.0	4.2	<0.68	2.52	NA	NA	11 a	<2.7	4.0	<2.7	<0.68	<0.68	<0.68	<2.7	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<2.7	35	<2.7	<0.68	<0.68	<0.68	<2.7	<2.7	<2.7	<0.68	<2.7	<2.7	<0.68	<0.68	<2.7	<0.68	<0.68	1.1	<0.68	
SB7, 3'	5.9	6.2	0.87	4.3	NA	NA	43 a	3.4	7.9	3.3	<0.73	<0.73	<0.73	5.1	<0.73	<0.73	2.0	<0.73	<0.73	<0.73	<0.73	8.2	94	<2.9	0.74	1.1	<0.73	<2.9	6.8	4.4	<0.73	<2.9	3.8	1.0	2.0	<2.9	<0.73	<0.73	1.8	<0.73	
SB8, 3'	10	12	3.8	15.7	NA	NA	42 a	<11	<11	<11	<2.8	<2.8	<2.8	<11	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<11	62	<11	6.5	630	<2.8	<11	<11	<11	<2.8	<11	<11	<2.8	<2.8	<11	<2.8	<2.8	5.3	<2.8	
SB9, 3'	12	18	1.7	9.9	NA	NA	19 a	<2.7	6.0	<2.7	<0.68	1.1	<0.68	4.9	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<2.7	47	<2.7	1.5	20	<0.68	<2.7	4.3	<2.7	<0.68	<2.7	<0.68	<0.68	<2.7	<0.68	<0.68	2.3	0.77		
SB10, 3'	3.5	2.8	<0.80	1.7	NA	NA	39 a	<3.2	9.7	<3.2	<0.80	1.6	<0.80	<3.2	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<3.2	40	<3.2	<0.80	1.4	<0.80	<3.2	3.9	<3.2	<0.80	<3.2	<3.2	<0.80	<0.80	<3.2	<0.80	<0.80	1.2	<0.80	
SB11, 3'	2.7	1.9	<0.82	0.91	NA	NA	38 a	<3.3	9.9	<3.3	<0.82	3.7	<0.82	<3.3	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	22	23	<3.3	4.6	<0.82	<0.82	<3.3	<3.3	<3.3	1.2	<3.3	<3.3	<0.82	<0.82	<3.3	<0.82	<0.82	0.85	<0.82	
SB12, 3'	250	<70	<70	610	NA	NA	<280	<280	<280	<280	<70	<70	<70	<280	480	<70	76	<70	<70	<70	<70	<280	<280	760	<70	<70	<70	<280	18,000	<280	<70	<280	<280	<70	<70	<280	<70	<70	580	740	
SB13, 3'	0.91	8.5	<0.67	1.3	NA	NA	49 a	<2.7	5.5	6.4	<0.67	<0.67	<0.67	<2.7	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	4.3	410 b	<2.7	<0.67	<0.67	<0.67	3.4	<2.7	<2.7	5.6	<2.7	26	<0.67	<0.67	58	<0.67	<0.67	1.1	<0.67	
SB14, 3'	2.7	5.3	0.87	4.7	NA	NA	10 a	<2.8	3.5	<2.8	<0.70	<0.70	<0.70	<2.8	<0.70	<0.70	1.6	<0.70	<0.70	<0.70	<0.70	<2.8	67	<2.8	<0.70	<0.70	<0.70	<2.8	<2.8	2.8	1.3	2.9	<2.8	0.82	<0.70	<2.8	<0.70	<0.70	2.0	0.81	
SB15, 3'	42	12	1.6	6.7	NA	NA	51 a	13	13	<5.8	<1.4	<1.4	<1.4	<5.8	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<5.8	190	<5.8	<1.4	46	<1.4	<5.8	50	<5.8	4.8	<5.8	<5.8	<1.4	2.1	<5.8	<1.4	<1.4	1.8	<1.4	

Notes:

ppbv Parts per billion volumetric.

a Compound present in laboratory blank greater than reporting limit (background subtraction not performed)

b Needs instrument calibration range

c Not analyzed

d Total zerovalent hydrocarbons as gasoline

e Total zerovalent hydrocarbons as diesel

TABLE 8 CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES, NESTLE FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA, 22-26 JULY 1999

Sample ID	Concentration (ug/L)																																								
	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	Acetone	1,3-Butadiene	2-Butanone	Carbon Disulfide	Chlorobenzene	Chloroform	Chloroethane	Cyclohexane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Ethanol	4-Ethyltoluene	Freon 11	Freon 12	Freon 113	Heptane	Hexane	2-Pentanone	Methylene Chloride	Methyl Toluene Ether	2-Propanone	Styrene	Tetrachloroethene	Tetrahydrofuran	1,1,1-Trichloroethane	Tri-chloroethene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	
30 (CC-2)	0.90	<0.50	<0.50	<0.50	<50	<200	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	<0.50	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA
81	0.70	<0.50	<0.50	<0.50	<50	<200	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	<0.50	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA
94	<0.50	<0.50	<0.50	<0.50	<50	<200	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	<0.50	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA
224	<0.50	<0.50	<0.50	<0.50	<50	640	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	<0.50	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA
239	55,000	85.0	1,500	190	30,000	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	5.30	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA
249	<0.50	<0.50	<0.50	<0.50	<50	<200	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.5	NA	NA	NA	NA	NA	<0.5	<0.50	NA	NA	<0.5	NA	<0.5	<0.5	NA	NA

Notes:

ug/L Micrograms per liter.

NA Not analyzed.

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

**Appendix A**

**Covenant and Environmental Restriction Document**

Recording Requested By:

Nestle USA Inc.  
800 North Brand Blvd.  
Glendale, California 91203

When Recorded, Mail To:

Leroy Griffin  
Hazardous Materials Program Supervisor  
City of Oakland Fire Services  
1605 Martin Luther King Jr. Way  
Oakland, California 94612

This is to certify that this is a true  
and correct copy

\_\_\_\_\_ recorded  
in the Office of the Recorder of  
Alameda County,  
California, as Instrument No.  
2000 175664 on the  
12<sup>th</sup> day of June, 2000  
FIRST AMERICAN TITLE GUARANTY COMPANY  
By: [Signature]

COVENANT AND ENVIRONMENTAL RESTRICTION  
ON PROPERTY

Northeast Portion of the Former Carnation Dairy Facility which Occupies  
1315-1372 14<sup>th</sup> Street and 1315-1385 16<sup>th</sup> Street

This Covenant and Environmental Restriction on Property (this "Covenant") is made as  
of the 8<sup>th</sup> day of JUNE, 2000 by Nestle USA ("Covenantor") who is the Owner of record  
of that certain property situated at 1315-1372 14<sup>th</sup> Street and 1315-1385 16<sup>th</sup> Street, in the City of  
Oakland, County of Alameda, State of California, which contains a contaminated area which is  
more particularly described in Exhibit A attached hereto and incorporated herein by this  
reference (such contaminated area hereinafter referred to as the "Burdened Property"), for the  
benefit of the City of Oakland Fire Services (COFS), with reference to the following facts:

A. The Burdened Property and groundwater underlying the property contains hazardous  
materials.

B. Contamination of the Burdened Property. Soil at the Burdened Property was  
contaminated by releases from petroleum underground storage tanks. These releases resulted in  
contamination of soil and groundwater with organic chemicals including benzene, toluene,  
ethylbenzene, xylenes, and 1,2 -dichloroethane, which are hazardous materials as that term is  
defined in Health & Safety Code Section 25260. Removal of underground storage tanks and  
remediation of the petroleum hydrocarbons was initiated in January 1988 and is summarized  
below:

Tank, Line, and Dispenser Removal

Four (4) underground fuel storage tanks and associated piping were removed in December 1988.  
One (1) 1,000 gallon used-oil tank was removed in January 1989.

## Remedial Actions

**Soil Excavation:** Between January and March 1989, 1,200 cubic yards of soil were removed in the area of the former underground storage tanks and associated piping. This soil was treated on-site and replaced back in the excavated area.

**Liquid Petroleum Hydrocarbon Removal:** Liquid petroleum hydrocarbons were removed using a product skimming system from the subsurface during January through March 1989. Approximately 1,800 gallons were removed during this time period.

**Soil Vapor Extraction:** A soil vapor extraction system operated from January 1994 to December 1995 and removed an estimated 5,200 gallons of hydrocarbon.

**Multi-phase Extraction:** A multi-phase extraction system has been operating at the site since August 1997. Approximately 10,500 pounds of hydrocarbons have been removed using this system. Thickness of petroleum hydrocarbons decreased since August 1997.

C. Exposure Pathways. The contaminants addressed in this Covenant are present in soil and groundwater on the Burdened Property. Without the mitigation measures which have been performed on the Burdened Property, exposure to these contaminants could take place via the following pathways (onsite workers only):

- Ingestion and dermal contact with surface soils;
- Inhalation of volatile emissions from subsurface soils and groundwater

The risk of public exposure to the contaminants has been substantially lessened by the remediation and controls described in part B.

D. Adjacent Land Uses and Population Potentially Affected. The Burdened Property is currently an unused industrial facility and is adjacent to industrial, commercial, and residential land uses.

E. Full and voluntary disclosure to the COFS of the presence of hazardous materials on the Burdened Property has been made and extensive sampling of the Burdened Property has been conducted.

F. Covenantor desires and intends that in order to benefit the COFS, and to protect the present and future public health and safety, the Burdened Property shall be used in such a manner as to avoid potential harm to persons or property that may result from hazardous materials that may have been deposited on portions of the Burdened Property.



ARTICLE I  
GENERAL PROVISIONS

1.1 Provisions to Run with the Land. This Covenant sets forth protective provisions, covenants, conditions and restrictions (collectively referred to as "Restrictions") upon and subject to which the Burdened Property and every portion thereof shall be improved, held, used, occupied, leased, sold, hypothecated, encumbered, and/or conveyed. The restrictions set forth in Article III are reasonably necessary to protect present and future human health and safety or the environment as a result of the presence of hazardous materials in the subsurface below the Burdened Property. Each and all of the Restrictions shall run with the land, and pass with each and every portion of the Burdened Property, and shall apply to, inure to the benefit of, and bind the respective successors in interest thereof, for the benefit of the COFS and all Owners and Occupants. Each and all of the Restrictions are imposed upon the entire Burdened Property. Each and all of the Restrictions run with the land pursuant to section 1471 of the Civil Code. Each and all of the Restrictions are enforceable by the California Regional Water Quality Control Board for the San Francisco Bay Region (the "Board").

1.2 Concurrence of Owners and Lessees Presumed. All purchasers, lessees, or possessors of any portion of the Burdened Property shall be deemed by their purchase, leasing, or possession of such Burdened Property, to be in accord with the foregoing and to agree for and among themselves, their heirs, successors, and assignees, and the agents, employees, and lessees of such owners, heirs, successors, and assignees, that the Restrictions as herein established must be adhered to for the benefit of the COFS and the Owners and Occupants of the Burdened Property and that the interest of the Owners and Occupants of the Burdened Property shall be subject to the Restrictions contained herein.

1.3 Apportionment of Burden Among Multiple Owners. Where ownership of the Burdened Property is held by multiple persons, holding by several titles, the burdens imposed by this Covenant shall be apportioned between them proportionate to the value of the property held by each owner, if such value can be ascertained, and if not, then according to their respective interests in point of quantity. (Cal. Civ. Code, § 1467.)

1.4 Incorporation into Deeds and Leases. Covenantor desires and covenants that the Restrictions set out herein shall be incorporated in and attached to each and all deeds and leases of any portion of the Burdened Property. Recordation of this Covenant shall be deemed binding on all successors, assigns, and lessees, regardless of whether a copy of this Covenant and Agreement has been attached to or incorporated into any given deed or lease.

1.5 Purpose. It is the purpose of this instrument to convey to the COFS real property rights, which will run with the land, to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

ARTICLE II  
DEFINITIONS

2.1 COFS. "COFS" shall mean the City of Oakland Fire Services and shall include its successor agencies, if any.

2.2 Board. "Board" shall mean the California Regional Water Quality Control Board for the San Francisco Bay Region and shall include its successor agencies, if any.

2.3 Improvements. "Improvements" shall mean all buildings, roads, driveways, regradings, and paved parking areas, constructed or placed upon any portion of the Burdened Property.

2.4 Occupants. "Occupants" shall mean Owners and those persons entitled by ownership, leasehold, or other legal relationship to the exclusive right to use and/or occupy all or any portion of the Burdened Property.

2.5 Owner or Owners. "Owner" or "Owners" shall mean the Covenantor and/or its successors in interest, who hold title to all or any portion of the Burdened Property.

ARTICLE III  
DEVELOPMENT, USE AND CONVEYANCE OF THE BURDENED PROPERTY

3.1 Restrictions on Development and Use. Covenantor promises to restrict the use of the Burdened Property as follows:

a. Development of the Burdened Property shall be restricted to industrial, commercial or office space;

b. No residence for human habitation shall be permitted on the Burdened Property;

c. No hospitals shall be permitted on the Burdened Property;

d. No schools for persons under 21 years of age shall be permitted on the Burdened Property;

e. No day care centers for children or day care centers for Senior Citizens shall be permitted on the Burdened Property;

f. No Owners or Occupants of the Burdened Property or any portion thereof shall conduct any excavation work on the Burdened Property, unless expressly permitted in writing by the COFS. Any contaminated soils brought to the surface by grading, excavation, trenching, or

backfilling shall be managed by Covenantor or his agent in accordance with all applicable provisions of local, state and federal law;

g. All uses and development of the Burdened Property shall be consistent with any applicable Board Order or Risk Management Plan, each of which is hereby incorporated by reference including future amendments thereto. All uses and development shall preserve the integrity of any cap, any remedial measures taken or remedial equipment installed, and any groundwater monitoring system installed on the Burdened Property pursuant to the requirements of the COFS, unless otherwise expressly permitted in writing by the COFS. Any development of the Burdened Property will maintain a surface cap of the soil, exclusive of minor landscape areas, by buildings or paved surfaces.

h. No Owners or Occupants of the Property or any portion thereof shall drill, bore, otherwise construct, or use a well for the purpose of extracting water for any use, including but not limited to, domestic, potable, or industrial uses, unless expressly permitted in writing by the Board.

### 3.1.1 Notifications/Access/Non Aggravation

a. The Owner shall notify the COFS of each of the following: (1) The type, cause, location and date of any disturbance to any cap, any remedial measures taken or remedial equipment installed, and of the groundwater monitoring system installed on the Burdened Property pursuant to the requirements of the COFS, which could affect the ability of such cap or remedial measures, remedial equipment, or monitoring system to perform their respective functions and (2) the type and date of repair of such disturbance. Notification to the COFS shall be made by registered mail within ten (10) working days of both the discovery of such disturbance and the completion of repairs;

b. The Covenantor agrees that the COFS, and/or any persons acting pursuant to COFS orders, shall have reasonable access to the Burdened Property for the purposes of inspection, surveillance, maintenance, or monitoring, as provided for in Division 7 of the Water Code.

c. No Owner or Occupant of the Burdened Property shall act in any manner that will aggravate or contribute to the existing environmental conditions of the Burdened Property. All use and development of the Burdened Property shall preserve the integrity of any capped areas.

3.2 Enforcement. Failure of an Owner or Occupant to comply with any of the restrictions, as set forth in paragraph 3.1, shall be grounds for the COFS, by reason of this Covenant, to have the authority to require that the Owner modify or remove any Improvements constructed in violation of that paragraph. Violation of the Covenant shall be grounds for the COFS to file civil actions against the Owner as provided by law.

3.3 Notice in Agreements. After the date of recordation hereof, all Owners and Occupants shall execute a written instrument which shall accompany all purchase agreements or leases relating to the property. Any such instrument shall contain the following statement:

The land described herein contains hazardous materials in soils and in the ground water under the property, and is subject to a deed restriction dated as of June 8, 2000, and recorded ~~on~~ Concurrently herewith ~~200~~, in the Official Records of Alameda County, California, ~~and the covenants, conditions, and restrictions~~ which Covenant and Restriction imposes certain covenants, conditions, and restrictions on usage of the property described herein. This statement is not a declaration that a hazard exists.

ARTICLE IV  
VARIANCE AND TERMINATION

4.1 Variance. Any Owner or, with the Owner's consent, any Occupant of the Burdened Property or any portion thereof may apply to the COFS for a written variance from the provisions of this Covenant.

4.2 Termination. Any Owner or, with the Owner's consent, any Occupant of the Burdened Property or a portion thereof may apply to the COFS for a termination of the Restrictions as they apply to all or any portion of the Burdened Property which consent to termination shall not be unreasonably withheld.

4.3 Term. Unless terminated in accordance with paragraph 4.2 above, by law or otherwise, this Covenant shall continue in effect in perpetuity.

ARTICLE V  
MISCELLANEOUS

5.1 No Dedication Intended. Nothing set forth herein shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Burdened Property or any portion thereof to the general public.

5.2 Notices. Whenever any person gives or serves any notice, demand, or other communication with respect to this Covenant, each such notice, demand, or other communication shall be in writing and shall be deemed effective (1) when delivered, if personally delivered to the person being served or official of a government agency being served, or (2) three (3) business days after deposit in the mail if mailed by United States mail, postage paid certified, return receipt requested:

*If To:* "Covenantor"  
Nestlé USA, Inc.  
Legal Department  
800 North Brand Boulevard  
Glendale, Ca. 91203

If To: "COFS"  
City of Oakland Fire Services  
Attention: Hazardous Materials Program Supervisor  
1605 Martin Luther King Jr. Way  
Oakland, California 94612

5.3 Partial Invalidity. If any portion of the Restrictions or terms set forth herein is determined to be invalid for any reason, the remaining portion shall remain in full force and effect as if such portion had not been included herein.

5.4 Article Headings. Headings at the beginning of each numbered article of this Covenant are solely for the convenience of the parties and are not a part of the Covenant.

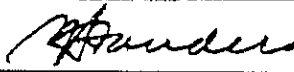
5.5 Recordation. This instrument shall be executed by the Hazardous Materials Program Supervisor of the COFS. This instrument shall be recorded by the Covenantor in the County of Alameda within ten (10) days of the date of execution.

5.6 References. All references to Code sections include successor provisions.

5.7 Construction. Any general rule of construction to the contrary notwithstanding, this instrument shall be liberally construed in favor of the Covenant to effect the purpose of this instrument and the policy and purpose of the Water Code. If any provision of this instrument is found to be ambiguous, an interpretation consistent with the purpose of this instrument that would render the provision valid shall be favored over any interpretation that would render it invalid.

IN WITNESS WHEREOF, the parties execute this Covenant as of the date set forth above.

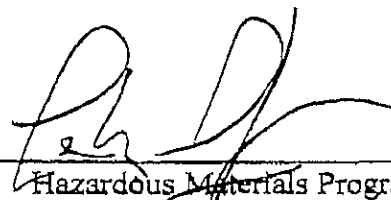
Covenantor: NESTLE USA, Inc.

By:  Robert H. Sanders

Title: V.P.

Date: 6.8.00

Agency: City of Oakland Fire Services

By:  LeRoy Griffin  
Title: Hazardous Materials Program Supervisor

APPENDIX A  
LEGAL DESCRIPTION  
DEED RESTRICTION AREA

LEGAL DESCRIPTION  
DEED RESTRICTION AREA

That certain parcel of land situated in the City of Oakland, County of Alameda, State of California described as follows:

Being a portion of Lots 4 through 23 and a portion Kirkham Street of the Scotchler Tract and Vicinity, Oakland, as shown on a map thereof filed in Book 7 of Maps at Page 21 on December 10, 1874 in the Office of the County Recorder of Alameda County more particularly described as follows:

**BEGINNING** at the intersection of said Kirkham Street and the northwest corner of lot 17, in block 584, as shown on the map of "Re-division of Blocks 584, 585, 601, 153 and 580-A, City of Oakland, County of Alameda, California", filed May 1, 1885, in Book 4 of Maps, at Page 25, in said office of the County Recorder;

Thence, along the northerly line of said Kirkham Street and said lots 13, 12, 11, 10, 9, 8, 7, 6 and 5, North  $72^{\circ}53'28''$  West 292.25 feet to the northwest corner of said lot 5, said point also being the northeasterly corner of that certain parcel of land described in the deed to the State of California, recorded May 12, 1955 in Volume 7658, of Official Records at Page 299, in said office of the County Recorder;

Thence, continuing along said northerly line of Kirkham Street, North  $72^{\circ}53'28''$  West 8.64 feet;

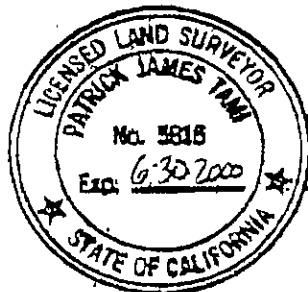
Thence, along said State of California parcel, along a non-tangent 1240 foot radius curve to the right, through a central angle of  $2^{\circ}59'04''$  to the easterly line of the parcel of land described in the deed to the State of California, recorded August 12, 1955 in Book 7749, of Official Records at Page 447, as Instrument Number AK-86901, in said office of the County Recorder;

Thence, along last said State of California parcel (7749 OR 447), along a non-tangent 1240 foot radius curve to the right from a tangent that bears South  $10^{\circ}54'36''$  West to the south line of said lot 22, said southerly line also being the north line of 15<sup>th</sup> Street, as shown on said map of the Scotchler Tract (7 M 21);

Thence, along said northerly line of 15<sup>th</sup> Street and the easterly prolongation of said north line, South  $74^{\circ}03'30''$  East 285.05 feet to the easterly line of said Kirkham Street;

Thence, along said easterly line, North  $15^{\circ}56'30''$  West 209.50 feet to the **POINT OF BEGINNING**.

EXHIBIT attached and by this reference made a part hereof.



*Patrick J. Tami*

Patrick J. Tami, L.S. 5816

# DEED RESTRICTION AREA

16TH STREET

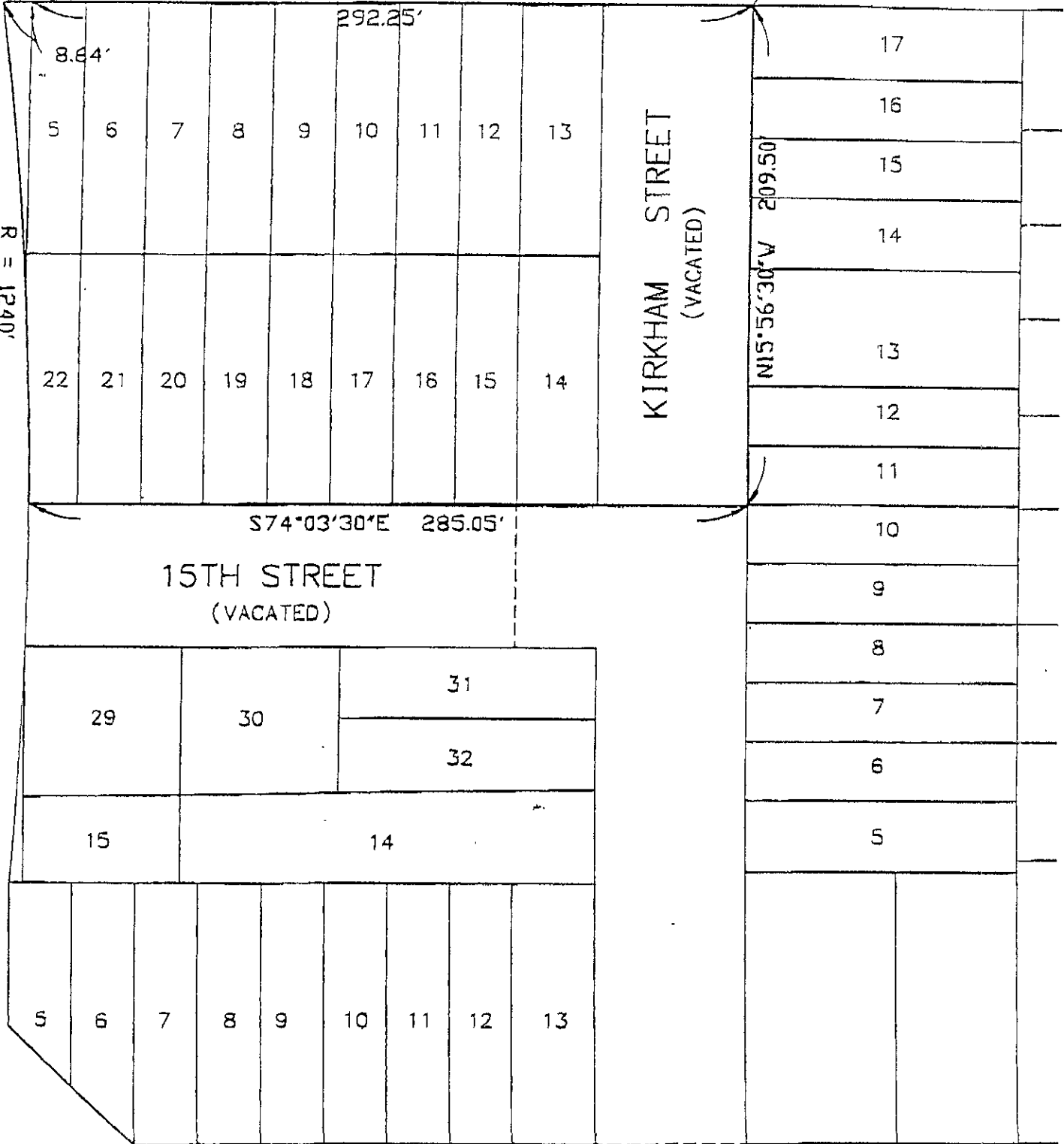
N74°53'28"W 300.89'

P.O.B.

292.25'

8.64'

R = 1240'



17TH STREET



Robert Bain, William Frost & Associates  
 PROFESSIONAL ENGINEERS, PLANNERS & SURVEYORS  
 1587 NORTH BROADWAY SUITE 213A WALNUT CREEK, CALIFORNIA 94598  
 (925) 938-1450 FAX (925) 938-1455 WWW.RBF.COM



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

On 6-2-00 before me, Ellen N. Dolese

Date

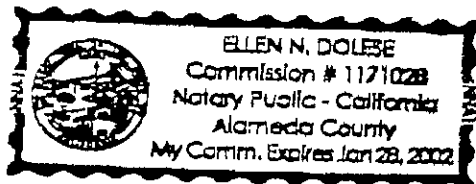
Name and Title of Officer (e.g., "Jana Doe, Notary Public")

personally appeared LeRay Griffin

Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

*Ellen N. Dolese*  
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Covenant + Environmental Restriction on Property

Document Date: 5-25-00 Number of Pages: 12

Signer(s) Other Than Named Above: \_\_\_\_\_

Capacity(ies) Claimed by Signer(s)

Signer's Name: LeRay Griffin

- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer Is Representing:

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer Is Representing:

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of LOS ANGELES } ss.

On JUNE 8, 2000, before me, MARIA HAZEL PERRI, NOTARY PUBLIC

personally appeared ROBERT H. SANDERLS  
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/hers/their authorized capacity(ies), and that by his/hers/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Maria Hazel Perri  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

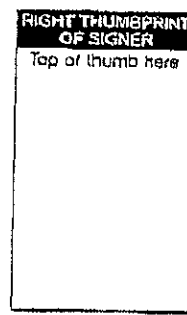
Title or Type of Document: COVENANT & ENVIRONMENTAL RESTRICTION ON PROPERTY

Document Date: MAY 25, 2000 Number of Pages: TWELVE (12)

Signer(s) Other Than Named Above: LEYROY GRIFFIN

**Capacity(ies) Claimed by Signer**

- Signer's Name: ROBERT H. SANDERLS
- Individual
  - Corporate Officer — Title(s): VICE PRESIDENT
  - Partner —  Limited  General
  - Attorney in Fact
  - Trustee
  - Guardian or Conservator
  - Other: \_\_\_\_\_



Signer Is Representing: NESTLE USA, INC.

**Appendix B**

**Risk-Based Corrective Action Analysis**



The Flood Building  
870 Market Street, Suite 712  
San Francisco, CA 94102  
(415) 986-3336  
Fax (415) 986-3370  
jci@javaherianconsulting.com

August 22, 2000

## MEMORANDUM

**To:** Doug Oram, Ph.D.  
ETIC Engineering, Inc.

**From:** Mehrdad M. Javaherian, Ph.D., P.Hg., P.E., DABT  
Javaherian Consulting, Inc.

**Re:** Risk-Based Corrective Action Analysis  
Nestle USA, Inc. Facility  
1310 14<sup>th</sup> Street, Oakland, CA

### 1.0 INTRODUCTION

This memorandum documents a risk-based corrective action (RBCA) analysis and associated conceptual site model (CSM) for the above referenced site (see Figure 1), focusing on protection of human health at and in the vicinity of the site. This analysis was based on RBCA guidelines outlined by the American Society for Testing and Materials (ASTM, 1995 and 1998), the US Environmental Protection Agency ([USEPA], 1991), and the California Environmental Protection Agency Department of Toxic Substance Control ([DTSC], 1999).

This RBCA analysis focuses on continued commercial/industrial land use at the site, with the purpose of determining potential health risks to future site occupants in the absence of continued remediation. The RBCA analysis is supplemented by proposed continued monitoring of groundwater quality focusing on determining the effectiveness of past remediation efforts and natural attenuation in the future (ETIC Engineering, Inc. ([ETIC], 2000a), together with an upcoming risk management plan (RMP) outlining measures for protection of construction workers, land use restrictions, and/or institutional controls for future use of the site.

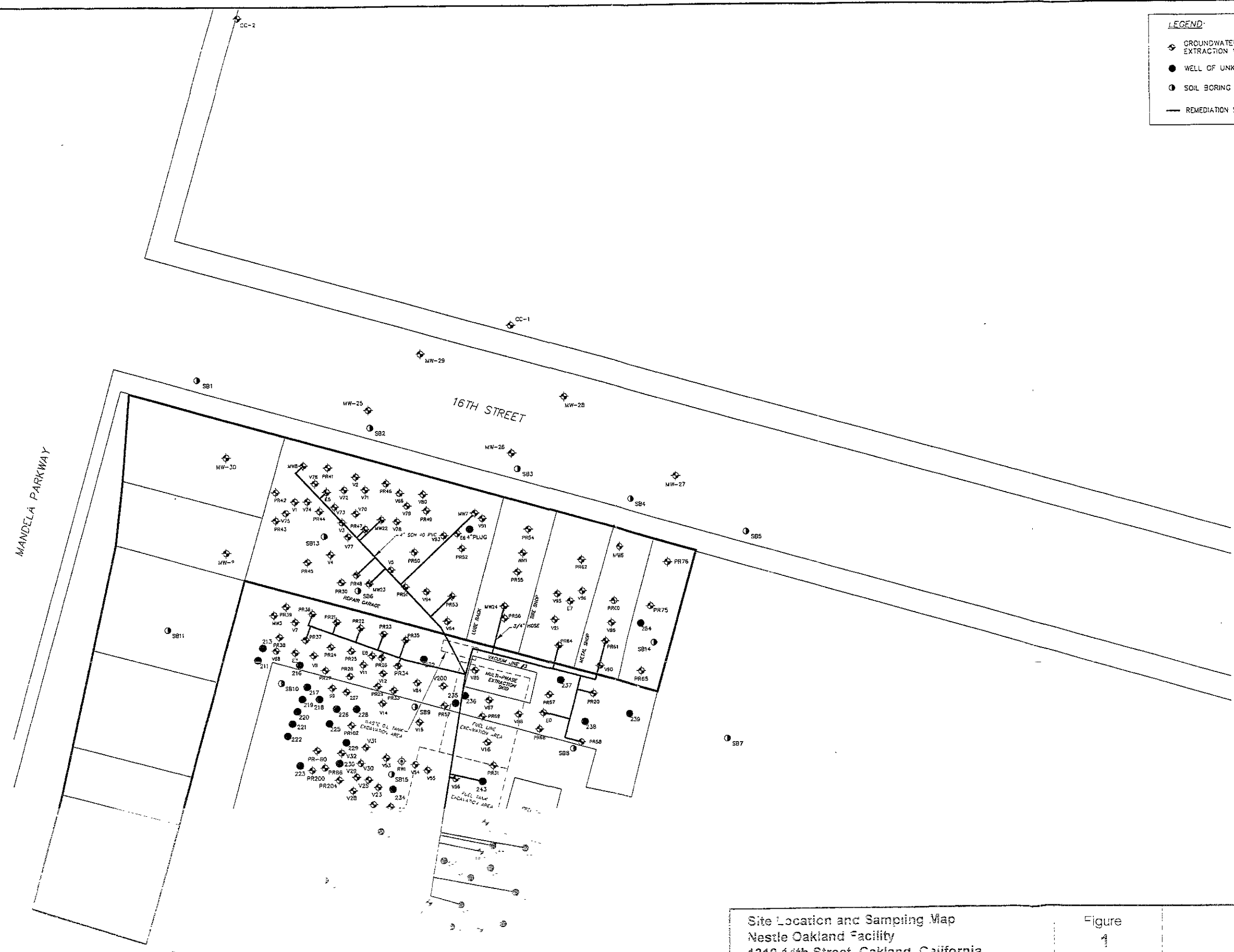
Past investigations and associated site characterization data serving as the basis for this RBCA analysis have been compiled and summarized ETIC Engineering, Inc. ([ETIC], 2000b). This RBCA analysis makes direct references to results of past investigations documented by ETIC, (2000b), with tabular summaries of specific data used for risk calculations included herein.

### 2.0 CONCEPTUAL SITE MODEL

As the initial step in evaluation of health risks resulting from potential exposure to contaminants at the site, a conceptual site model (CSM) of chemical occurrence, fate, transport, and potential exposure was developed. Specifically, the CSM documents sources of chemicals, affected media and transport mechanisms, and potential exposure pathways and

**LEGEND**

- ◆ GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- SOIL BORING LOCATION
- REMEDIATION SYSTEM VACUUM PIPING



Site Location and Sampling Map  
 Nestle Oakland Facility  
 1310 14th Street, Oakland, California  
 SOURCE: ETC Engineering, Inc.

Figure  
 1  
 August 2000

receptors at the site. Development of the CSM was based on available information characterizing land use and hydrogeologic conditions, together with soil gas, soil matrix, and groundwater quality data summarized by ETIC (2000b). Figure 2 is a graphical representation of the CSM, which is comprised of the components summarized below.

### **2.1 Sources of Chemicals**

Historical site investigations have identified the subsurface presence of chemicals consistent with those used at the site (see Appendix I). Occurrence of chemicals in soil and groundwater underlying the site is likely due to historical spills and releases associated with former underground storage tanks (USTs) and dust control operations, which utilized used oil. No primary sources in the form of on-going leaks and/or spills are known to exist at the site, with USTs and associated piping and dispensers removed in 1988 and 1989 (ETIC, 2000b). The presence of residual non-aqueous phase liquids (NAPLs) and impacted soils and groundwater serve as potential secondary sources of chemicals. To address secondary sources, remedial efforts at the site have included soil excavation, NAPL skimming, soil vapor extraction, and multi-phase extraction activities. Details of remedial actions are summarized by ETIC (2000b).

### **2.2 Affected Media and Transport Mechanisms**

Review of historical investigation results indicates the presence of petroleum hydrocarbons and volatile organic compounds (VOCs) in surface soils (< 4 ft below ground surface [bgs]), subsurface soils (>4 ft bgs), and groundwater (see Figures 10 through 21 of ETIC, 2000b). Impacted groundwater is a result of historical dissolution and leaching of chemicals through soils and NAPL migration to the water table. Due to the volatile nature of various chemicals released at the site, soil vapor underlying the site has also been impacted (see Appendix I). Offsite migration of chemicals in groundwater appears limited to the immediate vicinity of the site (see Figures 16 through 18 of ETIC, 2000b). This is due in part to the limited groundwater velocity (0.1 to 1 ft/day) estimated at the site (Harding Lawson Associates [HLA], 1991).

### **2.3 Land and Groundwater Use**

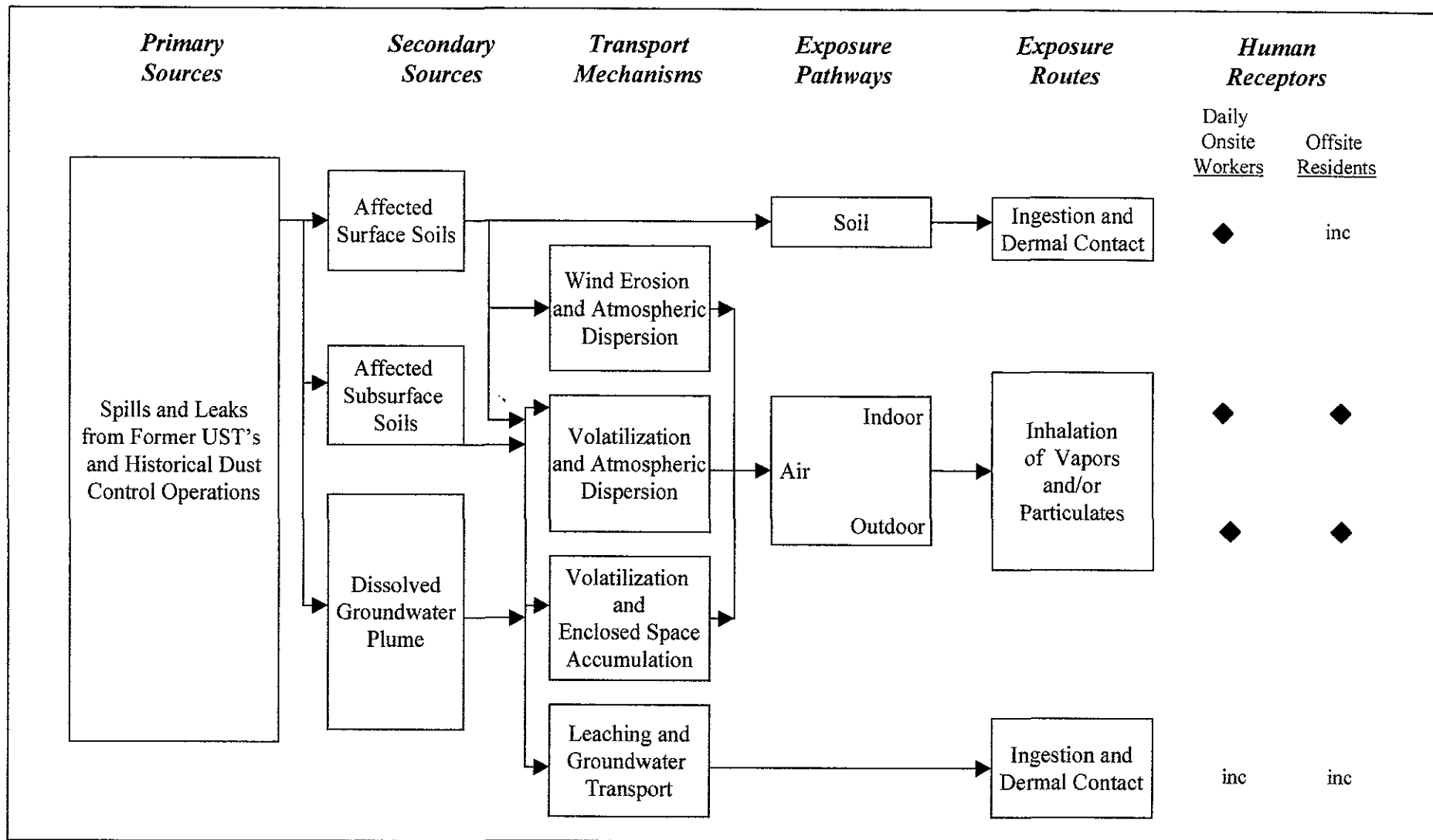
Historical land use at the site has been limited to industrial use. Plans for future property development involve continued industrial/commercial land use (ETIC, 2000b). While much of the area surrounding the site is characterized by industrial land use, a residential building is located approximately 100 feet hydraulically downgradient of the site.

Review of available data indicates that no water supply wells are present at or within a one-mile radius of the site. This finding is based in part on results of two door-to-door well surveys performed in March 1999 and March 2000 (ETIC, 1999 and 2000c). Given the low permeability fine-grained sediments, combined with the limited saturated thickness of the water-bearing formation underlying the site, development of potable water supplies at and in the vicinity of the site is highly unlikely. Furthermore, potential water supply development would likely be limited to deeper water-bearing units, as opposed to the shallow unit impacted by past site operations.

### **2.4 Potential Exposure Pathways and Receptors**

Potential exposure pathways and receptors (exposure scenarios) were evaluated based on the previously defined sources of chemicals, affected media, transport mechanisms, and land use at and in the vicinity of the site. This analysis accounted for the four principal elements of an exposure pathway:

- 1) a source and mechanism of chemical release;
- 2) one or more retention or transport media (e.g., soil, groundwater, and/or air);
- 3) a point of potential contact with the contaminated medium (referred to as the exposure point); and
- 4) an exposure route at the point of contact (e.g., inhalation, ingestion, or dermal contact).



◆ Complete pathway  
inc Incomplete pathway

**Conceptual Site Model**  
Nestle Oakland Facility  
1310 14th Street, Oakland, California

Figure  
**2**  
August 2000



Analysis of exposure pathways links sources, locations, and types of environmental releases with population locations and activity patterns, in order to establish significant and complete exposure pathways. Based on available data, analysis of exposure pathways for human receptors at and in the vicinity of the site is summarized below.

Because of the current presence of a paved surface throughout the site, direct exposure of site occupants to surface soils (<4 ft bgs) and associated contaminants is not likely. Future site development plans (industrial/commercial use) indicate the presence of a paved surface throughout much of the site, with some unpaved areas (ETIC, 2000b). Accordingly, future site occupants may potentially be exposed to chemicals in surface soils within unpaved areas. Direct exposure to soils may occur via ingestion, inhalation, and dermal contact.

Based on the presence of volatile chemicals in soil and groundwater underlying the site, daily onsite industrial/commercial workers may be subject to inhalation of contaminated vapor emissions to outdoor and/or indoor air. Exposure of offsite downwind receptors to vapor emissions from the site is assumed negligible, since the magnitude of risk-based screening levels associated with the inhalation route of exposure will be governed by the larger intake associated with onsite receptors.

Based on the depth to the water table of the shallow aquifer (approximately 5 to 7 feet below ground surface) and absence of potential drinking water sources at and in the vicinity of the site, direct exposure to groundwater at on- and offsite locations is assumed incomplete. Chemical concentrations in groundwater have historically remained at low levels in downgradient monitoring wells immediately adjacent to the site (ETIC, 2000b). As a result, indirect exposure (inhalation of volatiles from groundwater) of nearby residents to chemicals in offsite groundwater is considered insignificant. Nevertheless, this pathway was assumed complete and conservatively evaluated based on potential volatilization of chemicals (to outdoor and indoor air) detected in groundwater at offsite locations.

Review of soil quality data (Appendix I) indicates sporadic detection of chemicals at low levels in unsaturated soils. The higher soil detections are limited to saturated or capillary fringe soils near the water table (approximately 5 ft bgs), where residual NAPLs may be present. The absence of measurable soil contamination above the water table is consistent with historical date of releases and remediation activities, suggesting that soil leaching to groundwater in the future is not a significant release mechanism. This is further corroborated by the stability of chemical concentrations in groundwater (wells MW-28 and MW-29) at offsite locations. Hence, potential (on- and offsite) indirect exposure to chemicals subject to leaching to groundwater in the future was considered negligible. As mentioned above, potential indirect exposure of offsite receptors to chemicals emanating from the site was accounted for through evaluation of exposure to chemicals currently (and historically) detected in groundwater at offsite locations.

Future construction work at the site may also result in exposure of construction workers to chemicals in soil and groundwater. Consistent with RWQCB practice, this risk will be addressed through the RMP for the site, outlining risk management practices and appropriate health and safety measures necessary prior to initiation of construction at the site.

To summarize, the following exposure scenarios corresponding to relevant human receptors were assumed complete in this RBCA analysis:

- Ingestion, inhalation, and dermal contact with surface soils (on-site industrial/commercial worker);
- inhalation of volatile emissions from subsurface soils and groundwater to indoor air (on-site industrial/commercial worker);
- inhalation of volatile emissions from subsurface soils and groundwater to outdoor air (on-site industrial/commercial worker);
- inhalation of volatile emissions from groundwater to indoor air (off-site residents); and
- inhalation of volatile emissions from groundwater to outdoor air (off-site residents).



### 3.0 RISK-BASED CORRECTIVE ACTION ANALYSIS

Making use of available site characterization data, a RBCA analysis based on ASTM (1995 and 1998) USEPA (1991), and DTSC (1999) guidelines was performed. The RBCA process is the integration of site assessment, remedial action selection, and monitoring with USEPA-recommended risk and exposure assessment practices. This creates a process by which corrective action decisions are made in a consistent manner that is protective of human health and the environment.

#### 3.1 Tier I RBCA Input Data

Consistent with the tiered approach adopted by the ASTM RBCA guidelines, the initial attempt at evaluating the risk associated with potential exposure to chemicals emanating from the site was based on a Tier I evaluation. As outlined in ASTM (1995 and 1998), the Tier I evaluation involves comparison of the site-specific chemical source concentrations to highly conservative, generic Risk-Based Screening Levels (RBSLs) based on simplified chemical transport and exposure equations. These algorithms are supplemented by generalized site conditions conservatively represented by default data adopted by ASTM (1995 and 1998). All Tier I input data are included as Appendix II. Chemical-specific toxicity data and chemical-physical properties are included as Appendix III.

For each exposure scenario, chemicals of potential concern (COPCs) and media-specific source concentrations were identified based on available soil matrix, soil vapor, and groundwater quality data. Hydrocarbon fuel mixtures (i.e. total petroleum hydrocarbons [TPH] as gasoline [TPH-g] and as diesel [TPH-d]) were included as COPCs, with risks quantified based on the approach outlined by the Massachusetts Department of Environmental Protection ([MDEP] 1994). The rationale behind selection of COPCs and associated source concentrations for each exposure scenario is summarized below.

**3.1.1 Inhalation, Ingestion, and Dermal Contact with Soils-Onsite Commercial/Industrial Receptor:** For evaluation of direct exposure to chemicals in onsite soils, all chemicals detected in surface soils (<4 ft bgs) were included as COPCs (see Appendix I). As a conservative measure, selection of COPC soil source concentrations focused on historical maximum chemical levels detected in surface soil (see Table 1). Specifically, maximum chemical concentrations in soil samples collected from <4 feet bgs were used to represent soil quality in surface soils. Sample locations are depicted on Figure 1.

**Table 1. Chemicals of Potential Concern and Source Concentrations  
Direct Exposure to Surface Soils Onsite Commercial/Industrial Receptor**

COPC	Sample ID	COPC Source Concentration* (mg/kg)
1,2-Dichloroethane (1,2-DCA)	SB13	2.50E-03
Ethylbenzene	SB13	2.70E-03
Toluene	SB13	2.00E-03
Xylenes	SB13	2.70E-03
TPH-g	SB13	6.30E-01
TPH-d	SB13	3.90E+02

\* Concentrations represent historical maximum values in shallow (<4 ft bgs) soil samples

**3.1.2 Outdoor and Indoor Air Inhalation of Volatiles from Soils and Groundwater-Onsite Commercial/Industrial Receptor:** For evaluation of indirect exposure to chemicals in soils and groundwater, shallow (3 ft bgs) soil vapor quality data within the footprint of contaminated soils and groundwater plumes (see Figure 26 of ETIC, 2000b) were used as representative of COPC source concentrations (Appendix I). Soil vapor concentrations at 3 feet bgs correspond to vapor contribution from all potential subsurface sources, including residual NAPLs, soils, and groundwater. Hence, risk estimates using soil vapor quality data represent total pathway risks to indoor and outdoor receptors from combined soil and groundwater sources. Use of soil vapor data in risk assessments is acknowledged by the USEPA (1989), DTSC (1994, 1999), GSI (1995 and 1997), and the California Regional Water Quality Control Board San Francisco Bay Region

(RWQCB, 1999). The method and rationale behind collection of soil gas samples at the site are summarized by ETIC (2000a and 2000b).

As a result of using soil vapor quality data, chemicals detected in shallow soil vapor samples were included as COPCs, with their maximum detected concentrations used as representative of source levels in vapor phase (see Table 2).

**Table 2. Chemicals of Potential Concern and Source Concentrations  
Volatilization to Outdoor and Indoor Air Pathways Onsite Commercial/Industrial Receptor**

COPC	Sample ID	COPC Source Concentration* (ppbv)
Benzene	SB3	9,900
Toluene	SB3 (dup)	240
Ethylbenzene	SB3	68
Total Xylenes	SB12	610
Methyl t-butyl ether	SB14	2.9
TPH-g	SB12	750,000
Acetone	SB2	260
1,3-Butadiene	SB5	61
2-Butanone	SB2	24
Carbon Disulfide	SB5	18
Chloroform	SB2	3.9
Chloromethane	SB11	3.7
1,2-Dichlorobenzene	SB12	480
1,4-Dichlorobenzene	SB12	76
1,4-Dioxane	SB11	22
Hexane	SB12	18,000
4-Methyl-2-pentanone	SB4	15
Methylene chloride	SB4	340
Styrene	SB2	3
Tetrachloroethene	SB4	160
Tetrahydrofuran	SB13	58
1,1,1-Trichloroethane	SB4	21
1,3,5-Trimethylbenzene	SB12	740
1,2,4-Trimethylbenzene	SB12	580

\* Concentrations represent historical maximum values in shallow (3 ft bgs) soil vapor samples  
dup = Concentration detected in duplicate sample

This list of COPCs represents a larger number of chemicals than those encountered in soil matrix and groundwater beneath the site. Due to the absence of data characterizing chemical toxicity and physical/chemical properties, eight chemicals (Cyclohexane, Ethanol, 4-Ethyltoluene, Freon 11, Freon 12, Freon 113, Heptane, and 2-Propanol) detected in soil vapor samples were excluded as COPCs; however, detection of most of these chemicals was limited in frequency and magnitude (see Appendix I). The limited presence of these chemicals is corroborated by their absence at above detection limits in soil matrix and groundwater samples across the site.

**3.1.3 Outdoor and Indoor Air Inhalation of Volatiles from Groundwater-Offsite Residential Receptor:** For evaluation of potential indirect exposure to chemicals in groundwater at the nearest (100 ft downgradient) residential property, chemicals detected over the past two years in offsite monitoring wells MW-28 and MW-29 (see Figure 1) located approximately 50 ft downgradient of the site were included as COPCs (see Appendix I). As a conservative measure, historical maximum concentrations of these COPCs (Table 3) were used as representative of source concentrations.

**Table 3. Chemicals of Potential Concern and Source Concentrations  
Volatilization to Outdoor and Indoor Air Pathways Offsite Residential Receptor**

COPC	Sample ID	COPC Source Concentration* (mg/l)
Benzene	MW-28	1.80E-02
1,1 DCA	MW-29	8.70E-02
1,2 DCA	MW-28	1.70E-01
cis-1,2 DCE	MW-29	2.30E-03
Ethylbenzene	MW-28	2.20E-03
MTBE	MW-28	5.60E-02
Toluene	MW-28	2.00E-02
TCE	MW-29	1.90E-03
Xylenes	MW-28	1.30E-02

\* Concentrations represent historical maximum values in groundwater at offsite monitoring wells MW-28 and MW-29

The basis for using data from these wells as a conservative representation of potential future COPC concentrations at offsite locations include:

1. stability of the groundwater plume with respect to offsite migration;
2. consistent presence of COPCs at residual levels (i.e. at or below detection levels) in wells MW-28 and MW-29 over the (7-year) period of record (see Appendix I);
3. conservative omission of additional attenuation between the offsite wells and the nearest residential building..

Quarterly monitoring of groundwater quality at MW-28 and MW-29 has been conducted for over 7 years, yielding COPC levels at or around detection limits throughout the monitoring period (see Appendix I). Accordingly, data from these wells and farther downgradient wells CC-1 and CC-2 (see Figure 1) have been used to represent the downgradient extent of COPC plumes in groundwater underlying the site. Comparatively, historical operations at the site date back to 1929 through 1991, with groundwater contamination initially encountered in 1989. Based on estimated groundwater seepage velocities of 0.1 to 1 ft per day (HLA, 1991) and the absence of hydraulic control at the site, quarterly data collected over the past 7 years at MW-28 and MW-29 reflect the stability of the groundwater plume with respect to offsite migration. Hence, use of these data as representative of the offsite presence of chemicals is considered conservative in that it ignores further attenuation in groundwater between monitored locations and potential offsite receptors located 100 to 200 feet downgradient of the site. The occurrence of this attenuation is corroborated by the absence of COPC detections in further downgradient monitoring well CC-1 and sporadic detections at residual levels in monitoring well CC-2.

### 3.2 Tier I RBCA Results

COPCs, media-specific concentrations, and ASTM (1995) default input data were incorporated into the highly conservative ASTM (1995) exposure algorithms, yielding Tier I RBSLs corresponding to target risk and hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively. Tier I output data, including sample calculations using soil vapor data, are included as Appendix IV and are summarized below. Calculation of RBSLs for TPH is summarized in Appendix V. Table 4 depicts a comparison of highly conservative Tier I RBSLs with COPC source concentrations for direct exposure of daily site occupants to chemicals in surface (<4 ft bgs) soils. As indicated in Table 4, source concentrations for all COPCs are protective of the highly conservative Tier I RBSLs for direct exposure to surface soils.

**Table 4. Tier I Results for Direct Exposure to Surface Soils  
Onsite Commercial/Industrial Receptor**

COPC	COPC Source Concentration (mg/kg)	Tier I RBSLs * (mg/kg)
1,2 DCA	2.50E-03	1
Ethylbenzene	2.70E-03	3,400**
Toluene	2.00E-03	6,400**
Xylenes	2.70E-03	66,000**
TPH-g	6.30E-01	1,400
TPH-d	3.90E+02	1,600

\*: RBSL corresponds to lower endpoint of target risk and hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively

\*\* : RBSL is greater than constituent residual saturation in soil

Tables 5 depicts a comparison of the highly conservative Tier I RBSLs with COPC source concentrations for indirect exposure of daily onsite receptors to vapor emissions to outdoor air.

**Table 5. Tier I Results Volatilization-to-Outdoor Air Pathway  
Onsite Commercial/Industrial Receptor**

COPC	COPC Source Concentration (ppbv)	Tier I RBSLs* (ppbv)	Carcinogenic Risk	Non-Carcinogenic Hazard
Benzene	9.9E+03	1.7E+04	5.90E-07	9.80E-03
Toluene	240	6.2E+07	-	3.90E-06
Ethylbenzene	68	1.5E+08	-	4.40E-07
Total Xylenes	610	1.1E+08	-	5.50E-06
Methyl t-butyl ether	2.9	1.1E+07	2.50E-13	5.20E-09
TPH-g	7.5E+05	1.5E+06	-	5.0E-01
Acetone	260	5.8E+07	-	4.50E-06
1,3-Butadiene	61	7.1E+03	8.60E-09	-
2-Butanone	24	2.0E+08	-	1.20E-07
Carbon Disulfide	18	1.1E+08	-	1.60E-07
Chloroform	3.9	1.2E+04	3.20E-10	1.30E-04
Chloromethane	3.7	2.3E+04	1.60E-10	6.50E-08
1,2-Dichlorobenzene	480	2.4E+07	-	2.00E-05
1,4-Dichlorobenzene	76	3.0E+04	2.50E-09	5.90E-06
1,4-Dioxane	22	2.5E+06	8.70E-12	-
Hexane	1.8E+04	1.4E+07	-	1.30E-03
4-Methyl-2-pentanone	15	1.4E+07	-	1.10E-06
Methylene chloride	340	4.1E+05	8.40E-10	7.80E-07
Styrene	3	1.7E+08	-	1.80E-08
Tetrachloroethene	160	4.8E+04	3.30E-09	4.00E-06
Tetrahydrofuran	58	2.5E+05	2.30E-10	1.10E-06
1,1,1-Trichloroethane	21	1.2E+08	-	1.80E-07
1,3,5-Trimethylbenzene	740	2.5E+08	-	3.00E-06
1,2,4-Trimethylbenzene	580	1.4E+09	-	4.10E-07
<b>Total Pathway Risk/Hazard:</b>		-	<b>6.06E-07</b>	<b>5.11E-01</b>

\*: RBSL corresponds to lower endpoint of target risk and hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively

As previously indicated, this analysis made use of maximum detected soil vapor concentrations as representative of vapor contribution from all potential subsurface sources (i.e. residual NAPL, soil, and groundwater). Hence, RBSLs represent soil vapor concentrations at 3 ft bgs (see Appendix IV), corresponding to target risk/hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively.

Due to the quantity of COPCs detected in soil vapor, individual and total pathway risks/hazards were also quantified (see Table 5) to represent potential cumulative impacts. As indicated in Table 5, soil vapor concentrations for all COPCs are protective of the highly conservative Tier I RBSLs. In addition, total pathway (i.e. cumulative) risk/hazard estimates remain protective of the target risk/hazard of  $1 \times 10^{-6}$  and 1.0, respectively.

Table 6 provides a comparison between the highly conservative Tier I RBSLs and COPC source concentrations for indoor air inhalation of vapors associated with daily onsite receptors.

**Table 6. Tier I Results Volatilization-to-Indoor Air Pathway  
Onsite Commercial/Industrial Receptor**

COPC	COPC Source Concentration* (ppbv)	Tier I RBSLs* (ppbv)	Carcinogenic Risk	Non-Carcinogenic Hazard
<b>Benzene</b>	<b>9,900</b>	<b>660</b> ✓	<b>1.50E-05</b>	<b>2.40E-01</b>
Toluene	240	2.4E+06	-	9.80E-05
Ethylbenzene	68	6.2E+06	-	1.10E-05
Total Xylenes	610	4.4E+06	-	1.40E-04
Methyl t-butyl ether	2.9	4.6E+05	6.30E-12	1.30E-07
<b>TPH-g</b>	<b>7.5E+05</b>	<b>6.5E+04</b>	-	<b>1.15E+01</b>
Acetone	260	2.4E+06	-	1.10E-04
1,3-Butadiene	61	2.9E+02	2.10E-07	-
2-Butanone	24	8.3E+06	-	2.90E-06
Carbon Disulfide	18	4.4E+06	-	4.10E-06
Chloroform	3.9	4.9E+02	7.90E-09	3.20E-03
Chloromethane	3.7	1.2E+04	3.10E-10	1.60E-06
1,2-Dichlorobenzene	480	9.4E+05	-	5.10E-04
1,4-Dichlorobenzene	76	1.2E+03	6.30E-08	1.50E-04
1,4-Dioxane	22	1.0E+05	2.20E-10	-
Hexane	1.8E+04	5.6E+05	-	3.20E-02
4-Methyl-2-pentanone	15	5.4E+05	-	2.80E-05
Methylene chloride	340	1.6E+04	2.10E-08	1.90E-05
Styrene	3	6.7E+06	-	4.50E-07
Tetrachloroethene	160	1.9E+03	8.30E-09	1.00E-04
Tetrahydrofuran	58	1.0E+04	5.70E-09	2.70E-05
1,1,1-Trichloroethane	21	4.6E+06	-	4.60E-06
1,3,5-Trimethylbenzene	740	1.0E+07	-	7.40E-05
1,2,4-Trimethylbenzene	580	5.8E+07	-	1.00E-05
<b>Total Pathway Risk/Hazard:</b>		-	<b>1.54E-05</b>	<b>1.17E+01</b>

\*: RBSL corresponds to lower endpoint of target risk and hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively  
 Bolded parameters indicate exceedance of RBSLs.

As indicated in Table 6, with the exception of the benzene and TPH-g, shallow soil vapor concentrations for all COPCs are protective of the highly conservative Tier I RBSLs for indoor air exposure. For the more stringent indoor air pathway, the carcinogenic risk and noncarcinogenic hazard for benzene approximate  $1.5 \times 10^{-5}$  and 0.24, respectively. The carcinogenic risk associated with benzene represents 98 percent of the total pathway risk. The noncarcinogenic hazard for TPH-g represents 98 percent of the total pathway hazard and results in exceedance of the target hazard level of 1.0. Accordingly, benzene and TPH-g volatilization to onsite indoor air was further evaluated in the Tier II analysis.

Table 7 depicts a comparison between highly conservative Tier I RBSLs and COPC concentrations for the groundwater volatilization-to-indoor air and outdoor air pathways for offsite residential receptors. As indicated, with the exception of benzene and 1,2-DCA volatilization-to-indoor air, all COPCs are protective of the highly conservative RBSLs for both indoor and outdoor air exposure pathways.

**Table 7. Tier I Results Volatilization to Indoor and Outdoor Air  
Offsite Residential Receptor**

COPC	COPC Source Concentration (mg/l)	Tier I RBSLs* (mg/l) Groundwater Volatilization to Indoor Air	Tier I RBSLs* (mg/l) Groundwater Volatilization to Outdoor Air
<b>Benzene</b>	<b>1.80E-02</b>	<b>7E-03</b>	<b>3.2</b>
1,1 DCA	8.70E-02	21	11,000**
<b>1,2 DCA</b>	<b>1.70E-01</b>	<b>2.20E-02</b>	<b>7.5</b>
cis-1,2 DCE	2.30E-03	0.780	410**
Ethylbenzene	2.20E-03	77	37,000**
MTBE	5.60E-02	24	3,600
Toluene	2.00E-02	33	16,000**
TCE	1.90E-03	2.80E-02	8
Xylenes	1.30E-02	610**	290,000**

\*: RBSL corresponds to target risk and hazard levels of  $1 \times 10^{-6}$  and 1.0, respectively

\*\* : RBSL is greater than constituent solubility in water

Bolded parameters indicate exceedance of RBSLs.

Based on the Tier I results, the following exposure scenarios were further evaluated in the Tier II analysis:

- Benzene volatilization to indoor air from subsurface sources (Onsite commercial/industrial receptor);
- TPH-g volatilization to indoor air from subsurface sources (Onsite commercial/industrial receptor); and
- Benzene and 1,2-DCA volatilization to indoor air from groundwater (Offsite residential receptor).

### 3.3 Tier II RBCA Input Data

Consistent with the ASTM guidelines, a Tier II analysis was performed on exposure scenarios and COPCs exceeding the highly conservative Tier I RBSLs. Specifically, site-specific target levels (SSTLs) were calculated accounting for site-specific conditions, chemical attenuation between source and receptor locations, and relevant target risk levels.

As part of the Tier II analysis, the highly conservative vapor transport and exposure algorithms used in the Tier I analysis were maintained. The sole deviation from the Tier I analysis involved changes to select input data characterizing site conditions. These data, as summarized in Table 8, correspond to values adopted for the Oakland Urban Land Redevelopment Program Tier I Risk-Based Screening Levels (Spence and Gomez, 1997 and 1999), and accordingly maintain significant conservatism. All other input data were maintained from the Tier I analysis (see Appendix II).

**Table 8. Tier II Input Data**

Parameter	Value	Reference
Depth to groundwater	7 ft	Site specific value
Capillary fringe thickness	2 ft	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Vadose zone thickness	5 ft	Back-calculated from capillary fringe thickness and depth to groundwater
Soil porosity	0.4	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Vadose zone water content	0.25	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Vadose zone air content	0.15	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Capillary fringe water content	0.38	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Capillary fringe air content	0.02	Default value for mixed sediments (Spence and Gomez, 1997 and 1999)
Building air exchange rate	0.00056/s	Default value for Oakland (Spence and Gomez, 1999)
Foundation crack fraction	0.001	Default value (Spence and Gomez, 1997 and 1999)

### 3.4 Tier II RBCA Results

Tier II output data are included as Appendix VI, including sample calculation for Tier II SSTLs using soil gas data. SSTL development for TPH-g is summarized in Appendix V. Results of the Tier II analysis are summarized in Table 9. As indicated in Table 9, Tier II COPC source concentrations are protective of SSTLs for both on- and offsite receptors.

**Table 9. Tier II RBCA Results**

Exposure Scenario	COPC	COPC Source Concentration	Tier II SSTL
Volatilization to Indoor Air-Onsite Commercial/Industrial Receptor	Benzene	9,900 ppbv	43,800 ppbv
Volatilization to Indoor Air-Onsite Commercial/Industrial Receptor	TPH-g	750,000 ppbv	4,000,000 ppbv
Volatilization to Indoor Air-Offsite Residential Receptor	Benzene	0.018 mg/l	1.10 mg/l
Volatilization to Indoor Air-Offsite Residential Receptor	1,2-DCA	0.170 mg/l	3.90 mg/l

### 3.5 Uncertainty Analysis

The assumptions, procedures, and parameters used in this RBCA analysis are subject to various degrees of uncertainty. To this end, conservative assumptions are incorporated into the RBCA process to ensure protection of human health, as documented herein. Specifically, uncertainty and conservatism associated with sample collection and analysis, fate and transport calculations, representation of site conditions, standard exposure factors, toxicological endpoints, and interpretation of target risk levels are documented below.

**3.5.1 Sample Collection and Analysis:** Environmental sampling and analysis error can stem from improper sample collection and handling procedures, inadequate sample numbers, laboratory analysis errors, and the heterogeneity of the subsurface environment. The use of standard techniques such as the collection of duplicates, and the use of trip and method blanks can be used to reduce the likelihood of errors. Errors in data analyses can occur from the simplest tabulation and typographical errors to complex interpretational errors. Matrix interference due to the presence of high concentrations often raise the detection limits of other chemicals in the analytical procedure and introduce uncertainty in the method of data analyses.

The sampling effort implemented at the Nestle site was specifically designed to identify areas that were suspected to have elevated chemical concentrations. This sampling bias resulted in a data base that focused on the worst-case areas of the site. This focused approach resulted in assumptions related to representation of COPC concentrations that make this RBCA analysis conservative in nature. These conditions will result in a significant overestimation of risk and excessively low RBSLs and SSTLs.

**3.5.2 ASTM RBCA Fate and Transport Algorithms:** The ASTM guidelines and the GSI RBCA Spreadsheet System used in this analysis employ a series of simplified fate and transport models for predicting COPC concentrations at points of exposure. The simplified analytic nature of these models, particularly those used to simulate volatilization and transport of vapor emissions to outdoor and indoor air, often result in grossly over-estimated COPC exposure point concentrations (Sanders and Stern, 1994; GSI, 1995 and 1997; AEHS, 1997; Javaherian, 1994 and 1997); in turn, these result in over-estimation of health risks and lower RBSLs and SSTLs. In fact, GSI (1995 and 1997) warns against delineation of cleanup levels based on the use of its formulation for vapor intrusion to indoor air. Examples of physical and chemical processes ignored by the simplified GSI vapor transport models include:

- loss mechanisms- absence of loss mechanisms such as biodegradation and adsorption results in over-estimation of vapor and contaminant flux to outdoor and indoor air;
- depleting contaminant source- use of a non-depleting, constant source results in an unlimited supply of contaminated vapor and an over-estimation of vapor and contaminant flux to outdoor and indoor air over time; and
- water movement- absence of water movement through subsurface soils results in an over-estimation of air-filled porosity and vapor and contaminant flux to outdoor and indoor air.

**3.5.3 Representation of Site Conditions:** As part of the Tier I analysis, the ASTM RBCA process promotes the use of conservative default values for various parameters representing site conditions. This RBCA analysis consistently incorporated conservative assumptions for selection of input parameters, while attempting to maintain a reasonable, site-specific evaluation. Examples of conservative assumptions used to formulate input parameters include:

- On- and offsite buildings will directly overlie locations of historical maximum soil matrix, soil vapor, and groundwater concentrations;
- Cracks may exist in foundations of both onsite and offsite buildings;
- The paved surface at the site has a negligible impact on vapor emissions to outdoor air;
- Historical maximum chemical concentrations in surface soil, soil vapor, and groundwater are representative of current and future source concentrations; and
- No chemical attenuation occurs in groundwater between the site and the location of the nearest offsite residential facility.

Use of these conservative assumptions results in an over-estimation of health risks and lower RBSLs and SSTLs.



**3.5.4 Standard Exposure Factors:** Standard exposure scenarios evaluated in this RBCA analysis incorporate the most likely site-specific exposure pathways and represent the greatest potential for exposure to contaminants at the site. Conservative assumptions consistent with state and federal guidelines were used to conceptualize the exposure scenarios. These methods and procedures contribute to an overall overestimation of potential exposure.

Numerous conservative exposure assumptions serve as the basis for exposure parameters adopted by ASTM (1995). Duration, frequency, and other input parameters were selected to represent the maximally exposed individual and are not an accurate portrayal of time spent at a place of business or residence. The quantitative effect of these uncertainties may be significant in overestimating overall potential health risk.

The exposure parameters used to develop the onsite indoor worker exposure scenarios at the site are conservative estimates of the true exposures. Although indoor workers are present at the site, the assumed duration of exposure is likely to be much greater than the true duration. For instance, an indoor onsite worker is assumed to be indoors 8-hours per day, 250-days per year, for 25 years. In reality, based on Department of Labor statistics regarding average job tenure nationwide, this type of worker would be expected to remain in his/her job less than 10 years.

Further, the hypothetical worker is assumed to be exposed to chemical emissions that were conservatively estimated from maximum reported soil and groundwater concentrations (e.g. Tier I analysis). Therefore, assuming exposure to air concentrations of COPCs based on maximum concentrations and using the conservative exposure parameters provided, the onsite indoor worker scenario significantly overestimates the true risk/hazard associated with site-related COPC emissions; this results in underestimation (i.e. lower) of RBSLs.

Likewise, the onsite outdoor worker is assumed to have the same exposure frequency and duration as the indoor worker. In reality, based on weather conditions alone, a worker will not be outdoors 250-days per year. For the same reasons documented above, a worker would not be expected to remain in his/her job for a 25-year duration. Consequently, the outdoor worker scenario also overestimates the true risk/hazard, while underestimating action levels associated with site-related COPC emissions.

**3.5.5 Toxicological Endpoints:** Several aspects of the toxicological data employed in the ASTM RBCA process contain a high degree of uncertainty that affect estimation of risk and delineation of SSTLs. These uncertainties arise in two primary areas: first, slope factors used in this assessment correspond to the 95% upper confidence limit (UCL) on the low-dose portion of the chemical's dose-response curve, as extrapolated from high-dose human or animal response data using the EPA linearized multistage model (LMS). This assumption means actual risks are likely to be lower than the risk estimates calculated in this assessment.

Second, results of animal studies are often used to predict the potential human health effects of a chemical. Extrapolation of toxicological data from animal tests is one of the largest sources of uncertainty in the human health risk evaluation process. There may be important, but unidentified differences in uptake, metabolism, distribution, and elimination of chemicals between a test species and humans. Animal studies are usually conducted under high-dose conditions, whereas humans are rarely exposed to such high doses. The dose level itself may be responsible for the observed carcinogenic effects. Also, animal lifetimes tend to be less than two years, while assumed human life expectancy is 70 years.

**3.5.6 Interpretation of Target Risk Levels:** The excess lifetime cancer risk used to evaluate carcinogenic compounds is often misunderstood. For example, a risk level of one-in-one million ( $1 \times 10^{-6}$ ) associated with exposure to a particular chemical is often misconstrued as an expectation that one out of one million people exposed to the chemical will be stricken with cancer. In actuality the carcinogenic risk is not an actual risk, but rather a mathematical risk based on conservative scientific assumptions used in the risk assessment process. The Food and Drug Administration (FDA) uses this conservative estimate to ensure that the risk is not understated.

Uncertainties from the various sources discussed above are additive; hence, the overall effect of using conservative assumptions in each step of the risk assessment process results in significant overestimation of potential risks/hazards, and an underestimation of action levels. Accordingly, comparison of COPC concentrations with applicable RBSLs must be viewed with an understanding of the uncertainty and conservatism involved, and how these effect risk estimations. Because of the high degree of conservatism associated with the RBCA process, findings of insignificant risk (high RBSLs) may reflect conditions close to reality; however, findings of measurable risk (low RBSLs) may reflect conditions that result from the conservative nature of the evaluation.

#### 4.0 CONCLUSIONS

Based on the historical levels of chemicals in soil matrix, soil vapor, and groundwater at on- and offsite locations, together with results of this RBCA analysis, the following conclusions are formulated for the site:

- Risks/hazards associated with direct exposure of daily site (commercial/industrial) occupants to observed levels of chemicals in surface soils are protective of USEPA-defined target risk/hazard levels;
- Risks/hazards associated with onsite (commercial/industrial) indoor and outdoor air inhalation of volatiles detected in shallow soil vapor samples are protective of USEPA-defined target risk/hazard levels;
- Risks/hazards associated with offsite (residential) indoor and outdoor air inhalation of volatiles detected in groundwater at offsite locations are protective of USEPA-defined target risk/hazard levels;
- A risk management plan outlining appropriate risk management practices, health and safety measures, and deed restrictions should be developed prior to initiation of construction activities and redevelopment at the site.

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Appendix I

Soil Matrix, Soil Vapor, and Groundwater Quality Data

Table I.1. Concentrations of Volatile Organic Compounds in Soil Samples, 12-13 AUGUST 1999  
NESTLE USA FACILITY, OAKLAND, CA

Sample ID	(µg/kg)				(mg/kg)		(µg/kg)																	
	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d	Chlorobenzene	Chloroform	Chloroethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Freon 11	Freon 12	Methylene Chloride	Methyl- t-butyl ether	Tetra- chloro- ethene	1,1,1-Trichloroethane	Trichloroethene	
SB1, 3.5-4.0	<1.3	<1.3	<1.3	<1.3	<0.13	1,200	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
SB1, 6.5-7.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<1.0	<0.8	<0.8	<0.8
SB2, 3.5-4.0	<0.9	<0.9	<0.9	<0.9	<0.09	<5.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SB2, 6.5-7.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
SB3, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.6	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<1.0	<0.7	<0.7	<0.7
SB3, 6.5-7.0	11,000	190,000	100,000	460,000	6,160	<5.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	1.8	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	73	<0.7	<0.7	<0.7
SB4, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.5	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<1.0	<0.7	<0.7	<0.7
SB4, 6.5-7.0	82	8.5	7.3	13	0.55	94	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1.0	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<1.1	<0.8	<0.8	<0.8
SB5, 3.5-4.0	<0.9	<0.9	<0.9	<0.9	<0.09	<5.5	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.9	<0.6	<0.6	<0.6
SB5, 6.5-7.0	<0.8	<0.8	<0.8	<0.8	<0.08	<5.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
SB6, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<1.0	<0.8	<0.8	<0.8	<0.8
SB6, 6.5-7.0	76,000	490,000	170,000	990,000	10,100	1,100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	430	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	32	<1.0	<1.0	<1.0
SB7, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.4	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<1.0	<0.8	<0.8	<0.8
SB7, 6.5-7.0	<1.1	<1.1	<1.1	<1.1	<0.11	<5.8	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<1.1	<0.9	<0.9	<0.9
SB8, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.6	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<1.0	<0.7	<0.7	<0.7	<0.7
SB8, 6.5-7.0	430	360	120	830	33	<5.8	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	1.2	<0.9	<0.9	<0.9	<0.9	<0.9	22	<0.9	<0.9	<0.9	<0.9
SB9, 3.5-4.0	<0.9	<0.9	<0.9	<0.9	<0.09	<5.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.9	<1.0	<1.0	<1.0
SB9, 6.5-7.0	24	<6.1	<6.1	<6.1	<0.61	<5.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<6.1	<1.1	<1.1	<1.1
SB10, 3.5-4.0	<0.9	<0.9	<0.9	<0.9	<0.09	<5.6	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.9	<0.8	<0.8	<0.8
SB10, 6.5-7.0	<1.3	<1.3	<1.3	<1.3	<0.13	<6.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.3	<1.0	<1.0	<1.0
SB11, 3.5-4.0	<2.0	<2.0	<2.0	<2.0	<0.20	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.0	<1.1	<1.1	<1.1
SB11, 6.5-7.0	<1.1	<1.1	<1.1	<1.1	<0.11	<5.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0
SB12, 3.5-4.0	<1.0	<1.0	<1.0	<1.0	<0.10	<5.5	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<1.0	<0.6	<0.6	<0.6	<0.6
SB12, 4.5-5.0	70	32	4,000	6,700	496	2,900	1.7	<0.9	<0.9	3,100	38	330	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	14	<0.9	<0.9	<0.9	<0.9
SB12, 6.5-7.0	<1.0	<1.0	23	9.8	2.25	60	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	0.6	<1.1	<1.1	<1.1	<1.1
SB13, 3.5-4.0	<1.2	2.0	2.7	2.7	0.63	390	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	2.5	<0.9	<0.9	<0.9	<0.9	<0.9	<1.2	<0.9	<0.9	<0.9	<0.9
SB13, 6.5-7.0	250	48	150	490	12	65	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	3.4	<1.4	<1.4	<1.4	<1.4	<1.4	<5.5	<1.4	<1.4	<1.4	<1.4
SB14, 3.5-4.0	<0.8	<0.8	<0.8	<0.8	<0.08	<5.5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
SB14, 6.5-7.0	560	290	330	1,700	28.5	450	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.7	<1.0	<1.0	<1.0	<1.0	<1.0	84	<1.0	<1.0	<1.0	<1.0
SB15, 3.5-4.0	<5.4	<5.4	<5.4	<5.4	<0.51	140	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<5.4	<0.9	<0.9	<0.9	<0.9
SB15, 6.5-7.0	<6.1	12	<6.1	8.5	<0.57	81	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<6.1	<0.8	<0.8	<0.8	<0.8

Notes

µg/kg Micrograms per kilogram  
mg/kg Milligrams per kilogram  
NA Not analyzed  
TPH-g Total Petroleum Hydrocarbons as gasoline.  
TPH-d Total Petroleum Hydrocarbons as diesel

Table I.2. Concentrations of Volatile Organic Compounds in Soil Vapor Samples, 12-13 AUGUST 1999  
NESTLE USE FACILITY, OAKLAND, CA

Sample ID	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	Acetone	1,3-Butadiene	2-Butanone	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	Cyclohexane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	
SB1, 3'	4.3	3.1	<0.65	2.74	800	77 a	2.8	13	6.2	<0.65	<0.65	<0.65	<2.6	<0.65	<0.65	0.77	<0.65	<0.65	<0.65	<0.65	<0.65
SB2, 3'	7.5	12	3.6	17.6	1100	260 a	<2.7	24	9.0	<0.67	3.9	<0.67	12	<0.67	<0.67	1.8	<0.67	<0.67	<0.67	<0.67	<0.67
SB3, 3'	9.900	230	68	67	36000	<190	<190	<190	<190	<48	<48	<48	<190	<48	<48	<48	<48	<48	<48	<48	<48
SB3, 3' dup	9.500	240	<1.40	<1.40	40000	<580	<580	<580	<580	<140	<140	<140	<580	<140	<140	<140	<140	<140	<140	<140	<140
SB4, 3'	1,200	76	8.1	18.7	4600	200 a	19	<14	<14	<3.5	<3.5	<3.5	32	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5
SB5, 3'	7.6	5.6	0.80	1.9	1900	45 a	61	12	18	<0.71	<0.71	0.77	8.2	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
SB6, 3'	3.0	4.2	<0.68	2.52	560	11 a	<2.7	4.0	<2.7	<0.68	<0.68	<0.68	<2.7	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
SB7, 3'	5.9	6.2	0.87	4.3	780	43 a	3.4	7.9	3.3	<0.73	<0.73	<0.73	5.1	<0.73	<0.73	2.0	<0.73	<0.73	<0.73	<0.73	<0.73
SB8, 3'	10	12	3.8	15.7	1300	42 a	<11	<11	<11	<2.8	<2.8	<2.8	<11	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
SB9, 3'	12	18	1.7	9.9	690	19 a	<2.7	6.0	<2.7	<0.68	1.1	<0.68	4.9	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
SB10, 3'	3.5	2.8	<0.80	1.7	610	39 a	<3.2	9.7	<3.2	<0.80	1.6	<0.80	<3.2	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
SB11, 3'	2.7	1.9	<0.82	0.91	520	38 a	<3.3	9.9	<3.3	<0.82	<0.82	3.7	<3.3	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
SB12, 3'	250	<70	<70	610	750000	<280	<280	<280	<280	<70	<70	<70	<280	480	<70	76	<70	<70	<70	<70	<70
SB13, 3'	0.91	8.5	<0.67	1.3	550	49 a	<2.7	5.5	6.4	<0.67	<0.67	<0.67	<2.7	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
SB14, 3'	2.7	5.3	0.87	4.7	620	10 a	<2.8	3.5	<2.8	<0.70	<0.70	<0.70	<2.8	<0.70	<0.70	1.6	<0.70	<0.70	<0.70	<0.70	<0.70
SB15, 3'	42	12	1.6	6.7	2100	51 a	13	13	<5.8	<1.4	<1.4	<1.4	<5.8	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4

Notes

All Concentrations in ppbv

ppbv Parts per billion volumetric.

a Compound present in laboratory blank greater than reporting limit (background subtraction not performed)

b Exceeds instrument calibration range.

NA Not analyzed

TPH-g Total Petroleum Hydrocarbons as gasoline

TPH-d Total Petroleum Hydrocarbons as diesel.

Table I.2 (Continued)

Sample ID	1,4-Dioxane	Ethanol	4-Ethyltoluene	Freon 11	Freon 12	Freon 113	Heptane	Hexane	4-Methyl-2-pentanone	Methylene Chloride	Methyl t-butyl ether	2-Propanol	Styrene	Tetrachloroethene	Tetrahydrofuran	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Tri-methylbenzene	1,3,5-Tri-methylbenzene
SB1, 3'	<2.6	63	<2.6	0.74	0.93	27	<2.6	4.4	3.8	3.7	<2.6	5.6	<0.65	1.2	<2.6	<0.65	<0.65	1.1	<0.65
SB2, 3'	<2.7	110	<2.7	1.2	200	<0.67	3.3	5.3	8.1	2.2	<2.7	<2.7	3.0	<0.67	<2.7	<0.67	<0.67	2.0	0.77
SB3, 3'	<190	<190	<190	<48	180	<48	<190	590	<190	<48	<190	<190	<48	<48	<190	<48	<48	<48	<48
SB3, 3' dup	<580	<580	<580	<140	160	<140	<580	580	<580	<140	<580	<580	<140	<140	<580	<140	<140	<140	<140
SB4, 3'	<14	1,400	<14	<3.5	100	<3.5	<14	19	15	340	<14	22	<3.5	160	<14	21	<3.5	<3.5	<3.5
SB5, 3'	3.3	55	<2.8	4.4	1.2	3.4	<2.8	<2.8	<2.8	<0.71	<2.8	<2.8	<0.71	<0.71	<2.8	<0.71	<0.71	<0.71	<0.71
SB6, 3'	<2.7	35	<2.7	<0.68	<0.68	<0.68	<2.7	<2.7	<2.7	<0.68	<2.7	<2.7	<0.68	<0.68	<2.7	<0.68	<0.68	1.1	<0.68
SB7, 3'	8.2	94	<2.9	0.74	1.1	<0.73	<2.9	6.8	4.4	<0.73	<2.9	3.8	1.0	2.0	<2.9	<0.73	<0.73	1.8	<0.73
SB8, 3'	<11	62	<11	6.5	630	<2.8	<11	<11	<11	<2.8	<11	<11	<2.8	<2.8	<11	<2.8	<2.8	5.3	<2.8
SB9, 3'	<2.7	47	<2.7	1.5	20	<0.68	<2.7	4.3	<2.7	<0.68	<2.7	<2.7	<0.68	<0.68	<2.7	<0.68	<0.68	2.3	0.77
SB10, 3'	<3.2	40	<3.2	<0.80	1.4	<0.80	<3.2	3.9	<3.2	<0.80	<3.2	<3.2	<0.80	<0.80	<3.2	<0.80	<0.80	1.2	<0.80
SB11, 3'	22	23	<3.3	4.6	<0.82	<0.82	<3.3	<3.3	<3.3	1.2	<3.3	<3.3	<0.82	<0.82	<3.3	<0.82	<0.82	0.85	<0.82
SB12, 3'	<280	<280	760	<70	<70	<70	<280	18,000	<280	<70	<280	<280	<70	<70	<280	<70	<70	580	740
SB13, 3'	4.3	410 b	<2.7	<0.67	<0.67	<0.67	3.4	<2.7	<2.7	5.6	<2.7	26	<0.67	<0.67	58	<0.67	<0.67	1.1	<0.67
SB14, 3'	<2.8	67	<2.8	<0.70	<0.70	<0.70	<2.8	<2.8	2.8	1.3	2.9	<2.8	0.82	<0.70	<2.8	<0.70	<0.70	2.0	0.81
SB15, 3'	<5.8	190	<5.8	<1.4	46	<1.4	<5.8	50	<5.8	4.8	<5.8	<5.8	<1.4	2.1	<5.8	<1.4	<1.4	1.8	<1.4

## Notes

All Concentrations in ppbv

ppbv Parts per billion volumetric

a Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

b Exceeds instrument calibration range

NA Not analyzed

TPH-g Total Petroleum Hydrocarbons as gasoline

TPH-d Total Petroleum Hydrocarbons as diesel



**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-2	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	11/05/93	--	--	--	--	--	--	--	--	--	--	--	--
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	--
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--
	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.8	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--
	09/21/95	0.7	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--
	01/16/97	<0.5	<0.5	<0.5	<0.5	<50	<150	0.7	<0.5	<0.5	<0.5	--	--
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	--
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	<0.5	--
07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5	--	
07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	--	
MW-3	03/23/93	35	2.9	2	3.2	300	ND	--	--	--	--	--	--
	07/27/93	97	1	4	1.1	220	ND	--	--	--	--	--	--
	11/05/93	4.9	ND	ND	1.2	170	ND	--	--	--	--	--	--
	02/25/94	42	<1	<1	<1	100	<1,000	--	--	--	--	--	--
	06/03/94	120	8.2	8.4	4.5	320	<20,000	--	--	--	--	--	--
	08/31/94	83	1.1	5.3	2.9	<500	<500	--	--	--	--	--	--
	12/22/94	1,460	18	100	50	3,800	270	--	--	--	--	--	--
	03/13/95	3,600	260	270	280	14,000	1,700	--	--	--	--	--	--
	06/09/95	4,700	58	140	71	3,700	120	--	--	--	--	--	--
	09/21/95	9,800	58	600	95	14,000	300	--	--	--	--	--	--
	12/12/95	330	2.1	47	5.3	700	<50	--	--	--	--	--	--
	03/12/96	350	4.6	23	8.7	600	<50	--	--	--	--	--	--
	06/21/96	940	76	98	57	1,900	<50	--	--	--	--	--	--
08/29/96	420	29	44	28	900	<150	--	--	--	--	--	--	
01/16/97	1,600	270	120	194	3,600	700	<0.5	9.2	<0.5	<0.5	--	--	

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes	
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE		
MW-3	04/15/97	1,300	300	180	160	4,300	800	<0.5	16	<0.5	1.1	6.9		
	07/07/97	100	84	100	67	1,900	350	--	--	--	--	3.8		
	10/27/97	1,030	60	54	40	2,200	--	<0.5	2.4	<0.5	<0.5	3.1		
	01/27/98	1,070	98	73	69	3,200	--	--	--	--	--	3.9		
	04/22/98	610	56	49	54	1,800	--	<0.5	3.0	<0.5	<0.5	1.1		
	07/22/98	1,800	230	160	180	3,600	370	--	--	--	--	5.0		
	10/21/98	78	1.0	3.8	0.6	110	<250	<0.5	0.6	<0.5	<0.5	<0.5		
	07/23/99	1,500	140	76.0	260	4,000	790	<0.5	1.0	<0.5	<0.5	5.60		
	10/28/99	1,100	43	58	102	3,000	600	<0.5	0.9	--	<0.5	--		
	02/10/00	690	22	36	49	1,400	520	<0.5	<0.5	<0.5	<0.5	2.20		
	04/27/00	1,100	140	73	163	2,400	250	<0.5	0.6	<0.5	<0.5	<0.5		
MW-5	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5		
MW-6	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--		
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--		
	11/05/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--		
	02/25/94	<1	<1	<1	3.5	<100	<1,000	--	--	--	--	--		
	06/03/94	2.7	<0.5	<0.5	<0.5	69	<20,000	--	--	--	--	--		
	08/31/94	<0.3	8.7	1.6	3.5	<500	<500	--	--	--	--	--		
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a	
	03/13/95	1.2	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--		
	06/09/95	0.6	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--		
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--		
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--		
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--		
	06/21/96	--	--	--	--	--	--	--	--	--	--	--		
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--		
	01/16/97	5.5	16	2.9	16	140	220	<0.5	6.3	<0.5	<0.5	--		
07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5			
07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5			
MW-11	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5		
MW-12	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5		

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-13	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
MW-15	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-25	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	4.2	4.4	2.5	20	170	ND	--	--	--	--	--	
	02/25/94	2.1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	2.4	14	<0.5	3.4	97	<20,000	--	--	--	--	--	
	08/31/94	0.5	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.58	<0.5	<0.5	<0.5	150	950	--	--	--	--	--	
	06/09/95	0.8	<0.5	<0.5	<0.5	<100	60	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	120	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	90	<150	--	--	--	--	--	
	01/16/97	0.6	<0.5	<0.5	<0.5	80	<150	25	41	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	140	<150	--	--	--	--	11	
	01/27/98	<0.5	<0.5	<0.5	<0.5	<100	--	--	--	--	--	10	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	24	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	340	28	59	<0.5	<0.5	28	h
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	27	72	<0.5	<0.5	27	i
07/23/99	1.80	<0.5	<0.5	<0.5	<50	<200	30	58	<0.5	<0.5	23.0		
10/27/99	<0.5	1.4	<0.5	1.0	<100	<200	35	47	--	<0.5	--		
<b>02/08/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>100</b>	<b>&lt;250</b>	<b>39</b>	<b>41</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>29.0</b>	<b>q</b>	
<b>04/26/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;100</b>	<b>&lt;250</b>	<b>51</b>	<b>38</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>18</b>	<b>t</b>	
MW-26	03/23/93	180	190	55	330	7,000	1,300	ND	ND	ND	ND	--	
	07/27/93	470	96	30	80	1,800	ND	ND	140	ND	ND	--	
	11/05/93	4,700	1,300	9	1,400	19,000	ND	ND	120	ND	ND	--	
	02/25/94	4,800	570	200	860	14,000	<1,000	<1	28	<1	<1	--	

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-26	06/03/94	4,100	300	120	230	12,000	<20,000	1.7	140	<0.5	<0.5	--	c
	08/31/94	4,100	360	170	450	93,000	1,400	<4.0	<4.0	<4.0	<4.0	--	
	12/22/94	1,030	170	85	290	5,000	560	<2.0	<2.0	<2.0	<2.0	--	d
	03/13/95	320	19	23	66	3,000	810	53	5.8	<0.5	<0.5	--	
	06/09/95	14,000	64	31	230	10,800	310	240	3.1	1	<0.5	--	
	09/21/95	1,900	160	160	330	8,000	200	1.3	120	<0.5	<0.5	--	
	12/12/95	13,000	38	36	120	25,000	0.6	1.4	180	<0.5	<0.5	--	b
	03/12/96	9,000	33	30	65	4,400	<50	<0.5	180	<0.5	<0.5	--	
	06/21/96	14,000	27	16	66	5,400	<50	3.2	170	<0.5	<0.5	--	
	08/29/96	8,500	26	28	74	19,000	<150	<0.5	160	<0.5	<0.5	--	
	01/16/97	6,500	21	31	47	4,600	--	4.3	>50	<0.5	<0.5	26	
	04/15/97	16,000	33	40	160	26,000	2,200	3.5	97	<0.5	2.4	40	c
	07/07/97	22,000	44	170	200	28,000	1,100	<5.0	<5.0	<5.0	<5.0	95	
	10/27/97	16,000	26	100	37	30,000	--	3.6	92	<0.5	<0.5	38	
	01/27/98	23,600	<5.0	<5.0	<5.0	26,000	420	8.3	100	<0.5	<0.5	100	
	04/22/98	5,000	4.3	9.2	16	14,000	--	13	130	<0.5	<0.5	27	
	07/22/98	3,800	5.7	6.9	11	5,200	750	10	110	--	<1.0	33	
	10/21/98	420	<0.5	2.1	2.7	820	<250	24	82	<0.5	<0.5	31	
	02/05/99	20	<0.5	0.60	0.80	230	230	10	51	<0.5	<0.5	29	
	04/07/99	<0.5	<0.5	<0.5	<0.5	80	<250	15	54	<0.5	<0.5	25	
07/23/99	7.10	<0.5	<0.5	0.80	180	<200	12	32	<0.5	<0.5	12.0		
10/27/99	14	1.4	2.9	7.8	400	<200	13	30	--	<0.5	--		
<b>02/08/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>80</b>	<b>&lt;250</b>	<b>13</b>	<b>32</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>28.0</b>		
<b>04/26/00</b>	<b>0.7</b>	<b>&lt;0.5</b>	<b>0.6</b>	<b>&lt;0.5</b>	<b>200</b>	<b>340</b>	<b>7.5</b>	<b>39</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>22</b>		
MW-27	06/21/96	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5	6.8	<0.5	<0.5	--	
	08/29/96	--	--	--	--	--	--	--	--	--	--	--	
	01/16/97	12	5.0	<0.5	2.6	70	<150	<0.5	5.7	<0.5	<0.5	--	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	<1.0	1.4	--	<1.0	<0.5	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	0.7	<0.5	<0.5	<0.5	
	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	0.7	<0.5	<0.5	<0.5	
	10/27/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	<b>02/08/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;250</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	
	<b>04/27/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;100</b>	<b>250</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-28	03/23/93	ND	ND	ND	ND	110	ND	--	--	--	--	--	--
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	11/05/93	ND	ND	ND	2.1	ND	ND	--	--	--	--	--	--
	02/25/94	<1	<1	<1	<1	<100	<1	--	--	--	--	--	--
	06/03/94	3.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--
	08/31/94	1.4	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.91	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--
	06/21/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--
	01/16/97	18	20	2.2	13	220	<150	5.1	85	<0.5	<0.5	8.2	--
	04/15/97	<0.5	<0.5	<0.5	<0.5	120	<150	1.1	150	<0.5	<0.5	7.1	--
	07/07/97	<0.5	<0.5	<0.5	<0.5	110	<150	<5.0	170	<5.0	<5.0	7.2	--
	10/27/97	3.6	<0.5	<0.5	<0.5	300	--	6.2	120	<0.5	<0.5	36	--
	01/27/98	7.6	<0.5	<0.5	<0.5	500	<150	--	--	--	--	56	--
	04/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	1.0	89	<0.5	<0.5	8.6	--
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	<1.0	85	--	<1.0	18	--
	10/21/98	<0.5	<0.5	<0.5	<0.5	<50	<250	0.5	80	<0.5	<0.5	12	--
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	32	29	<0.5	<0.5	5.0	h
04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	62	<0.5	<0.5	4.5	--	
07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	50	<0.5	<0.5	1.80	--	
10/27/99	--	--	--	--	--	<200	--	--	--	--	--	--	
11/02/99	0.7	<0.5	<0.5	<0.5	<100	--	<0.5	32	--	<0.5	--	--	
<b>02/08/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;250</b>	<b>&lt;0.5</b>	<b>39</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>4.30</b>	--	
<b>04/26/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;100</b>	<b>&lt;250</b>	<b>&lt;0.5</b>	<b>50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>1.5</b>	--	
MW-29	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	11/05/93	ND	ND	2.1	11	ND	ND	--	--	--	--	--	--
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	--
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-29	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.59	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	6.6	8.9	0.6	9.3	120	<150	47	24	<0.5	<0.5	1.8	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	52	21	<5.0	<5.0	1.2	
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	8.0	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	12	29	--	<1.0	7.8	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	68	<0.5	<0.5	8.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	30	38	<0.5	<0.5	4.9	j
	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	44	33	<0.5	1.9	4.70	k, l
	10/27/99	<0.5	<0.5	<0.5	<0.5	<100	<200	36	23	--	<0.5	--	
<b>02/08/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;50</b>	<b>&lt;250</b>	<b>87</b>	<b>25</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>18.0</b>	<b>s</b>	
<b>04/26/00</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;100</b>	<b>&lt;250</b>	<b>61</b>	<b>38</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>12</b>	<b>u</b>	
MW-30	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	2.8	ND	ND	--	--	--	--	--	
	02/25/94	1.3	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	1.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	0.8	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.6	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.98	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
01/16/97	<0.5	<0.5	<0.5	0.6	80	<150	<0.5	<0.5	<0.5	0.9	--		

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-30	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	01/27/98	5.4	<0.5	<0.5	<0.5	100	--	--	--	--	--	<0.5	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/27/00	<0.5	<0.5	<0.5	<0.5	<100	250	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-32	03/23/93	391	6.2	3.1	9	440	ND	ND	60	ND	ND	--	
	07/27/93	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	--	
	11/05/93	20	ND	1.8	2.1	170	ND	ND	7.9	ND	ND	--	
	02/25/94	5.6	<1	<1	<1	<100	<1,000	<1	<1	<1	<1	--	
	06/03/94	120	1.3	<0.5	1.4	350	<20,000	<0.5	11	<0.5	<0.5	--	
	08/31/94	39	0.5	2.2	1.2	<500	<500	<4.0	10	<4.0	<4.0	--	
	12/22/94	4.8	<0.5	<0.5	<0.5	<50	<50	<2.0	4.6	<2.0	<2.0	--	a
	03/13/95	220	3.6	6.5	5.8	1,100	<400	<0.5	16	<0.5	<0.5	--	
	06/09/95	1,500	7.9	43	14	2,200	180	0.7	<0.5	0.5	<0.5	--	
	09/21/95	1,200	2.4	72	4.5	2,300	60	<0.5	6.7	<0.5	1.4	--	
	12/12/95	230	<0.5	8.9	<1.0	500	<50	<0.5	28	<0.5	<0.5	--	
	03/12/96	40	<0.5	1.7	<0.5	110	<50	<0.5	6.8	<0.5	<0.5	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	150	<0.5	49	<0.5	700	<150	<0.5	27	<0.5	<0.5	--	
	01/16/97	14	<0.5	1.9	<0.5	150	<150	<0.5	10	<0.5	0.7	--	f
	07/07/97	370	11	110	21	1,600	190	--	--	--	--	11	g
	01/27/98	13	<0.5	1.0	<0.5	300	--	<0.5	7.5	<0.5	<0.5	2.5	
	07/22/98	700	55	88	66	2,300	--	--	--	--	--	14	
	07/22/99	59.0	0.80	1.80	<0.5	900	220	<0.5	5.9	<0.5	<0.5	8.70	
	10/28/99	95	2.5	2.1	1.6	500	<200	<0.5	12	--	<0.5	--	
02/10/00	7.0	<0.5	<0.5	<0.5	120	<250	<0.5	4.3	<0.5	<0.5	1.10		
04/27/00	240	7.0	12	18.8	800	250	<0.5	9.8	<0.5	<0.5	<0.5		
MW-33	04/07/99	0.60	<0.5	0.90	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	8.90	<0.5	1.00	<0.5	<50	<200	0.6	0.7	<0.5	<0.5	<0.5	
	10/28/99	40	0.9	21	3.8	200	<200	0.8	1.3	--	<0.5	--	

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
MW-33	02/10/00	20	0.7	12	10.0	380	<250	0.9	0.6	<0.5	<0.5	1.30	
	04/27/00	6.9	<0.5	6.4	<0.5	<100	250	4.3	0.9	<0.5	<0.5	<0.5	
MW-?	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	--	--	--	--	<0.5	
PR-26	07/26/99	20,000	15,000	1,100	7,250	82,500	11,000	--	--	--	--	33.0	
	10/26/99	28,000	25,000	2,300	8,400	110,000	60,000	<0.5	24	--	<0.5	--	
PR-45	07/26/99	13,200	8,200	2,600	15,600	82,500	39,000	--	--	--	--	35.0	
	10/28/99	12,000	8,200	1,700	8,500	45,000	25,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	24,000	25,000	10,000	53,000	360,000	82,000	<0.5	4.0	<0.5	<0.5	1,000	
	04/27/00	17,000	9,500	16,000	92,000	1,300,000	20,300	<5.0	<5.0	<5.0	<5.0	<5.0	
PR-52	07/26/99	12,000	1,720	750	12,400	172,000	40,000	<0.5	1.8	<0.5	<0.5	217	m
	10/28/99	19,000	530	1,800	5,800	40,000	450,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	22,000	1,600	4,100	15,800	200,000	140,000	<0.5	1.3	<0.5	<0.5	430	
	04/28/00	20,000	2,200	4,700	18,600	270,000	88,000	<1.0	<1.0	<1.0	<1.0	<5.0	
PR-53	07/26/99	31,000	12,000	1,900	8,800	110,000	98,000	<0.5	43	<0.5	<0.5	43.0	n
	10/27/99	17,000	3,900	890	3,320	54,000	16,000	<0.5	18	--	<0.5	--	
	02/09/00	21,000	5,000	1,200	5,300	65,000	9,400	0.6	20	<0.5	<0.5	67.0	r
	04/28/00	34,000	30,000	9,300	51,000	730,000	104,000	<1.0	<1.0	<1.0	<1.0	340	
PR-54	07/26/99	32,000	22,000	1,500	21,800	170,000	28,000	<0.5	3.0	<0.5	<0.5	56.0	o
	10/26/99	27,000	10,000	3,700	19,500	190,000	350,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	27,000	23,000	9,900	50,000	960,000	110,000	<0.5	3.9	<0.5	<0.5	1,000	
	04/28/00	24,000	14,000	1,200	9,000	76,000	80,000	<1.0	1.6	<1.0	<1.0	300	
PR-64	07/26/99	22,000	18,000	1,700	10,300	110,000	--	<0.5	130	<0.5	<0.5	35.0	p
	10/27/99	11,000	7,400	1,200	3,900	66,000	50,000	<0.5	110	--	<0.5	--	
	02/09/00	22,000	20,000	6,000	17,000	120,000	40,000	<0.5	>50	<0.5	<0.5	110	
	04/28/00	19,000	16,000	1,800	13,900	130,000	78,000	<1.0	67	<1.0	<1.0	300	
PR-65	07/26/99	12,000	1,400	1,300	13,000	68,000	16,500	<0.5	2.6	<0.5	<0.5	20.0	
	10/26/99	14,000	2,300	1,800	11,000	65,000	50,000	<0.5	<0.5	--	<0.5	--	



**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
PR-68	07/26/99	1,900	24.0	27.0	62.0	4,900	11,000	<0.5	1.2	<0.5	<0.5	4.40	
	10/26/99	2,800	36	86	62	8,000	2,800	<0.5	<0.5	--	<0.5	--	
PR-76	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
V-24	04/07/99	<0.5	<0.5	<0.5	<0.5	120	<250	--	--	--	--	0.5	
V-31	07/26/99	7,000	600	550	1,370	17,500	5,350	--	--	--	--	19.0	
	10/26/99	7,000	120	850	950	18,000	3,000	<0.5	<0.5	--	<0.5	--	
V-46	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	270	<0.5	<0.5	<0.5	<0.5	<0.5	
V-55	07/22/99	8,000	480	740	2,880	30,000	2,100	<0.5	<0.5	<0.5	<0.5	13.0	
	10/28/99	11,000	59	1,200	317	28,000	38,000	<0.5	<0.5	--	<0.5	--	
	02/09/00	2,200	59	760	350	7,900	10,000	<0.5	<0.5	<0.5	<0.5	9.70	
	04/28/00	2,900	510	440	2,340	14,000	26,500	<5.0	<5.0	<5.0	<5.0	<5.0	
V-72	07/26/99	13,500	6.80	1.10	3.90	3,900	12,900	<0.5	11	<0.5	<0.5	<0.5	
	10/28/99	2,900	58	21	47.7	6,000	48,000	<0.5	3.4	--	<0.5	--	
	02/09/00	670	8.2	<0.5	17.8	890	6,100	<0.5	3.0	<0.5	<0.5	<0.5	
	04/28/00	130	<0.5	<0.5	<0.5	200	5,950	<0.5	0.7	<0.5	<0.5	<0.5	
V-84	07/26/99	2,400	440	80.0	340	8,700	2,350	<0.5	2.4	<0.5	<0.5	6.40	
	10/26/99	1,100	130	46	108	4,000	700	<0.5	<0.5	--	<0.5	--	
	02/09/00	300	30	8.9	53	2,300	1,100	<0.5	1.2	<0.5	<0.5	<0.5	
	04/28/00	30	1.9	<0.5	<0.5	100	550	<5.0	<5.0	<5.0	<5.0	<0.5	
29 (CC-1)	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
30 (CC-2)	07/22/99	0.90	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	
30 (CC-2)	02/08/00	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/26/00	<0.5	<0.5	<0.5	<0.5	<100	<250	<0.5	0.7	<0.5	<0.5	<0.5	
81	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	0.70	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
94	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	170	--	--	--	--	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
210	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	960	--	--	--	--	<0.5	
223	10/26/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
	02/10/00	<0.5	<0.5	<0.5	<0.5	<50	640	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/27/00	<0.5	<0.5	<0.5	<0.5	<100	250	<0.5	<0.5	<0.5	<0.5	<0.5	
224	07/26/99	<0.5	<0.5	<0.5	<0.5	<50	640	<0.5	<0.5	<0.5	<0.5	<0.5	
239	07/26/99	55,000	85.0	1,500	190	30,000	--	<0.5	<0.5	<0.5	<0.5	5.30	
	10/26/99	23,000	53	1,500	103.2	28,000	10,000	<0.5	<0.5	--	<0.5	--	
	02/10/00	40,000	48	1,900	52	44,000	21,000	<0.5	1.0	<0.5	<0.5	14.0	
	04/28/00	25,000	540	2,000	710	36,000	12,500	<5.0	<5.0	<5.0	<5.0	<5.0	
241	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
249	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	

- Notes:
- a. Non-diesel peak reported.
  - b. No diesel pattern detected; result due to high gasoline concentration.
  - c. Bromodichloromethane detected, 0.84 µg/L.
  - d. 8 other volatiles detected by 8260.
  - e. cis-1,2-DCE detected, 0.7 µg/L.
  - f. cis-1,2-DCE detected, 0.8 µg/L.
  - g. Values for benzene and ethylbenzene are estimated.
  - h. 1,1-DCE detected, 0.9 µg/L.

**Table I.3. Concentrations (µg/L) Of Organic Compounds In Groundwater Samples  
NESTLE USA FACILITY, OAKLAND**

Well No.	Date Sampled	Concentration (µg/L)											Notes
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	

- i. 1,1-DCE detected, 1.6 µg/L.
- j. 1,1-DCE detected, 1.4 µg/L.
- k. 1,1-Dichloroethene detected at 2.3 µg/L.
- l. cis-1,2-Dichloroethene detected at 2.3 µg/L.
- m. Methylene chloride detected at 7.9 µg/L.
- n. Methylene chloride detected at 6.2 µg/L.
- o. Methylene chloride detected at 2.5 µg/L.
- p. Methylene chloride detected at 1.4 µg/L.
- q. 1,1-Dichloroethene detected at 3.1 µg/L.
- r. Methylene chloride detected at 0.8 µg/L.
- s. 1,1-Dichloroethene detected at 9.6 µg/L.
- t. 1,1-Dichloroethene detected at 4.2 µg/L.
- u. 1,1-Dichloroethene detected at 5.2 µg/L.

ND Not detected.  
 -- Not analyzed or not sampled.  
 µg/L Micrograms per liter.

TPH-g Total Petroleum Hydrocarbons as gasoline.  
 TPH-d Total Petroleum Hydrocarbons as diesel.  
 1,1-DCA 1,1-Dichloroethane.  
 1,2-DCA 1,2-Dichloroethane.  
 1,1-DCE 1,1-Dichloroethene.  
 1,1,1-TCA 1,1,1-Trichloroethane.  
 c 1,2-DCE cis 1,2-Dichloroethylene.  
 TCE Trichloroethene.  
 MTBE Methyl t-butyl ether.

**Appendix II**

**Tier I Input Data**

# RBCA TIER 1 Input Data

# Table II.1

Site Name Nesle USA, Inc., Facility  
 Site Location Oakland, CA

Software: GSI RBCA Spreadsheet

Completed By JCI

NOTE: values correspond to ASTM (1995) Tier 1 default values

Exposure Parameter	Definition (Units)	Residential			Commercial/Industrial		Surface Parameters	Definition (Units)	Residential	Constrctn	
		Adult	(1-6yrs)	(1-16 yrs)	Chronic	Constrctn					
ATc	Averaging time for carcinogens (yr)	70					A	Contaminated soil area (cm <sup>2</sup> )	2.2E+06	1.0E+06	
ATn	Averaging time for non-carcinogens (yr)	30	6	16	25	1	W	Length of affect soil parallel to wind (cm)	1.5E+03	1.0E+03	
BW	Body Weight (kg)	70	15	35	70		W gw	Length of affect. soil parallel to groundwater (cm)	1.5E+03		
ED	Exposure Duration (yr)	30	6	16	25	1	Uair	Ambient air velocity in mixing zone (cm/s)	2.3E+02		
t	Averaging time for vapor flux (yr)	30			25	1	delta	Air mixing zone height (cm)	2.0E+02		
EF	Exposure Frequency (days/yr)	350			250	180	Lss	Thickness of affected surface soils (cm)	1.0E+02		
EF Derm	Exposure Frequency for dermal exposure	350			250		Pe	Particulate areal emission rate (g/cm <sup>2</sup> /s)	6.9E-14		
IRgw	Ingestion Rate of Water (L/day)	2			1		<b>Groundwater Definition (Units)</b>				
IRs	Ingestion Rate of Soil (mg/day)	100	200		50	100	<b>Value</b>				
IRadj	Adjusted soil ing. rate (mg-yr/kg-d)	1.1E+02			9.4E+01		delta gw	Groundwater mixing zone depth (cm)	2.0E+02		
IRa in	Inhalation rate indoor (m <sup>3</sup> /day)	15			20		J	Groundwater infiltration rate (cm/yr)	3.0E+01		
IRa out	Inhalation rate outdoor (m <sup>3</sup> /day)	20			20	10	Ugw	Groundwater Darcy velocity (cm/yr)	2.5E+03		
SA	Skin surface area (dermal) (cm <sup>2</sup> )	5.8E+03		2.0E+03	5.8E+03	5.8E+03	Ugw.tr	Groundwater seepage velocity (cm/yr)	6.6E+03		
SAadj	Adjusted dermal area (cm <sup>2</sup> -yr/kg)	2.1E+03			1.7E+03		Ks	Saturated hydraulic conductivity (cm/s)			
M	Soil to Skin adherence factor	1					grad	Groundwater gradient (cm/cm)			
AAFs	Age adjustment on soil ingestion	FALSE			FALSE		Sw	Width of groundwater source zone (cm)			
AAFd	Age adjustment on skin surface area	FALSE			FALSE		Sd	Depth of groundwater source zone (cm)			
tox	Use EPA tox data for air (or PEL based)?	TRUE					phi.eff	Effective porosity in water-bearing unit	3.8E-01		
gwMCL?	Use MCL as exposure limit in groundwater?	FALSE					foc sat	Fraction organic carbon in water-bearing unit	1.0E-03		
							B/O?	Is bioattenuation considered?	FALSE		
							BC	Biodegradation Capacity (mg/L)			
<b>Matrix of Exposed Persons to Complete Exposure Pathways</b>		<b>Residential</b>			<b>Commercial/Industrial</b>		<b>Soil</b>	<b>Definition (Units)</b>	<b>Value</b>		
							hc	Capillary zone thickness (cm)	5.0E+00		
SS.v	Volatiles and Particulates from Surface Soils	FALSE			TRUE	FALSE	hv	Vadose zone thickness (cm)	3.0E+02		
S.v	Volatilization from Subsurface Soils	FALSE			FALSE		rho	Soil density (g/cm <sup>3</sup> )	1.7		
GW.v	Volatilization from Groundwater	FALSE			FALSE		foc	Fraction of organic carbon in vadose zone	0.01		
<b>Indoor Air Pathways:</b>							phi	Soil porosity in vadose zone	0.38		
S.b	Vapors from Subsurface Soils	FALSE			FALSE		Lgw	Depth to groundwater (cm)	3.0E+02		
GW.b	Vapors from Groundwater	FALSE			FALSE		Ls	Depth to top of affected subsurface soil (cm)	1.0E+02		
<b>Soil Pathways:</b>							Lsubs	Thickness of affected subsurface soils (cm)	2.0E+02		
SS.o	Direct Ingestion and Dermal Contact	FALSE			TRUE	FALSE	pH	Soil/groundwater pH	6.5		
<b>Groundwater Pathways:</b>							<b>capillary      vadose      foundation</b>				
GW.i	Groundwater ingestion	FALSE			FALSE		phi.w	Volumetric water content	0.342	0.12	0.12
S.l	Leaching to Groundwater from all Soils	FALSE			FALSE		phi.a	Volumetric air content	0.038	0.26	0.26
<b>Matrix of Receptor Distance and Location On- or Off-Site</b>		<b>Residential</b>			<b>Commercial/Industrial</b>		<b>Building</b>	<b>Definition (Units)</b>	<b>Residential</b>	<b>Commercial</b>	
		<b>Distance</b>	<b>On-Site</b>		<b>Distance</b>	<b>On-Site</b>	Lb	Building volume/area ratio (cm)	2.0E+02	3.0E+02	
GW	Groundwater receptor (cm)		TRUE			TRUE	ER	Building air exchange rate (s <sup>-1</sup> )	1.4E-04	2.3E-04	
S	Inhalation receptor (cm)		TRUE			TRUE	Lcrk	Foundation crack thickness (cm)	1.5E+01		
							eta	Foundation crack fraction	0.01		
<b>Matrix of Target Risks</b>		<b>Individual</b>	<b>Cumulative</b>								
TRab	Target Risk (class A&B carcinogens)	1.0E-06									
TRc	Target Risk (class C carcinogens)	1.0E-05									
THQ	Target Hazard Quotient	<b>1.0E-05</b>									
Opt	Calculation Option (1, 2, or 3)	1									
Tier	RBCA Tier	1									
							<b>Transport Parameters</b>	<b>Definition (Units)</b>	<b>Residential</b>	<b>Commercial</b>	
							<b>Groundwater</b>				
							ax	Longitudinal dispersivity (cm)			
							ay	Transverse dispersivity (cm)			
							az	Vertical dispersivity (cm)			
							<b>Vapor</b>				
							dcy	Transverse dispersion coefficient (cm)			
							dcz	Vertical dispersion coefficient (cm)			

**Table II.2. RBCA Tier I Input/Output Data  
Outdoor Air Inhalation of Benzene from Soil Vapor-Onsite Commercial/Industrial Receptor**

Soil Specific Parameters			
ASTM Default	$\rho_a$	1.7	Soil Bulk Density (g/cm <sup>3</sup> ) of (kg/L)
ASTM Default	$\theta_{as}$	0.26	Air Content of Soil (v/v)
ASTM Default	$\theta_{ws}$	0.12	Water Content of Soil (v/v)
ASTM Default	$\theta_t$	0.38	Total Soil Porosity (v/v)
Site-Specific	d	91	Depth to location of vapor sample (cm) – 3 ft depth
Diffusivity Parameters			
ASTM Default	H	0.22	Henry's Constant (dimensionless)
ASTM Default	$D^{air}$	9.30E-02	Air Diffusion Coefficient (cm <sup>2</sup> /s)
ASTM Default	$D^{wat}$	1.10E-05	Water Diffusion Coefficient (cm <sup>2</sup> /s)
Calculated	$D^{eff}_s$	0.0073	Effective Diffusion Coefficient through Soil (cm <sup>2</sup> /s)
Prediction of Flux from Soil Vapor Concentration			
Site Specific	$C_v$	9,900	Maximum Benzene Concentration in Soil Vapor (ppbv)
Unit Conv	$C_v$	32	Maximum Benzene Concentration in Soil Vapor (µg/L)
Calculated	F	2.6E-06	Maximum Diffusive Vapor Flux Predicted from Benzene Concentration in Soil Vapor (µg/cm <sup>2</sup> -sec)
Outdoor Air Concentration			
ASTM Default	s	200	Outdoor Mixing Height (cm)
ASTM Default	$U_{air-outdoor}$	225	Outdoor Wind Velocity (cm/sec)
ASTM Default	W	1500	Width of Outdoor Source Area Parallel to Wind Direction (cm)
Calculated	$C_{outdoor}$	8.5E-08	Outdoor Air Concentration (µg/cm <sup>3</sup> )
Dose			
ASTM Default	$IR_{air-outdoor}$	20	Daily Outdoor Inhalation Rate (m <sup>3</sup> /day)
ASTM Default	EF	250	Exposure Frequency (days/year)
ASTM Default	ED	25	Exposure Duration (years)
Calculated	Dose	11	Dose (mg)
Risk			
CAL EPA	SF <sub>1</sub>	0.1	California Cancer Slope Factor for Benzene(kg-day/mg)
ASTM Default	BW	70	Body Weight (kg)
ASTM Default	AT <sub>c</sub>	70	Averaging Time for Carcinogens (years)
Calculated	Risk	5.9E-07	Risk (positive/population)
Calculated	RBSL	17,000	Tier 1 Risk-Based Screening Level (ppbv) for TRL = 1E-06

Formulas
$D_{soil}^{eff} = D^{air} \frac{\theta_{as}^{3.33}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{ws}^{3.33}}{\theta_T}$
$F = D_{soil}^{eff} \frac{C_v}{d}$
$C_{outdoor} = \frac{F \times W}{U_{air-outdoor} \times s}$
$Dose = C_{outdoor} \times IR_{air-outdoor} \times EF \times ED$
$Risk = \frac{Dose \times SF}{BW \times AT}$

Notes:

ASTM = American Standard for Testing and Materials, 1995. Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites, E 1739-95.

Calculations: Effective diffusivity, diffusive vapor flux, enclosed space air concentrations, dose, and risk calculations from ASTM 95 guidance formulas presented above.  
level.

**Table II.3. RBCA Tier I Input/Output Data  
Indoor Air Inhalation of Benzene from Soil Vapor-Onsite Commercial/Industrial Receptor**

Soil/Building Parameters			
ASTM Default	$\rho_a$	1.7	Soil Bulk Density (g/cm <sup>3</sup> ) of (kg/L)
ASTM Default	$\theta_{as}$	0.26	Air Content of Soil (v/v)
ASTM Default	$\theta_{ws}$	0.12	Water Content of Soil (v/v)
ASTM Default	$\theta_{ac}$	0.26	Air Content of Crack (v/v)
ASTM Default	$\theta_{wc}$	0.12	Water Content of Crack (v/v)
ASTM Default	$\theta_t$	0.38	Total Porosity-Soil and Crack (v/v)
Site-specific	Lsoil	91	Depth to Location of Vapor Sample (cm) – 3.0 ft depth
ASTM Default	Lcrack	15	Foundation Crack Thickness (cm)
ASTM Default	$\eta$	0.01	Foundation Crack Fraction (dimensionless)
Diffusivity Parameters			
ASTM Default	H	0.22	Henry's Constant (dimensionless)
ASTM Default	$D^{air}$	9.30E-02	Air Diffusion Coefficient (cm <sup>2</sup> /s)
ASTM Default	$D^{wat}$	1.10E-05	Water Diffusion Coefficient (cm <sup>2</sup> /s)
Calculated	$D_{soil}^{eff}$	0.0073	Effective Diffusion Coefficient through Soil (cm <sup>2</sup> /s)
Calculated	$D_{crack}^{eff}$	0.0073	Effective Diffusion Coefficient through Foundation Cracks (cm <sup>2</sup> /s)
Prediction of Flux from Soil Vapor Concentration			
Site Specific	$C_{source} = C_v$	9,900	Maximum Benzene Concentration in Soil Vapor (ppbv)
Unit Conv	$C_{source} = C_v$	32	Maximum Benzene Concentration in Soil Vapor (µg/L)
Calculated	F	1.5E-07	Diffusive Vapor Flux Predicted from Benzene Concentration in Soil Vapor (µg/cm <sup>2</sup> -sec)
Indoor Air Concentration			
ASTM Default	Lb	300	Enclosed Space Volume/Infiltration Area Ratio (cm)
ASTM Default	ER <sub>air-indoor</sub>	0.00023	Enclosed Space Air Exchange Rate (sec <sup>-1</sup> )
Calculated	$C_{indoor}$	2.1E-06	Enclosed Space Air Concentration (µg/cm <sup>3</sup> )
Dose			
ASTM Default	IR <sub>air-indoor</sub>	20	Daily Indoor Inhalation Rate (m <sup>3</sup> /day)
ASTM Default	EF	250	Exposure Frequency-Adult (days/year)
ASTM Default	ED	25	Exposure Duration (years)
Calculated	Dose	260	Dose (mg)
Risk			
DTSC	SF <sub>i</sub>	0.1	Inhalation California Cancer Slope Factor for Benzene (kg-day/mg)
ASTM Default	BW	70	Body Weight (kg)
ASTM Default	AT	70	Averaging Time for Carcinogens (years)
Calculated	Risk	1.5E-05	Risk (positive/population)
Calculated	RBSL	660.0	Tier I Risk-Based Screening Level (ppbv) for TRL = 1E-06

Formulas	
$D_{soil}^{eff} = D^{air} \frac{\theta_{as}^{5.55}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{ws}^{5.55}}{\theta_T}$	
$D_{crack}^{eff} = D^{air} \frac{\theta_{ac}^{5.55}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{wc}^{5.55}}{\theta_T}$	
$D_v^{eff} = \frac{L_{soil} + L_{crack}}{\frac{L_{crack}}{D_{crack}^{eff} \eta} + \frac{L_{soil}}{D_{soil}^{eff}}}$	
$F = D_v^{eff} \frac{\Delta C_v}{\Delta \chi}$	
$= \frac{C_{source} \frac{D_{soil}^{eff}}{L_{soil}}}{1 + \frac{D_{soil}^{eff}}{L_{soil}} \frac{L_{crack}}{D_{crack}^{eff} \eta}}$	
$C_{indoor} = \frac{F}{ER_{air-indoor} \times L_b}$	
$Dose = C_{indoor} \times IR_{air-indoor} \times EF \times ED$	
$Risk = \frac{Dose \times SF}{BW \times AT}$	

Notes:

ASTM = American Standard for Testing and Materials, 1995. Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites, E 1739-95.

Calculations: Effective diffusivity, diffusive vapor flux, enclosed space air concentrations, dose, and risk calculations from ASTM 95 guidance formulas presented above.

**Appendix III**

**Chemical-Specific Data**



Table III.1  
Chemical Toxicity Data

COPC	INHALATION		ORAL	
	RfD	CSF	RfD	CSF
Benzene	1.70E-03	1.00E-01	NA	NA
Toluene	1.10E-01	NA	2.00E-01	NA
Ethylbenzene	2.90E-01	NA	1.00E-01	NA
Total Xylenes	2.00E-01	NA	2.00E+00	NA
Methyl t-butyl ether	8.57E-01	1.60E-04	NA	NA
Acetone	1.00E-01	NA	NA	NA
1,3-Butadiene	NA	1.80E+00	NA	NA
2-Butanone	2.86E-01	NA	NA	NA
Carbon Disulfide	2.00E-01	NA	NA	NA
Chloroform	NA	8.10E-02	NA	NA
Chloromethane	8.60E-05	6.30E-03	NA	NA
Cis-1,2-Dichloroethene	1.00E-02	NA	NA	NA
1,1-Dichloroethane	1.43E-01	NA	NA	NA
1,2-Dichloroethane	NA	NA	3.00E-02	9.10E-02
1,2-Dichlorobenzene	5.70E-02	NA	NA	NA
1,4-Dichlorobenzene	3.00E-02	4.00E-02	NA	NA
1,4-Dioxane	NA	2.70E-01	NA	NA
n-Hexane	5.71E-02	NA	NA	NA
4-Methyl-2-pentanone	2.29E-02	NA	NA	NA
Methylene chloride	8.57E-01	3.50E-03	NA	NA
Naphthalene	8.60E-04	NA	2.00E-02	NA
n-Nonane	6.00E-01	NA	6.00E-01	NA
Styrene	2.86E-01	NA	NA	NA
Tetrachloroethene	1.10E-01	2.10E-02	NA	NA
Tetrahydrofuran	8.60E-02	6.80E-03	NA	NA
Trichloroethene	NA	1.00E-02	NA	NA
1,1,1-Trichloroethane	2.86E-01	NA	NA	NA
1,3,5-Trimethylbenzene	1.70E-03	NA	NA	NA
1,2,4-Trimethylbenzene	1.70E-03	NA	NA	NA

NA = Not applicable for evaluation of complete exposure pathways

COPC = Chemical of Potential Concern

RfD = Reference Dose (mg/kg-day)

CSF = Cancer Slope Factor 1/(mg/kg-day)

Source: IRIS (USEPA 2000), HEAST (USEPA, 1997), DTSC (1994).

Region IX PRGs (USEPA, 1999), OEHHA (2000)

Table III.2  
Chemical and Physical Properties for COPCs

COPC	Henry's Law Constant (dim)	Diffusion Coefficient in air (cm <sup>2</sup> /sec)	Diffusion Coefficient in water (cm <sup>2</sup> /sec)	Log Koc (log l/kg)
Benzene	2.20E-01	9.30E-02	1.10E-05	NA
Toluene	2.60E-01	8.50E-02	9.40E-06	2.13E+00
Ethylbenzene	3.20E-01	7.60E-02	8.50E-06	1.98E+00
Total Xylenes	2.90E-01	7.20E-02	8.50E-06	2.38E+00
Methyl t-butyl ether	2.40E-02	7.90E-02	9.41E-05	NA
Acetone	1.04E-03	1.24E-01	1.14E-05	NA
1,3-Butadiene	7.00E+00	1.70E-02	1.00E-05	NA
2-Butanone	1.81E-03	8.08E-02	9.80E-06	NA
Carbon Disulfide	6.99E-01	1.04E-01	1.00E-05	NA
Chloroform	1.41E-01	1.00E-01	1.00E-05	NA
Chloromethane	3.67E-01	1.30E-01	1.68E-04	NA
Cis-1,2-Dichloroethylene	2.00E-01	7.00E-02	1.00E-05	NA
1,1-Dichloroethane	2.00E-01	7.00E-02	1.00E-05	NA
1,2-Dichloroethane	4.00E-02	1.00E-01	1.00E-05	1.76E+00
1,2-Dichlorobenzene	8.07E-02	6.90E-02	7.90E-06	NA
1,4-Dichlorobenzene	6.65E-02	6.90E-02	7.90E-06	NA
1,4-Dioxane	4.00E-04	1.00E-04	1.00E-05	NA
n-Hexane	5.07E+00	2.00E-01	7.77E-06	2.94E+00
4-Methyl-2-pentanone	1.73E-02	7.35E-02	8.68E-05	NA
Methylene chloride	1.33E-01	1.00E-01	1.17E-05	NA
Naphthalene	4.90E-02	7.20E-02	9.40E-06	3.11E+00
n-Nonane	5.00E+00	2.00E-01	7.00E-06	2.90E+00
Styrene	1.09E-01	7.10E-02	8.00E-06	NA
Tetrachloroethene	1.21E+00	7.20E-02	8.20E-06	NA
Tetrahydrofuran	2.20E-01	1.00E-01	1.00E-05	NA
Trichloroethene	4.00E-01	8.00E-02	9.00E-06	NA
1,1,1-Trichloroethane	7.15E-01	7.80E-02	8.80E-06	NA
1,3,5-Trimethylbenzene	3.00E-01	2.40E-04	7.10E-06	NA
1,2,4-Trimethylbenzene	2.00E-01	4.10E-05	7.10E-06	NA

NA = Not applicable for evaluation of complete exposure pathways

dim = dimensionless

COPC = Chemical of Potential Concern

Koc = Organic-carbon partition coefficient

Source: Region IX PRGs (USEPA, 1999); ASTM (1995, 1998)

**Appendix IV**

Tier I Output Data

**RBCA TIER I OUTPUT DATA-ONSITE COMMERCIAL/INDUSTRIAL RECEPTOR**

Table IV.1

Site Name: Nestle USA, Inc., Facility

Completed By: JCI

Site Location: Oakland, CA

1 OF 1

**SURFACE SOIL RBSL VALUES  
(<4 Ft BGS)**

Target Risk (Class A & B) 1.0E-6  
Target Risk (Class C) 1.0E-5  
Target Hazard Quotient 1.0E+0

MCL exposure limit?  
 PEL exposure limit?

Calculation Option 1

**RBSL Results For Complete Exposure Pathways ("x" if Complete)**

CONSTITUENTS OF CONCERN		Representative Concentration (mg/kg)	Soil Leaching to Groundwater			X Ingestion, Inhalation and Dermal Contact		Construction Worker	Applicable RBSL	RBSL Exceeded ?	Required CRF
CAS No.	Name		Residential (on-site)	Commercial (on-site)	Regulatory(MCL) (on-site)	Residential (on-site)	Commercial (on-site)	Commercial (on-site)	(mg/kg)	■* If yes	Only if "yes" left
107-06-2	Dichloroethane, 1,2-	2.5E-3	NA	NA	NA	NA	1.0E+0	NA	1.0E+0	<input type="checkbox"/>	<1
100-41-4	Ethylbenzene	2.7E-3	NA	NA	NA	NA	3.4E+3	NA	3.4E+3	<input type="checkbox"/>	<1
108-88-3	Toluene	2.0E-3	NA	NA	NA	NA	6.4E+3	NA	6.4E+3	<input type="checkbox"/>	<1
1330-20-7	Xylene (mixed isomers)	2.7E-3	NA	NA	NA	NA	6.6E+4	NA	6.6E+4	<input type="checkbox"/>	<1

>Res indicates risk-based target concentration greater than constituent residual saturation value

**RBCA TIER I OUTPUT DATA-OFFSITE RESIDENTIAL RECEPTORS**

Table IV.2

Site Name: NESTLE OAKLAND FACILITY

Completed By: JCI

Site Location: Oakland, CA

1 OF 1

**GROUNDWATER RBSL VALUES**

Target Risk (Class A & B) 1.0E-6

MCL exposure limit?

Calculation Option: 1

Target Risk (Class C) 1.0E-5

PEL exposure limit?

Target Hazard Quotient 1.0E+0

**RBSL Results For Complete Exposure Pathways ("x" if Complete)**

CONSTITUENTS OF CONCERN		Representative Concentration (mg/L)	Groundwater Ingestion			Groundwater Volatilization to Indoor Air		Groundwater Volatilization to Outdoor Air		Applicable RBSL (mg/L)	RBSL Exceeded ? ■ "If yes"	Required CRF Only if "yes" left
CAS No.	Name		Residential (on-site)	Commercial (on-site)	Regulatory (MCL) (on-site)	Residential (off-site)	Commercial (on-site)	Residential (off-site)	Commercial (on-site)			
71-43-2	Benzene	1.8E-2	NA	NA	NA	7.0E-3	NA	3.2E+0	NA	7.0E-3	■	-
156-59-2	Dichloroethene, cis-1,2-	2.3E-3	NA	NA	NA	7.8E-1	NA	4.1E+2	NA	7.8E-1	□	-
75-34-3	Dichloroethane, 1,1-	8.7E-2	NA	NA	NA	2.1E+1	NA	1.1E+4	NA	2.1E+1	□	-
107-06-2	Dichloroethane, 1,2-	1.7E-1	NA	NA	NA	2.2E-2	NA	7.5E+0	NA	2.2E-2	■	-
100-41-4	Ethylbenzene	2.2E-3	NA	NA	NA	7.7E+1	NA	3.7E+4	NA	7.7E+1	□	-
1634-04-4	Methyl t-Butyl Ether	5.6E-2	NA	NA	NA	2.4E+1	NA	3.6E+3	NA	2.4E+1	□	-
79-01-6	Trichloroethene	1.9E-3	NA	NA	NA	2.8E-2	NA	8.0E+0	NA	2.8E-2	□	-
108-88-3	Toluene	2.0E-2	NA	NA	NA	3.3E+1	NA	1.6E+4	NA	3.3E+1	□	-
1330-20-7	Xylene (mixed isomers)	1.3E-2	NA	NA	NA	6.1E+2	NA	2.9E+5	NA	6.1E+2	□	-

>Sol indicates risk-based target concentration greater than constituent solubility

**Table IV.3. RBCA Tier I Output Data  
Tier I Risk and RBSL Sample Calculation  
Outdoor Air Inhalation of Benzene from Soil Vapor-Onsite Commercial/Industrial Receptor**

Soil Specific Parameters			
ASTM Default	$\rho_a$	1.7	Soil Bulk Density (g/cm <sup>3</sup> ) of (kg/L)
ASTM Default	$\theta_{as}$	0.26	Air Content of Soil (v/v)
ASTM Default	$\theta_{ws}$	0.12	Water Content of Soil (v/v)
ASTM Default	$\theta_t$	0.38	Total Soil Porosity (v/v)
Site-Specific	$d$	91	Depth to location of vapor sample (cm) – 3 ft depth
Diffusivity Parameters			
ASTM Default	H	0.22	Henry's Constant (dimensionless)
ASTM Default	$D^{air}$	9.30E-02	Air Diffusion Coefficient (cm <sup>2</sup> /s)
ASTM Default	$D^{wat}$	1.10E-05	Water Diffusion Coefficient (cm <sup>2</sup> /s)
Calculated	$D^{eff}_s$	0.0073	Effective Diffusion Coefficient through Soil (cm <sup>2</sup> /s)
Prediction of Flux from Soil Vapor Concentration			
Site Specific	$C_v$	9,900	Maximum Benzene Concentration in Soil Vapor (ppbv)
Unit Conv	$C_v$	32	Maximum Benzene Concentration in Soil Vapor (µg/L)
Calculated	F	2.6E-06	Maximum Diffusive Vapor Flux Predicted from Benzene Concentration in Soil Vapor (µg/cm <sup>2</sup> -sec)
Outdoor Air Concentration			
ASTM Default	s	200	Outdoor Mixing Height (cm)
ASTM Default	$U_{air-outdoor}$	225	Outdoor Wind Velocity (cm/sec)
ASTM Default	W	1500	Width of Outdoor Source Area Parallel to Wind Direction (cm)
Calculated	$C_{outdoor}$	8.5E-08	Outdoor Air Concentration (µg/cm <sup>3</sup> )
Dose			
ASTM Default	$IR_{air-outdoor}$	20	Daily Outdoor Inhalation Rate (m <sup>3</sup> /day)
ASTM Default	EF	250	Exposure Frequency (days/year)
ASTM Default	ED	25	Exposure Duration (years)
Calculated	Dose	11	Dose (mg)
Risk			
CAL EPA	SF <sub>1</sub>	0.1	California Cancer Slope Factor for Benzene(kg-day/mg)
ASTM Default	BW	70	Body Weight (kg)
ASTM Default	AT <sub>c</sub>	70	Averaging Time for Carcinogens (years)
Calculated	Risk	5.9E-07	Risk (positive/population)
Calculated	RBSL	17,000	Tier 1 Risk-Based Screening Level (ppbv) for TRL = 1E-06

Formulas
$D_{soil}^{eff} = D^{air} \frac{\theta_{as}^{3.33}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{ws}^{3.33}}{\theta_T}$
$F = D_{soil}^{eff} \frac{C_v}{d}$
$C_{outdoor} = \frac{F \times W}{U_{air-outdoor} \times s}$
$Dose = C_{outdoor} \times IR_{air-outdoor} \times EF \times ED$
$Risk = \frac{Dose \times SF}{BW \times AT}$

Notes:

ASTM = American Standard for Testing and Materials, 1995. Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites, E 1739-95.

Calculations: Effective diffusivity, diffusive vapor flux, enclosed space air concentrations, dose, and risk calculations from ASTM 95 guidance formulas presented above.  
level

**Table IV.4. RBCA Tier I Output Data  
Tier I Risk and RBSL Sample Calculation  
Indoor Air Inhalation of Benzene from Soil Vapor-Onsite Commercial/Industrial Receptor**

Soil/Building Parameters			
ASTM Default	$\rho_a$	1.7	Soil Bulk Density (g/cm <sup>3</sup> ) of (kg/L)
ASTM Default	$\theta_{as}$	0.26	Air Content of Soil (v/v)
ASTM Default	$\theta_{ws}$	0.12	Water Content of Soil (v/v)
ASTM Default	$\theta_{ac}$	0.26	Air Content of Crack (v/v)
ASTM Default	$\theta_{wc}$	0.12	Water Content of Crack (v/v)
ASTM Default	$\theta_t$	0.38	Total Porosity-Soil and Crack (v/v)
Site-specific	Lsoil	91	Depth to Location of Vapor Sample (cm) – 3.0 ft depth
ASTM Default	Lcrack	15	Foundation Crack Thickness (cm)
ASTM Default	$\eta$	0.01	Foundation Crack Fraction (dimensionless)
Diffusivity Parameters			
ASTM Default	H	0.22	Henry's Constant (dimensionless)
ASTM Default	$D^{air}$	9.30E-02	Air Diffusion Coefficient (cm <sup>2</sup> /s)
ASTM Default	$D^{wat}$	1.10E-05	Water Diffusion Coefficient (cm <sup>2</sup> /s)
Calculated	$D_{soil}^{eff}$	0.0073	Effective Diffusion Coefficient through Soil (cm <sup>2</sup> /s)
Calculated	$D_{crack}^{eff}$	0.0073	Effective Diffusion Coefficient through Foundation Cracks (cm <sup>2</sup> /s)
Prediction of Flux from Soil Vapor Concentration			
Site Specific	$C_{source} = C_v$	9,900	Maximum Benzene Concentration in Soil Vapor (ppbv)
Unit Conv	$C_{source} = C_v$	32	Maximum Benzene Concentration in Soil Vapor (µg/L)
Calculated	F	1.5E-07	Diffusive Vapor Flux Predicted from Benzene Concentration in Soil Vapor (µg/cm <sup>2</sup> -sec)
Indoor Air Concentration			
ASTM Default	Lb	300	Enclosed Space Volume/Infiltration Area Ratio (cm)
ASTM Default	ER <sub>air-indoor</sub>	0.00023	Enclosed Space Air Exchange Rate (sec <sup>-1</sup> )
Calculated	$C_{indoor}$	2.1E-06	Enclosed Space Air Concentration (µg/cm <sup>3</sup> )
Dose			
ASTM Default	IR <sub>air-indoor</sub>	20	Daily Indoor Inhalation Rate (m <sup>3</sup> /day)
ASTM Default	EF	250	Exposure Frequency-Adult (days/year)
ASTM Default	ED	25	Exposure Duration (years)
Calculated	Dose	260	Dose (mg)
Risk			
DTSC	SF <sub>1</sub>	0.1	Inhalation California Cancer Slope Factor for Benzene (kg-day/mg)
ASTM Default	BW	70	Body Weight (kg)
ASTM Default	AT	70	Averaging Time for Carcinogens (years)
Calculated	Risk	1.5E-05	Risk (positive/population)
Calculated	RBSL	660.0	Tier I Risk-Based Screening Level (ppbv) for TRL = 1E-06

Formulas	
$D_{soil}^{eff} = D^{air} \frac{\theta_{as}^{3.55}}{\theta_T^2} + D^{wat} \frac{1}{H} \frac{\theta_{ws}^{3.55}}{\theta_T^2}$	
$D_{crack}^{eff} = D^{air} \frac{\theta_{ac}^{3.55}}{\theta_T^2} + D^{wat} \frac{1}{H} \frac{\theta_{wc}^{3.55}}{\theta_T^2}$	
$D_v^{eff} = \frac{L_{soil} + L_{crack}}{\frac{L_{crack}}{D_{crack}^{eff} \eta} + \frac{L_{soil}}{D_{soil}^{eff}}}$	
$F = D_v^{eff} \frac{\Delta C_v}{\Delta \chi}$	
$= \frac{C_{source} \frac{D_{soil}^{eff}}{L_{soil}}}{1 + \frac{D_{soil}^{eff}}{L_{soil}} \frac{L_{crack}}{D_{crack}^{eff} \eta}}$	
$C_{indoor} = \frac{F}{ER_{air-indoor} \times L_b}$	
$Dose = C_{indoor} \times IR_{air-indoor} \times EF \times ED$	
$Risk = \frac{Dose \times SF}{BW \times AT}$	

Notes:

ASTM = American Standard for Testing and Materials, 1995. Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites, E 1739-95.

Calculations: Effective diffusivity, diffusive vapor flux, enclosed space air concentrations, dose, and risk calculations from ASTM 95 guidance formulas presented above.

**Appendix V**

TPH RBSL and SSTL Calculations



## APPENDIX V TPH RBSL and SSTL Analysis

There are two common ways of assessing potential risks from hydrocarbon mixtures. One method involves selection of indicator constituents (e.g. BTEX) and assessing risks to only these chemicals. The assumption inherent in this approach is that the indicator constituents represent the majority of the risk, and the constituents in the mixture that are not assessed contribute a negligible amount to the total risk.

A second method for assessing the potential risks from constituent mixtures involves separating the mixture into constituent fractions and selecting surrogate compounds to represent the toxicity and mobility of each fraction. It is not necessary for the surrogate compound to be present in the fraction, as long as there is reasonable certainty that the surrogate compound has similar or greater toxicity and similar or greater mobility than compounds that are known to exist in the fraction.

The surrogate compound approach generally yields lower, more conservative screening levels for TPH (MDEP, 1994; Montgomery Watson, 1996); hence, this approach was used to develop RBSLs for TPH at the Nestle site. It should be noted that potential risks associated with indicator chemicals is already addressed through development of RBSLs for individual hydrocarbon compounds detected at the site. Making use of the surrogate chemical approach, RBSLs were developed for TPH-g and TPH-d, where applicable.

### V-1 TPH CHARACTERISTICS

Toxicity values are available for a limited number of petroleum hydrocarbons; thus, the approach taken evaluated select surrogate constituents that represent gasoline-range and diesel-range compounds. The variability in constituent composition of the commercial products refined from crude oil is exacerbated by the inability to obtain a constituent-specific breakdown of hydrocarbon mixtures, as the high cost of constituent analyses outweighs usefulness of the data.

General criteria for selecting indicator or surrogate compounds include:

- Percent contribution of constituent in a given petroleum product;
- Mobility and persistence in the environmental media; and
- Availability of human toxicity criteria.

#### V-1.1 Gasoline

Gasoline is a hydrocarbon mixture produced for use in internal combustion engines. The composition of gasoline mixtures has varied over time among different refineries and among different sources of the crude oil feedstock. Commercial gasoline is generally reported in the literature as having a boiling point range of approximately 40 degrees C to 200-210 degrees C, encompassing carbon numbers from C<sub>4</sub>/C<sub>5</sub> to C<sub>11</sub>/C<sub>12</sub>. The composition of gasoline typically is as follows:

- 49 to 62 percent alkanes (15 to 17 percent straight chain and 28 to 36 percent branched chain);
- 3 to 5 percent cyclokanes;
- 1 to 11 percent alkenes;
- 20 to 49 percent alkylated benzenes (including benzene); and
- less than 1 percent naphthalenes.

The branched-chain alkanes and aromatic constituents increase the octane rating of the gasoline, and the presence of these constituents has slightly increased as alkyl leads have been phased out.

The ASTM Standard Specification for Automotive Spark-Ignition Engine Fuel, D 4814, indicates that the average percentages of aliphatic and aromatic fractions in gasoline are 60 percent and 40 percent respectively. A USEPA reference dose is available for only one alkane, n-hexane, which is present in gasoline at an average of 6.65 percent by weight (EMCON, 1995). BTEX comprises the largest fraction of the monocyclic aromatic constituents and specific screening levels for each of these compounds are presented in this report. Based on the boiling point range, polycyclic aromatic hydrocarbons (PAHs) are not expected to be prevalent in gasoline with naphthalene reported at an average weight percent of 0.79 percent (EMCON, 1995). Benzo(a)pyrene has been reported at 0.19 to 2.8 ppm. These low PAH concentrations are corroborated by Cline et al. (1991), who cite data that 0.2 to 0.5 percent by volume naphthalene, 3.9 ppm benzo(b)fluoranthene, and 1.8 ppm anthracene were present in a gasoline sample.

Commercial gasoline also contains a variety of additives to improve fuel performance, or to act as antioxidants, metal scavenging agents, or as deicing agents. From the 1920's until approximately 1981, alkyl leads were added to gasoline as anti-knock agents. To scavenge the lead as volatile lead halide salts, 1,2-dibromomethane and 1,2-dichloroethane were also added. With the phase-out of alkyl leads, additives such as t-butyl alcohol, methanol, ethanol, and MTBE are used as anti-knock agents. Alcohols also serve as deicing agents and to inhibit water separation.

### V-1.2 Diesel Fuels

Diesel fuels are products prepared for use in diesel engines for a variety of vehicles (e.g. automobiles, trucks, diesel locomotives, and boats) as well as other small engines. Diesel products are from the middle distillate range, and are characterized by boiling points ranging from 150 to 400 degrees C, with the carbon range C<sub>9</sub> to C<sub>22</sub>. As a further definition, kerosene is a light fraction within this diesel range, with a boiling point range of 180 to 230 degrees C, and a carbon range of C<sub>11</sub> to C<sub>12</sub>. Diesel has been reported to contain the following classes of constituents:

- 64 percent aliphatic hydrocarbons;
- 1 to 2 percent alkenes; and
- 35 percent aromatic hydrocarbons and 2-to 3-ring PAHs.

However, it is expected that these amounts will vary with the specific type of diesel and the sources.

Given the boiling point range, very low concentrations of benzene are expected in diesel fuels. Millner et al. (Millner, 1992) state that diesel typically has less than 0.02 percent benzene. Additionally, the boiling point range of diesel is below the boiling points of most of the 3-ring and larger PAHs, so the PAHs in diesel are largely of the naphthalene class. n-alkanes have also been reported in diesel, with constituents from n-undecane to nonadecane composing 10 to 63 weight percent of samples analyzed.

### V-2 SELECTION OF SURROGATE COMPOUNDS

Surrogate compounds were selected based on the above analysis and a review of available literature (Purdy, 1957; Gruse and Stevens, 1960; Speight, 1980 and 1991; Bruya and Friedman, 1992; Millner, 1992; and Anon, 1994). Specifically, n-Hexane and n-nonane were selected as surrogate compounds for the aliphatic fraction of gasoline and diesel, respectively. Naphthalene was used as the surrogate compound for the aromatic fraction of gasoline and diesel.

Use of these compounds is consistent with documented composition of the target hydrocarbons and with the conservative nature of this analysis, as the selected compounds are considered the most mobile and/or toxic within hydrocarbon mixtures. For example, n-nonane is more mobile in the environment than larger alkanes, with higher neurotoxic effects than larger chain length compounds. Also, the relative ability of n-nonane to produce toxic effects is similar whether the exposure occurs via inhalation or oral exposure route. Naphthalene has a short half-life in the

environment because of its tendency to volatilize and biodegrade; however, its exposure to humans has manifested in hemolytic anemia (ATSDR, 1994). Selection of these constituents as surrogates is also consistent with approaches implemented at other sites in the San Francisco Bay Area (e.g. Montgomery Watson, 1996) and with MDEP (1994) guidance.

### V-3 CALCULATION OF TPH RBSLs and SSTLs

Tables V-1 and V-2 document RBSLs for TPH-g and TPH-d in soil, respectively, accounting for direct exposure of daily site occupants to surface soils. The TPH RBSLs are based on the weight percent distribution of each of the surrogate compounds, also presented on Tables V-1 and V-2.

**Table V-1. TPH-g Surface Soil RBSL Calculation  
Onsite Commercial/Industrial Receptor**

Surrogate Chemical	Chemical-Specific RBSL (mg/kg)	Percent Distribution (by weight)	TPH-g RBSL (mg/kg)
Aliphatic (n-Hexane as surrogate)	2,000	60 %	3,333
Aromatic (Naphthalene as surrogate)	560	40 %	<b>1,400</b>

Under the surrogate compound approach, the TPH RBSL is calculated by dividing the constituent-specific screening level for the surrogate compound in soil by the weight percent of the fraction the surrogate compound represents. Constituent-specific screening levels were calculated based on the previously referenced ASTM (1995 and 1998) algorithms.

As indicated in Table V-1, the TPH-g soil RBSL based on the surrogate approach approximates 1,400 mg/kg. This RBSL corresponds to the more conservative value derived from the aromatic fraction.

**Table V-2. TPH-d Surface Soil RBSL Calculation  
Onsite Commercial/Industrial Receptor**

Surrogate Chemical	Chemical-Specific RBSL (mg/kg)	Percent Distribution (by weight)	TPH-d RBSL (mg/kg)
Aliphatic (n-nonane as surrogate)	10,000	65 %	15,384
Aromatic (Naphthalene as surrogate)	560	35 %	<b>1,600</b>

As indicated in Table V-2, the TPH-d soil RBSL based on the surrogate approach (aromatic fraction) approximates 1,600 mg/kg.

Table V-3 depicts use of the surrogate approach for development of shallow soil vapor RBSLs for TPH-g. As indicated, conservative TPH-g RBSLs of 1,500,000 ppbv and 65,000 ppbv are derived using the surrogate (aromatic fraction) approach for the volatilization to outdoor air and indoor air pathways, respectively.

**Table V-3. TPH-g Soil Vapor RBSL Calculation  
Onsite Commercial/Industrial Receptor**

<b>Exposure Pathway</b>	<b>Surrogate Chemical</b>	<b>Chemical-Specific RBSL (ppbv)</b>	<b>Percent Distribution (by weight)</b>	<b>TPH-g RBSL (ppbv)</b>
Volatilization to Outdoor Air	Aliphatic (n-Hexane as surrogate)	14,000,000	60 %	2.33E+07
Volatilization to Outdoor Air	Aromatic (Naphthalene as surrogate)	610,000	40 %	<b>1,500,000</b>
Volatilization to Indoor Air	Aliphatic (n-Hexane as surrogate)	560,000	60 %	933,000
Volatilization to Indoor Air	Aromatic (Naphthalene as surrogate)	26,000	40 %	<b>65,000</b>

Because the Tier I TPH-g RBSL for indoor air (65,000 ppbv) is exceeded by the site maximum TPH-g shallow soil vapor concentration (750,000 ppbv), a Tier II SSTL was developed using the same approach. The chemical-specific SSTLs, as documented in Table V-4, were based on Tier II input data documented in Section 3.3 of this Memorandum. Based on the Tier II TPH-g SSTL for indoor air inhalation approximates 4,000,000 ppbv. This SSTL is protective of the maximum TPH-g concentration (750,000 ppbv) detected in shallow soil vapor samples underlying the site.

**Table V-4. TPH-g Soil Vapor SSTL Calculation  
Onsite Commercial/Industrial Receptor**

<b>Exposure Pathway</b>	<b>Surrogate Chemical</b>	<b>Chemical-Specific SSTL (ppbv)</b>	<b>Percent Distribution (by weight)</b>	<b>TPH-g SSTL (ppbv)</b>
Volatilization to Indoor Air	Aliphatic (n-Hexane as surrogate)	37,000,000	60 %	62,000,000
Volatilization to Indoor Air	Aromatic (Naphthalene as surrogate)	1,600,000	40 %	<b>4,000,000</b>

**Appendix VI**

Tier II Output Data

**Table VI.1. RBCA Tier II Input/Output Data  
Tier 2 Risk and SSTL Calculation  
Indoor Air Inhalation of Benzene from Soil Vapor-Onsite Commercial/Industrial Receptor**

Soil/Building Parameters		
ASTM Default	$\rho_a$	1.7 Soil Bulk Density (g/cm <sup>3</sup> ) of (kg/L)
Oakland ULR	$\theta_{as}$	0.15 Air Content of Soil (v/v)
Oakland ULR	$\theta_{ws}$	0.25 Water Content of Soil (v/v)
Oakland ULR	$\theta_{ac}$	0.15 Air Content of Crack (v/v)
Oakland ULR	$\theta_{wc}$	0.25 Water Content of Crack (v/v)
Oakland ULR	$\theta_t$	0.40 Total Porosity-Soil and Crack (v/v)
Site-specific	Lsoil	91 Depth to Location of Vapor Sample (cm) – 3.0 ft depth
ASTM Default	Lcrack	15 Foundation Crack Thickness (cm)
Oakland ULR	$\eta$	0.001 Foundation Crack Fraction (dimensionless)
Diffusivity Parameters		
ASTM Default	H	0.22 Henry's Constant (dimensionless)
ASTM Default	$D^{air}$	9.30E-02 Air Diffusion Coefficient (cm <sup>2</sup> /s)
ASTM Default	$D^{wat}$	1.10E-05 Water Diffusion Coefficient (cm <sup>2</sup> /s)
Calculated	$D^{eff}_{soil}$	0.0011 Effective Diffusion Coefficient through Soil (cm <sup>2</sup> /s)
Calculated	$D^{eff}_{crack}$	0.0011 Effective Diffusion Coefficient through Foundation Cracks (cm <sup>2</sup> /s)
Prediction of Flux from Soil Vapor Concentration		
Site Specific	$C_{source} = C_v$	9,900 Maximum Benzene Concentration in Soil Vapor (ppbv)
Unit Conv	$C_{source} = C_v$	32 Maximum Benzene Concentration in Soil Vapor (µg/L)
Calculated	F	2.2E-09 Diffusive Vapor Flux Predicted from Benzene Concentration in Soil Vapor (µg/cm <sup>2</sup> -sec)
Indoor Air Concentration		
ASTM Default	Lb	300 Enclosed Space Volume/Infiltration Area Ratio (cm)
ASTM Default	$ER_{air,indoor}$	0.00023 Enclosed Space Air Exchange Rate (sec <sup>-1</sup> )
Calculated	$C_{indoor}$	3.2E-08 Enclosed Space Air Concentration (µg/cm <sup>3</sup> )
Dose		
ASTM Default	$IR_{air,indoor}$	20 Daily Indoor Inhalation Rate (m <sup>3</sup> /day)
ASTM Default	EF	250 Exposure Frequency-Adult (days/year)
ASTM Default	ED	25 Exposure Duration (years)
Calculated	Dose	260 Dose (mg)
Risk		
DTSC	SF <sub>i</sub>	0.1 Inhalation California Cancer Slope Factor for Benzene (kg-day/mg)
ASTM Default	BW	70 Body Weight (kg)
ASTM Default	AT	70 Averaging Time for Carcinogens (years)
Calculated	Risk	2.3E-07 Risk (positive/population)
Calculated	SSTL	43,800 Tier II Site-Specific Target Level (ppbv) for TRL = 1E-06

**Formulas**

$$D_{soil}^{eff} = D^{air} \frac{\theta_{as}^{5.55}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{ws}^{5.55}}{\theta_T}$$

$$D_{crack}^{eff} = D^{air} \frac{\theta_{ac}^{5.55}}{\theta_T} + D^{wat} \frac{1}{H} \frac{\theta_{wc}^{5.55}}{\theta_T}$$

$$D_v^{eff} = \frac{L_{soil} + L_{crack}}{\frac{D_{crack}^{eff}}{D_{crack}^{eff} \eta} + \frac{L_{soil}}{D_{soil}^{eff}}}$$

$$F = D_v^{eff} \frac{\Delta C_v}{\Delta \chi}$$

$$= \frac{C_{source} \frac{D_{soil}^{eff}}{L_{soil}}}{1 + \frac{D_{soil}^{eff}}{L_{soil}} \frac{L_{crack}}{D_{crack}^{eff} \eta}}$$

$$C_{indoor} = \frac{F}{ER_{air,indoor} \times L_b}$$

$$Dose = C_{indoor} \times IR_{air,indoor} \times EF \times ED$$

$$Risk = \frac{Dose \times SF}{BW \times AT}$$

Notes:

ASTM = American Standard for Testing and Materials, 1995. Standard Guide for Risk Based Corrective Action Applied at Petroleum Release Sites, E 1739-95.

ULR = Tier I Risk-Based Screening Levels, Oakland Urban Land Redevelopment Program (Spence and Gomez, 1997 and 1999).

Calculations: Effective diffusivity, diffusive vapor flux, enclosed space air concentrations, dose, and risk calculations from ASTM 95 guidance formulas presented above.

**RBCA TIER II OUTPUT DATA-OFFSITE RESIDENTIAL RECEPTOR**

Table VI.2

Site Name Nestle USA Inc., Facility

Completed By: JCI

Site Location: Oakland, CA

1 OF 1

**GROUNDWATER SSTL VALUES**

Target Risk (Class A & B) 1.0E-6  
 Target Risk (Class C) 1.0E-5  
 Target Hazard Quotient 1.0E+0

MCL exposure limit?  
 PEL exposure limit?

Calculation Option: 2

SSTL Results For Complete Exposure Pathways ("x" if Complete)

CONSTITUENTS OF CONCERN		Representative Concentration (mg/L)	Groundwater Ingestion			Groundwater Volatilization to Indoor Air		Groundwater Volatilization to Outdoor Air		Applicable SSTL (mg/L)	SSTL Exceeded ? * If yes	Required CRF
CAS No.	Name		Residential: (on-site)	Commercial (on-site)	Regulatory(MCL): (on-site)	Residential: (off-site)	Commercial (on-site)	Residential (on-site)	Commercial (on-site)			
71-43-2	Benzene	1.8E-2	NA	NA	NA	1.1E+0	NA	NA	NA	1.1E+0	<input type="checkbox"/>	<1
107-06-2	Dichloroethane, 1,2-	1.7E-1	NA	NA	NA	3.9E+0	NA	NA	NA	3.9E+0	<input type="checkbox"/>	<1

>Sol indicates risk-based target concentration greater than constituent solubility

**Appendix C**

**Laboratory Reports for Groundwater Analysis,  
February and April 1999**



Nestlé USA



P O BOX 1518  
5625 EITERMAN ROAD  
DUBLIN OH 43017 6516

Laboratory Report

TEL (614) 526 5000  
FAX (614) 526 5353

QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225430

cc: Doug Oram - E'IC

Lab#: 99FEB8131-01

Sample Description: Water - Oakland, CA  
Sample ID: MW?  
2/5/99 12:02  
PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	0.43	mg/L	0.15	CA-Luft	2/19/1999

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report

Sample condition upon receipt: Good

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John Heuser  
Chemist

Nestlé USA

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225431

cc: Doug Oram - ETIC

Lab#: 99FEB8131-02

Sample Description: Water - Oakland, CA

Sample ID: W-210

2/5/99 12:20

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	0.96	mg/L	0.15	CA-Luft	2/19/1999

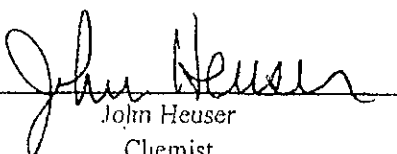
ND : Not Detected

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report

Sample condition upon receipt: Good.

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225432

cc: Doug Oram - ETIC

Lab#: 99FEB8131-03

Sample Description: Water - Oakland, CA

Sample ID: W-94

2/5/99 12.34

PO/Ref/Disp# Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	0.17	mg/L	0.15	CA-Luft	2/19/1999

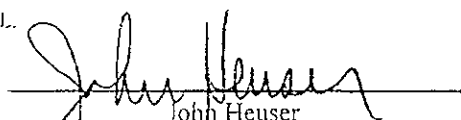
ND - Not Detected.

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.

Sample condition upon receipt: Good.

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 John Heuser  
 Chemist

Nestle Lab  
 Certification 2,3,4,5,12,13,16,17,19

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## Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya

Nestlé USA - Environmental Group

Glendale, CA 91203

cc: Doug Oram - ETIC

Date Sampled 2/5/1999

Date Received: 2/9/1999

Date Reported: 2/19/1999

Report Number 225434

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-04

Sample ID: MW-15

2/5/99 12:48

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Lutt	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	0.43	mg/L	0.15	CA-Lutt	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Sample ID: MW-15

2/5/99 12:48

PO/Ref/Disp#: Proj#99310-05



### Laboratory Report

QUALITY ASSURANCE LABORATORY

Date Sampled 2/5/1999

Date Received: 2/9/1999

Date Reported: 2/19/1999

Report Number: 225434

Lab#: 99FEB8131-04

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

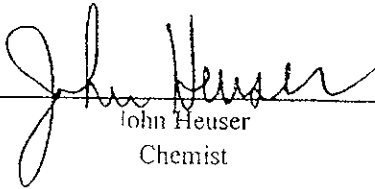
ND Not Detected.

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Sample condition upon receipt: Good.

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### Laboratory Report



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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225435

cc: Doug Oram - ETIC

Lab#: 99FEB8131-05

Sample Description: Water - Oakland, CA

Sample ID: V-46

2/5/99 13:00

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	0.27	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



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Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oram - ETIC

Date Sampled 2/5/1999  
Date Received 2/9/1999  
Date Reported 2/19/1999  
Report Number 225435  
Lab# 99FEB8131-05

Sample Description: Water - Oakland, CA  
Sample ID: V-46  
2/5/99 13:00  
PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

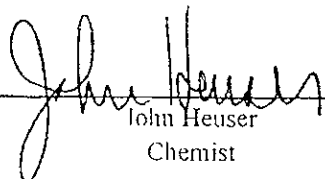
ND - Not Detected.

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Sample condition upon receipt: Good

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### Laboratory Report



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Binayak Acharya  
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Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225436  
Lab#: 99FEB8131-06

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Sample ID: MW-11

2/5/99 13:46

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999

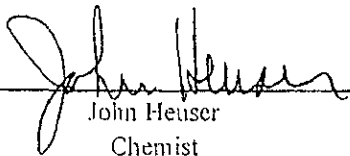
ND . Not Detected.

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### Laboratory Report

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Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225437

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-07

Sample ID: W-81

2/5/99 13:55

PO/Ref/Disp# Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



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Binayak Acharya  
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Glendale, CA 91203

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225437

cc: Doug Oram - ETIC

Lab#: 99FEB8131-07

Sample Description: Water - Oakland, CA

Sample ID: W-81

2/5/99 13.55

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

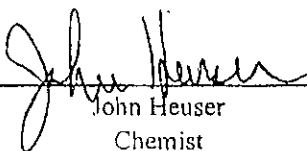
ND : Not Detected.

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Sample condition upon receipt: Good.

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Binayak Acharya  
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Glendale, CA 91203  
cc. Doug Oram - ETIC

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225438  
Lab#: 99FEB813i-08

Sample Description: Water - Oakland, CA  
Sample ID: MW-12  
2/5/99 15:15  
PO/Ref/Disp# Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999

ND - Not Detected.

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### Laboratory Report



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Glendale, CA 91203

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225439

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA  
Sample ID: MW-13  
2/5/99 15:24  
PO/Ref/Disp#: Proj#99310-05

Lab#: 99FEB8131-09

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Lufi	2/10/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/10/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/10/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/10/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/10/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/10/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/10/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/10/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Lufi	2/19/1999

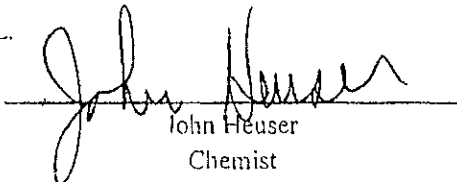
ND . Not Detected

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### Laboratory Report



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Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225440

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-10

Sample ID: MW-5

2/5/99 15:33

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/12/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225440

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-10

Sample ID: MW-5

2/5/99 15 33

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

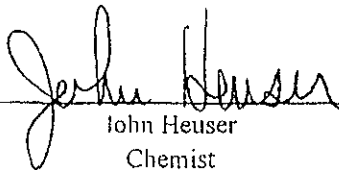
ND - Not Detected

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Sample condition upon receipt: Good.

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 Chemist

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## Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled: 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225441

cc. Doug Oram - ETIC

Lab#: 99FEB8131-11

Sample Description: Water - Oakland, CA

Sample ID: MW-29

2/5/99 15:58

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Lufi	2/12/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	8.50	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	68	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Sample ID: MW-29

2/5/99 15:58

PO/Ref/Disp#. Proj#99310-05



### Laboratory Report

QUALITY ASSURANCE LABORATORY

Date Sampled 2/5/1999

Date Received: 2/9/1999

Date Reported: 2/19/1999

Report Number: 225441

Lab#: 99FEB8131-11

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

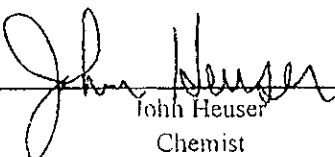
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 Chemist



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### Laboratory Report



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Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225442

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-12

Sample ID: MW-28

2/5/99 16:21

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/12/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	5.00	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	0.9	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	N	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	32	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	29	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225442

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-12

Sample ID: MW-28

2/5/99 16:21

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

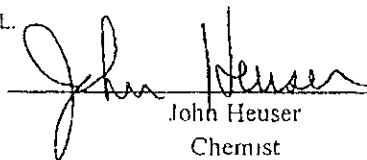
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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225443

cc. Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-13

Sample ID: MW-25

2/5/99 16:48

PO/Ref/Disp# Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/12/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	28.0	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	0.34	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	0.9	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	28	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	59	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225443

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-13

Sample ID: MW-25

2/5/99 16:48

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

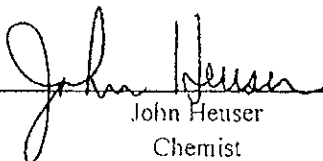
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 \_\_\_\_\_  
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 Chemist

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Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225444

cc Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-14

Sample ID: MW-26

2/5/99 17:30

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.23	mg/L	0.05	CA-Luft	2/12/1999
Benzene	20.0	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	0.60	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	0.80	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	0.80	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	29.0	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	0.23	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	10	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	51	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Sample ID: MW-26

2/5/99 17:30

PO/Ref/Disp#: Proj#99310-05

### Laboratory Report



QUALITY ASSURANCE LABORATORY

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225444  
Lab#: 99FEB8131-14

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

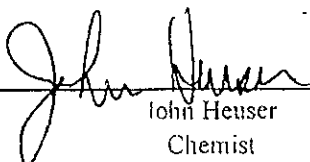
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Sample condition upon receipt: Good.

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 Chemist

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225445

cc. Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-15

Sample ID MW-27

2/5/99 17:42

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	2/12/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/12/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/12/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/12/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/12/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/12/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/12/1999
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/19/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	0.7	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225445

Sample Description: Water - Oakland, CA

Lab#: 99FEB8131-15

Sample ID: MW-27

2/5/99 17.42

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

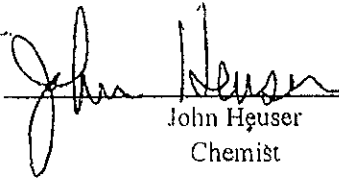
ND : Not Detected.

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Sample condition upon receipt: Good.

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John Heuser  
Chemist



Nestlé USA

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 2/5/1999  
Date Received: 2/9/1999  
Date Reported: 2/19/1999  
Report Number: 225447

cc: Doug Oram - ETIC

Lab#: 99FEB8131-17

Sample Description: Water - Oakland, CA

Sample ID: Trip Blank

2/5/99

PO/Ref/Disp#: Proj#99310-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Lufl	2/9/1999
Benzene	ND	µg/L	0.50	EPA 8020	2/9/1999
Toluene	ND	µg/L	0.50	EPA 8020	2/9/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	2/9/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	2/9/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	2/9/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	2/9/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Chloroform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999

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### Laboratory Report



QUALITY ASSURANCE LABORATORY

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC

Sample Description: Water - Oakland, CA

Sample ID: Trip Blank

2/5/99

PO/Ref/Disp#: Proj#99310-05

Date Sampled: 2/5/1999

Date Received: 2/9/1999

Date Reported: 2/19/1999

Report Number: 225447

Lab#: 99FEB8131-17

Test	Result	Units	DetLim	Method	Analysis Date
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	2/9/1999
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	2/9/1999
Bromoform	ND	µg/L	0.5	EPA 8010	2/9/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	2/9/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	2/9/1999

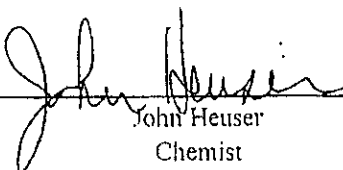
ND : Not Detected.

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report

Sample condition upon receipt: Good.

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John Heuser  
Chemist

# NQAL ENVIRONMENTAL CHAIN OF CUSTODY FORM

Nestlé USA Quality Assurance Laboratory - Confidential  
6625 Eiterman Road, Dublin, OH 43017

Client Information - Billing	Facility Information - If different from Client
Company Name: <u>NESTLE</u>	Company Name: <u>ETIC</u>
Address: <u>OAKLAND CA</u>	Address: <u>3275 STEVEN'S CREEK BLVD.</u>
Submitter: <u>WALTER LUECKE</u>	Submitter: <u>SUITE 315</u>
Phone #: <u>209-524-6564</u>	Phone #: <u>SAN JOSE, CA. 95117</u>
Fax #:	Fax #: <u>408-244-7202</u>
Send Reports To: <u>MR DOUG ORAM</u>	PROJECT: <u>99310-05</u>

FEB 9 1999  
NQAL

NQAL #	Sample ID	Preservation (water only)		Date/Time of Sampling	TPHG	BTEX	TPHAD	0108							Remarks/Requests
		Marks (resil. w-water)	# of Containers												
99 Jul				2-5-99											
8131-01	MW?	W	5	12:02	X	X	X	-							
2	W-210	W	5	12:20	X	X	X	-							1 Broken vial
3	W-94	W	8	12:34	X	X	X	-							1 Broken vial
4	MW-15	W	8	12:48	X	X	X	X							
5	V-46	W	8	13:00	X	X	X	X							
6	MW-11	W	5	13:46	X	X	X	-							
7	W-81	W	8	13:55	X	X	X	X							
8	MW-12	W	5	15:15	X	X	X	-							
9	MW-13	W	5	15:24	X	X	X	-							
10	MW-5	W	8	15:33	X	X	X	X							

Retinquished by: <u>[Signature]</u>	Date/Time:	Accepted by: <u>Nancy Cougill</u>	Date/Time: <u>2/9/99 9:15 AM</u>	Temperature: <u>9.4 °C</u>
Retinquished by:	Date/Time:	Accepted by:	Date/Time:	Broken Bottles:
Remarks: <u>QUESTIONS! CALL MR DOUG ORAM @ 925 930-6634</u>	Turnaround time information: Urgent (10 working days or less) <input type="checkbox"/> Routine (11 working days and up) <input checked="" type="checkbox"/>			

# NQA ENVIRONMENTAL CHAIN OF CUSTODY FORM

2-01-2

Nestlé USA Quality Assurance Laboratory - Confidential  
6625 Eiterman Road, Dublin, OH 43017

Client Information - Billing		Facility Information - If different from Client	
Company Name	<u>NESTLE</u>	Company Name	<u>ETIC</u>
Address	<u>CAKINW, CA.</u>	Address	<u>3275 STEVEN'S CREEK BLVD.</u>
Submitter	<u>WALTER LUBCKE.</u>	Submitter	<u>SAN JOSE, CA 95117</u>
Phone #	<u>209-524-6564</u>	Phone #	<u>408-244-7202</u>
Fax #		Fax #	<u>408-244-7277</u>
Send Reports To	<u>MR DOUG ORAM.</u>	PROJECT:	<u>99310-05</u>

RECEIVED  
FEB 9 1999  
NQA

99 File NQA #	Sample ID	Preservation (water only)		Date/Time of Sampling	TPH-G	BTEX	TPH-D	8010	Remarks/Requests
		Blank (or salt, or water)	# of Containers						
				2-5-99					
8131-11	MW-29	W	8	15:58	X	X	X	X	
12	MW-28	W	8	16:21	X	X	X	X	
13	MW-25	W	8	16:48	X	X	X	X	1 Broken Bottle
14	MW-26	W	8	17:30	X	X	X	X	1 Broken Bottle
15	MW-27	W	8	17:42	X	X	X	X	1 Broken Bottle 2 Broken Vials
16	MW-26 (dup)		8	17:30	X	X	X	X	
17	Trip Blank		2	2/19/99	X	X	X	X	per made at 2/19/99

Relinquished by:	<i>[Signature]</i>	Date/Time:		Accepted by:	Nancy Conger	Date/Time:	2/9/99 9:15 AM	Temperature:	9.4 °C
Relinquished by:		Date/Time:		Accepted by:		Date/Time:		Broken Bottles:	MW-25 MW-26 MW-27 MW-28 MW-29
Remarks:								Turnaround time information:	Urgent (10 working days or less) Routine (11 working days and up)

1 Broken Vial  
1 Broken Vial  
w-94-1 Broken Vial

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APR 30 1999

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APR 29 1999



QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229850

cc: Doug Oram - ETIC Engineering

Lab#: 99APR8179-01

Sample Description: Water - Oakland, CA  
Sample ID: MW25  
4-7-99/9:02  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/20/99
Toluene	ND	µg/L	0.50	EPA 8020	4/20/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/20/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/20/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Methyl t-butyl ether	27.0	µg/L	0.50	EPA 8020	4/20/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Vinyl chloride	ND	µg/L	0.5	EPA 8010	4/12/99
Bromomethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethene	1.6	µg/L	0.5	EPA 8010	4/12/99
Methylene Chloride	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethane	27	µg/L	0.5	EPA 8010	4/12/99
Chloroform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloroethane	72	µg/L	0.5	EPA 8010	4/12/99
Trichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	4/12/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229850  
Lab#: 99APR8179-01

Sample Description: Water - Oakland, CA  
Sample ID: MW25  
4-7-99/9:02  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromoform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
Chlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99

ND : Not Detected.

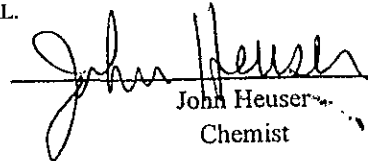
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Sample condition upon receipt: Good.

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John Heuser  
Chemist

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229851

Lab#: 99APR8179-02

Sample Description: Water - Oakland, CA  
Sample ID: MW26  
4-7-99/9:25  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.08	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/20/99
Toluene	ND	µg/L	0.50	EPA 8020	4/20/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/20/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/20/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Methyl t-butyl ether	25.0	µg/L	0.50	EPA 8020	4/20/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Vinyl chloride	ND	µg/L	0.5	EPA 8010	4/12/99
Bromomethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
Methylene Chloride	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethane	15	µg/L	0.5	EPA 8010	4/12/99
Chloroform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloroethane	54	µg/L	0.5	EPA 8010	4/12/99
Trichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	4/12/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229851  
Lab#: 99APR8179-02

Sample Description: Water - Oakland,CA  
Sample ID: MW26  
4-7-99/9:25  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromoform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
Chlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99

ND : Not Detected.

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Chemist



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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229852  
Lab#: 99APR8179-03

Sample Description: Water - Oakland, CA  
Sample ID: MW28  
4-7-99/8:30  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	4.50	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Vinyl chloride	ND	µg/L	0.5	EPA 8010	4/12/99
Bromomethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
Methylene Chloride	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloroform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloroethane	62	µg/L	0.5	EPA 8010	4/12/99
Trichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	4/12/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229852

cc: Doug Oram - ETIC Engineering

Lab#: 99APR8179-03

Sample Description: Water - Oakland, CA  
Sample ID: MW28  
4-7-99/8:30  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromoform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
Chlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99

ND : Not Detected.

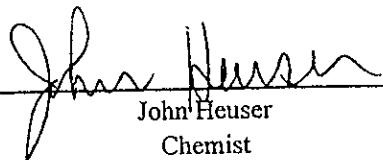
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Sample condition upon receipt: Good.

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 Chemist

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229853  
Lab#: 99APR8179-04

Sample Description: Water - Oakland, CA

Sample ID: MW29

4-7-99/8:47

PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	4.90	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Vinyl chloride	ND	µg/L	0.5	EPA 8010	4/12/99
Bromomethane	ND	µg/L	0.5	EPA 8010	4/12/99
Chloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethene	1.4	µg/L	0.5	EPA 8010	4/12/99
Methylene Chloride	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1-Dichloroethane	30	µg/L	0.5	EPA 8010	4/12/99
Chloroform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloroethane	38	µg/L	0.5	EPA 8010	4/12/99
Trichloroethene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
Tetrachloroethene.	ND	µg/L	0.5	EPA 8010	4/12/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229853  
Lab#: 99APR8179-04

Sample Description: Water - Oakland, CA  
Sample ID: MW29  
4-7-99/8:47  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	4/12/99
Bromoform	ND	µg/L	0.5	EPA 8010	4/12/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	4/12/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99
Chlorobenzene	ND	µg/L	0.5	EPA 8010	4/12/99

ND : Not Detected.

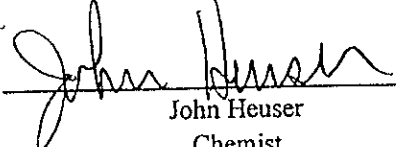
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Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229854  
Lab#: 99APR8179-05

Sample Description: Water - Oakland,CA  
Sample ID: MW30  
4-7-99/11:15  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99

ND : Not Detected.

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Sample condition upon receipt: Good.

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Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229855

Lab#: 99APR8179-06

Sample Description: Water - Oakland, CA  
Sample ID: MW33  
4-7-99/10:46  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	0.60	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	0.90	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99

ND : Not Detected.

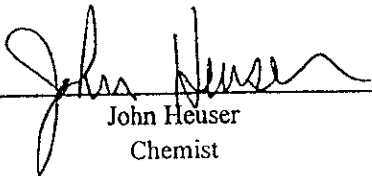
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### Laboratory Report

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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229856

cc: Doug Oram - ETIC Engineering

Lab#: 99APR8179-07

Sample Description: Water - Oakland, CA  
Sample ID: V24  
4-7-99/11:35  
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.12	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	0.50	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99

ND : Not Detected.

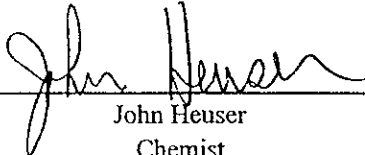
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 Chemist

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229857

Lab#: 99APR8179-08

Sample Description: Water - Oakland, CA

Sample ID: PR76

4-7-99/10:15

PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/21/99
Toluene	ND	µg/L	0.50	EPA 8020	4/21/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/21/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/21/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/21/99
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	4/21/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99

ND : Not Detected.

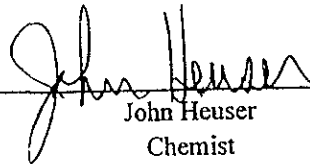
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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229858  
Lab#: 99APR8179-09

Sample Description: Water - Oakland, CA

Sample ID: 241

4-7-99/10:28

PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/20/99
Toluene	ND	µg/L	0.50	EPA 8020	4/20/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/20/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/20/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	4/20/99
Diesel Range Organics	ND	mg/L	0.25	CA-Luft	4/22/99

ND : Not Detected.

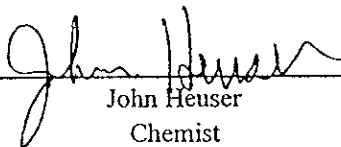
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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oram - ETIC Engineering

Date Sampled 4/7/99  
Date Received: 4/8/99  
Date Reported: 4/29/99  
Report Number: 229859  
Lab#: 99APR8179-10

Sample Description: Water - Oakland, CA

Sample ID: TB

4-7-99/None

PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	4/20/99
Benzene	ND	µg/L	0.50	EPA 8020	4/20/99
Toluene	ND	µg/L	0.50	EPA 8020	4/20/99
Ethylbenzene	ND	µg/L	0.50	EPA 8020	4/20/99
m&p Xylenes	ND	µg/L	0.50	EPA 8020	4/20/99
o-Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Total Xylene	ND	µg/L	0.50	EPA 8020	4/20/99
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	4/20/99

ND : Not Detected.

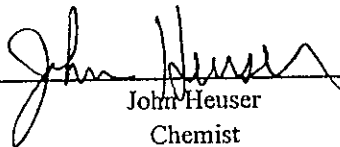
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Chemist



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 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342  
 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: <b>ETIC Engineering Inc.</b>		Project Name: <b>NESTLE - OAKLAND FACILITY</b>	
Mailing Address: <b>144 Mayhew Way</b>		Billing Address (if different):	
City: <b>Walnut Creek</b> State: <b>Ca.</b> Zip Code: <b>94594</b>			
Telephone: <b>925-977-7914</b> FAX #: <b>925-977-7915</b>	P.O. #: <b>TMNEST. 3</b>		
Report To: <b>Doug Oram</b>	Sampler: <b>Chris Chatham</b>	QC Data: <input type="checkbox"/> Level II (Standard) <input type="checkbox"/> Chromatograms <input type="checkbox"/> Level III <input type="checkbox"/> Level IV	

Turnaround <input checked="" type="checkbox"/> Standard	<input type="checkbox"/> 7 Working Days	<input type="checkbox"/> 2 Working Days	Analyses Requested
Time: 10-15 Working Days	<input type="checkbox"/> 5 Working Days	<input type="checkbox"/> 1 Working Day	
	<input type="checkbox"/> 3 Working Days	<input type="checkbox"/> ASAP	

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont Type	Sequoia's Sample #	TPH BTEX	TPH-d	SDIO	Comments
1. MW25	4-7-99/902	Water	6/1	VOC/Cont		X	X	X	8179-01
2. MW26	925					X	X	X	2
3. MW28	830					X	X	X	3
4. MW29	847					X	X	X	4
5. MW30	1115		3/1			X	X	X	5
6. MW33	1046					X	X	X	6
7. V24	1135					X	X	X	7
8. PR76	1015					X	X	X	8
9. 241	1028					X	X	X	9
10. TB	↓ NONE	↓	2	VOC		X			HOLD UNTIL FURTHER NOTICE

Relinquished By: <b>Chris Chatham</b>	Date: <b>4-7-99</b> Time: <b>1620</b>	Received By:	Date:	Time:
Relinquished By:	Date:	Received By:	Date:	Time:
Relinquished By:	Date:	Received By Lab: <b>Tancy Cougle</b>	Date: <b>4/8/99</b>	Time: <b>9:15 AM</b>

Samples Received in Good Condition?  Yes  No     
 Samples on Ice?  Yes  No     
 Method of Shipment

Pink - Client  
 Yellow - Sequoia  
 White - Ser ia

**Appendix D**

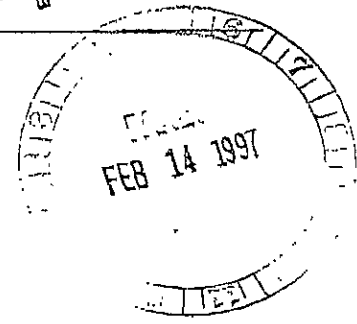
**Laboratory Reports for HVOC Groundwater Analysis,  
January 1997**

NESTLÉ USA, INC.



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**- Laboratory Report -**



Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2778  
 Lab#: 97FEB0009-01  
 LV#: 97JAN682-000

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW2  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	1/25/97
Benzene	ND	µg/L	0.50	EPA 8020	1/23/97
Toluene	ND	µg/L	0.50	EPA 8020	1/23/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/23/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/23/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/23/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/23/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	0.7	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97



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 FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya  
 Nestlé USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2778  
 Lab#: 97FEB0009-01  
 LV#: 97JAN682-000

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW2  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97


**ND: Not Detected**

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 John R. Heuser  
 Chemist



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2782  
 Lab#: 97FEB0009-02  
 LV#: 97JAN682-001

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW3  
 Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	3.60	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	0.70	mg/L	0.15	CA-Luft	1/25/97
Benzene	1600	µg/L	0.50	EPA 8020	1/25/97
Toluene	270	µg/L	0.50	EPA 8020	1/25/97
Ethylbenzene	120	µg/L	0.50	EPA 8020	1/25/97
m&p Xylenes	120	µg/L	0.50	EPA 8020	1/25/97
o-Xylene	74.0	µg/L	0.50	EPA 8020	1/25/97
Total Xylene	194	µg/L	0.50	EPA 8020	1/25/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
trans 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	9.2	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2782  
Lab#: 97FEB0009-02  
LV#: 97JAN682-001

Sample Description: Well Water - Oakland, CA  
Sample ID: MW3  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97


ND: Not Detected

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John R. Heuser  
Chemist





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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2783  
Lab#: 97FEB0009-03  
LV#: 97JAN682-002

Sample Description: Well Water - Oakland, CA  
Sample ID: MW6  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.14	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	0.22	mg/L	0.15	CA-Luft	1/25/97
Benzene	5.50	µg/L	0.50	EPA 8020	1/23/97
Toluene	16.0	µg/L	0.50	EPA 8020	1/23/97
Ethylbenzene	2.90	µg/L	0.50	EPA 8020	1/23/97
m&p Xylenes	12.0	µg/L	0.50	EPA 8020	1/23/97
o-Xylene	4.50	µg/L	0.50	EPA 8020	1/23/97
Total Xylene	16.0	µg/L	0.50	EPA 8020	1/23/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	6.3	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2783  
Lab#: 97FEB0009-03  
LV#: 97JAN682-002

Sample Description: Well Water - Oakland, CA  
Sample ID: MW6  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

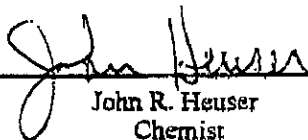
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

**ND: Not Detected**

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 \_\_\_\_\_  
 John R. Heuser  
 Chemist



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2784  
 Lab#: 97FEB0009-04  
 LV#: 97JAN682-003

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW25  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.08	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	0.60	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	0.9	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	25	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	41	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2784  
 Lab#: 97FEB0009-04  
 LV#: 97JAN682-003

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW25  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

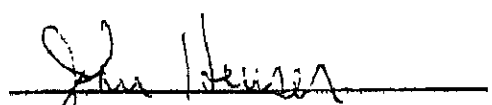
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 John R. Heuser  
 Chemist



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## - Laboratory Report -

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2785  
Lab#: 97FEB0009-05  
LV#: 97JAN682-004

Sample Description: Well Water - Oakland, CA  
Sample ID: MW26  
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	4.60	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	IP	mg/L	0.15	CA-Luft	2/5/97
Benzene	6500	µg/L	0.50	EPA 8020	1/24/97
Toluene	21.0	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	31.0	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	39.0	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	7.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	47.0	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	4.3	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	> 50	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2785  
Lab#: 97FEB0009-05  
LV#: 97JAN682-004

Sample Description: Well Water - Oakland, CA  
Sample ID: MW26  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

r 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Methyl t-butyl ether	26.0	µg/L	0.5	EPA 8020	1/24/97

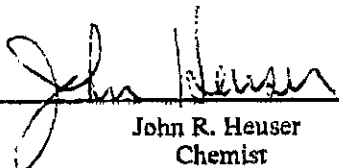
**ND: Not Detected**

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 John R. Heuser  
 Chemist



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- Laboratory Report -

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2786  
Lab#: 97FEB0009-06  
LV#: 97JAN682-005

Sample Description: Well Water - Oakland, CA  
Sample ID: MW27  
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.07	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	12.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	5.00	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	1.80	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	0.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	2.60	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	5.7	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2786  
 Lab#: 97FEB0009-06  
 LV#: 97JAN682-005

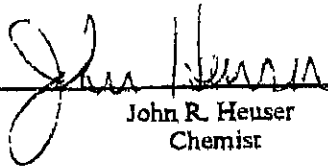
Sample Description: Well Water - Oakland, CA  
 Sample ID: MW27  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

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 Chemist





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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2787  
Lab#: 97FEB0009-07  
LV#: 97JAN682-006

Sample Description: Well Water - Oakland, CA  
Sample ID: MW28  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.22	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	18.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	20.0	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	2.20	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	10.0	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	2.60	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	13.0	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	5.1	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	85	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97



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Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2787  
Lab#: 97FEB0009-07  
LV#: 97JAN682-006

Sample Description: Well Water - Oakland, CA  
Sample ID: MW28  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

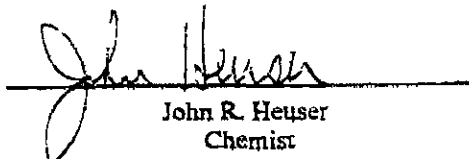
r 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Methyl t-butyl ether	8.20	µg/L	0.5	EPA 8020	1/24/97

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 John R. Heuser  
 Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2788  
Lab#: 97FEB0009-08  
LV#: 97JAN682-007

Sample Description: Well Water - Oakland, CA  
Sample ID: MW29  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.12	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	6.60	µg/L	0.50	EPA 8020	1/24/97
Toluene	8.90	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	0.60	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	6.50	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	2.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	9.30	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	4.9	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
trans 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	47	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	24	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2788  
Lab#: 97FEB0009-08  
LV#: 97JAN682-007

Sample Description: Well Water - Oakland, CA  
Sample ID: MW29  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Methyl t-butyl ether	1.80	µg/L	0.5	EPA 8020	1/24/97

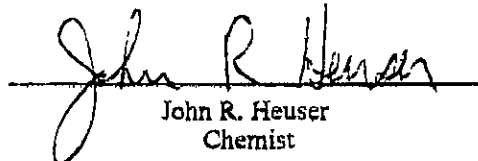
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John R. Heuser  
Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2789  
Lab#: 97FEB0009-09  
LV#: 97JAN682-008

Sample Description: Well Water - Oakland, CA  
Sample ID: MW30  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.08	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	0.60	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	0.60	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	0.5	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	0.9	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glandale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2789  
Lab#: 97FEB0009-09  
LV#: 97JAN682-008

Sample Description: Well Water - Oakland, CA  
Sample ID: MW30  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97


ND: Not Detected

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Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2790  
Lab#: 97FEB0009-10  
LV#: 97JAN682-009

Sample Description: Well Water - Oakland, CA  
Sample ID: MW32  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.15	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	IP	mg/L	0.15	CA-Luft	2/5/97
Benzene	14.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	1.90	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	0.8	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	10	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	0.7	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2790  
Lab#: 97FEB0009-10  
LV#: 97JAN682-009

Sample Description: Well Water - Oakland, CA  
Sample ID: MW32  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

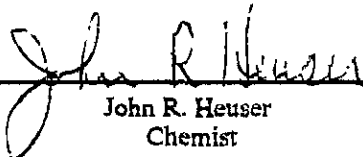
**ND: Not Detected**

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John R. Heuser  
Chemist



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**- Laboratory Report -**

Binayak Acharya  
 Nestlé USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2791  
 Lab#: 97FEB0009-11  
 LV#: 97JAN682-010

Sample Description: Well Water - Oakland, CA  
 Sample ID: MW32/dup  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.10	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	13.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	1.80	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylenc	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylenc	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	9.8	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2791  
Lab#: 97FEB0009-11  
LV#: 97JAN692-010

Sample Description: Well Water - Oakland, CA  
Sample ID: MW32/dup  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering


1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale , CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2793  
Lab#: 97FEB0009-12  
LV#: 97JAN682-011

Sample Description: Well Water - Oakland, CA  
Sample ID: MW23  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	8.0	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	2.6	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	0.9	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2793  
Lab#: 97FEB0009-12  
LV#: 97JAN682-011

Sample Description: Well Water - Oakland, CA

Sample ID: MW23

Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene

ND

µg/L

0.5

EPA 8010

1/29/97

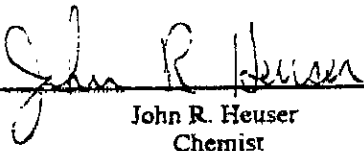
ND: Not Detected

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Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2794  
Lab#: 97FEB0009-13  
LV#: 97JAN682-012

Sample Description: Well Water - Oakland, CA  
Sample ID: V15  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
trans 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
trans 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97



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- Laboratory Report -

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2794  
Lab#: 97FEB0009-13  
LV#: 97JAN682-012

Sample Description: Well Water - Oakland, CA  
Sample ID: V15  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene

ND

µg/L

0.5

EPA 8010

1/29/97

ND: Not Detected

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Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2795  
Lab#: 97FEB0009-14  
LV#: 97JAN682-013

Sample Description: Well Water - Oakland, CA  
Sample ID: PR53  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	140	mg/L	0.05	CA-Luft	1/29/97
Benzene	20000	µg/L	0.50	EPA 8020	1/29/97
Toluene	18000	µg/L	0.50	EPA 8020	1/29/97
Ethylbenzene	1600	µg/L	0.50	EPA 8020	1/29/97
m&p Xylenes	7200	µg/L	0.50	EPA 8020	1/29/97
o-Xylene	3300	µg/L	0.50	EPA 8020	1/29/97
Total Xylene	10500	µg/L	0.50	EPA 8020	1/29/97
Methyl t-butyl ether	350	µg/L	50.0	EPA 8020	1/29/97
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	25	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97

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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2795  
Lab#: 97FEB0009-14  
LV#: 97JAN682-013

Sample Description: Well Water - Oakland, CA  
Sample ID: PR53  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

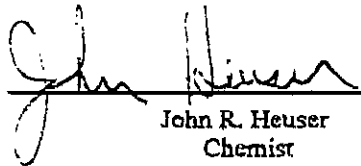
1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	8.4	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

**ND: Not Detected**

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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2796  
Lab#: 97FEB0009-15  
LV#: 97JAN682-014

Sample Description: Well Water - Oakland, CA  
Sample ID: PR46  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2796  
Lab#: 97FEB0009-15  
LV#: 97JAN682-014

Sample Description: Well Water - Oakland, CA  
Sample ID: PR46  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene ND µg/L 5.0 EPA 8260 1/30/97

ND: Not Detected

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John R. Heuser  
Chemist



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2797  
 Lab#: 97FEB0009-16  
 LV#: 97JAN682-015

Sample Description: Well Water - Oakland, CA  
 Sample ID: E7  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	> 120	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2797  
Lab#: 97FEB0009-16  
LV#: 97JAN682-015

Sample Description: Well Water - Oakland, CA  
Sample ID: E7  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene ND µg/L 5.0 EPA 8260 1/30/97

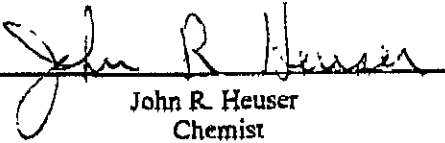
ND: Not Detected

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Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2798  
Lab#: 97FEB0009-17  
LV#: 97JAN682-016

Sample Description: Well Water - Oakland, CA  
Sample ID: PR54  
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	180	mg/L	0.05	CA-Luft	1/29/97
Diesel Range Organics	IP	mg/L	0.15	CA-Luft	2/5/97
Benzene	18000	µg/L	0.50	EPA 8020	1/29/97
Toluene	20000	µg/L	0.50	EPA 8020	1/29/97
Ethylbenzene	2000	µg/L	0.50	EPA 8020	1/29/97
m&p Xylenes	9800	µg/L	0.50	EPA 8020	1/29/97
o-Xylene	4700	µg/L	0.50	EPA 8020	1/29/97
Total Xylene	14500	µg/L	0.50	EPA 8020	1/29/97
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97



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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2798  
 Lab#: 97FEB0009-17  
 LV#: 97JAN682-016

Sample Description: Well Water - Oakland, CA  
 Sample ID: PR54  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

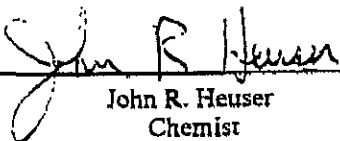
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 \_\_\_\_\_  
 John R. Heuser  
 Chemist



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97

Report Date: 2/14/97

Sampling Date: 1/16/97

Report Number: 2799

Lab#: 97FEB0009-18

LV#: 97JAN682-017

Sample Description: Well Water - Oakland, CA

Sample ID: V85

Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND <sup>b</sup>	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2799  
Lab#: 97FEB0009-18  
LV#: 97JAN682-017

Sample Description: Well Water - Oakland, CA

Sample ID: V85

Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene

ND

µg/L

5.0

EPA 8260

1/30/97

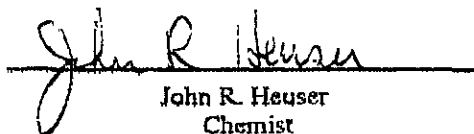
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John R. Heuser  
Chemist





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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2800  
Lab#: 97FEB0009-19  
LV#: 97JAN682-018

Sample Description: Well Water - Oakland, CA  
Sample ID: Trip Blank  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/24/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Methyl t-butyl ether	ND	µg/L	0.5	EPA 8020	1/24/97

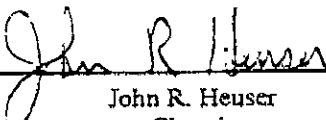
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**- Laboratory Report -**

Binayak Acharya  
 Nestle USA - Environmental Group  
 Glendale, CA

Sample Received: 1/17/97  
 Report Date: 2/14/97  
 Sampling Date: 1/16/97  
 Report Number: 2801  
 Lab#: 97FEB0009-20  
 LV#: 97IAN682-019

Sample Description: Well Water - Oakland, CA  
 Sample ID: Field Blank  
 Sampled by EA Engineering  
 PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97



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**- Laboratory Report -**

Binayak Acharya  
Nestle USA - Environmental Group  
Glendale, CA

Sample Received: 1/17/97  
Report Date: 2/14/97  
Sampling Date: 1/16/97  
Report Number: 2801  
Lab#: 97FEB0009-20  
LV#: 97JAN682-019

Sample Description: Well Water - Oakland, CA  
Sample ID: Field Blank  
Sampled by EA Engineering  
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Methyl t-butyl ether	ND	µg/L	0.5	EPA 8020	1/28/97

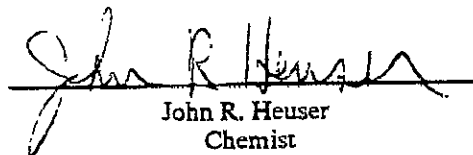
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Chemist

T-941 P 99/99 F-094 8145286993 FROM-NESTLE USA QA LAB NOV-08-00 10:38AM

Company Name:  
**EA/Nestle**  
Project No.:  
**60966.01**

Project Manager or Contact:  
**Doug Dean/Joe Nicholas K**  
Phone: **(510) 293-7077**  
Project Name:  
**Nestle - West Oakland CA**

Parameters/Method Numbers for Analytes\*


**Chain-of-Custody Record**



Reports/Deliverables Only

Sample Storage Location:

Page 1 of 1 Batch ID:

Date	Time	Water	Sol	Sample Identification (ID and Matrix) 19 Characters	No. of Containers
11/6/97	12:50	X		MW21	8
	10:00	X		MW3	8
	11:50	X		MW1	8
	08:07	X		MW25	8
	08:20	X		MW26	8
	08:34	X		MW27	8
	07:30	X		MW28	8
	07:54	X		MW29	8
	10:14	X		MW30	8
	12:36	X		MW32	8
	12:40	X		MW32/drop	8
	12:22	X		MW23	2
	10:38	X		W15	2
	10:51	X		PR53	6
	10:27	X		PR46	2
	11:42	X		ET	2
	11:15	X		PR54	8
	11:04	X		V85	2
		X		TRIP BLANK	1
		X		Field Blank	8

EA Lab Accession Number

**97 Jan**  
**682-000**

Remarks

- 1
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Sampled by: (Signature) *Paul Benitt*

Date/Time: *11/6/97*

Fielded by: (Signature) *Paul Benitt*

Date/Time: *11/6/97*

Received by: (Signature) *Joe Nicholas*

Date/Time: *11/7/97*

Received by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Holdng Times for VOAs

Sample Shipped by: (Circle)

Cooler Temp:      C   Yes  No Comments:

Fed. Ex:  UPS  
Pur. 2725783 (603)  
Other: 2601740626  
Air Bill Number: 2533238967

\*NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory technicians.

**Appendix E**

**Protocols for Installation, Sampling, and Abandonment  
of Site Assessment Borings**

# PROTOCOLS FOR INSTALLATION, SAMPLING, AND ABANDONMENT OF SITE ASSESSMENT BORINGS

## SINGLE TUBE SOIL CORING PROCEDURES

Prior to drilling, all boreholes were cleared by hand auger, shovel, or posthole digger to 4 feet below ground surface.

Soil samples were collected for lithologic and chemical analysis using a direct driven single tube soil coring system. A hydraulic hammer drove sampling rods into the ground to collect continuous or discrete soil cores. As the rods were advanced, soil was driven into an approximately 1.5-inch-diameter sample barrel that is attached to the end of the rods. Soil samples were collected in sleeves inside the sample barrel as the rods were advanced. After being driven 2 to 4 feet (depending on the sample interval and the length of the sample barrel), the rods were removed from the borehole. The sleeves containing the soil samples were removed from the sample barrel, and were preserved for chemical analyses or used for lithologic identification. Samples to be preserved for chemical analyses were sealed with Teflon tape and caps and placed in a cooler with ice. After adding new sleeves, the drive sampler and rods were then lowered back into the borehole to the previous depth and the process was repeated until the desired depth was reached.

All drive casing, sample barrels, rods, and tools were cleaned with Alconox or equivalent detergent and deionized water. All soil was contained in drums at the project site for disposal.

## SOIL GAS SAMPLING PROCEDURES

Soil gas samples were collected for chemical analysis using a direct driven single tube system. A hydraulic hammer drove the sampling rods into the ground to the desired depth of the soil gas sample. The soil gas sample was collected using the GeoProbe Post-Run Tubing (PRT) System. Once the PRT tubing system was inserted into the rods and connected to the PRT expendable point holder, the rods were retracted at a desired interval and the expendable drive point on the bottom of the rods was released. A vacuum was then applied to the tubing to purge the ambient air.

The soil gas sample was then collected in a summa canister. A summa canister is a 6-liter stainless steel vessel which has had the internal surfaces specially passivated using a "Summa" process. The summa canister arrived pre-cleaned from the laboratory and with an internal vacuum of between 25" Hg and 30" Hg. Prior to use, the pressure in the summa canister was checked with a pressure gauge to ensure a vacuum of at least 25" Hg for quality control purposes. Once the PRT tubing was purged of ambient air, the vacuum system was shut off and, without exposing the tubing to the ambient air, it was connected to a summa canister. A particulate filter was used in-line to filter out particles and liquids, and a pressure gauge was used in-line or after sampling to check the final pressure. The valve on the summa canister was opened, and the soil gas sample was drawn into the canister. A small vacuum of about 5" Hg is left inside the canister and is recorded on the chain-of-custody. Upon receipt the laboratory checked the pressure in the canister and compared it to the pressure recorded on the chain-of-custody for quality control purposes.

## **BOREHOLE GROUTING**

On completion of sampling, boreholes were abandoned with a cement grout containing less than 5 percent pure sodium bentonite. The grout was pumped through a grouting tube positioned at the bottom of the borehole. Boreholes were resurfaced to match the surrounding conditions.

**Appendix F**

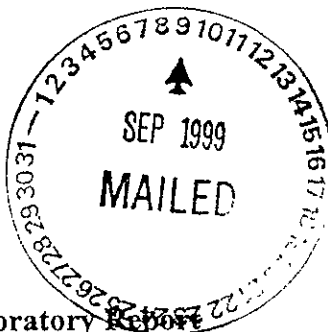
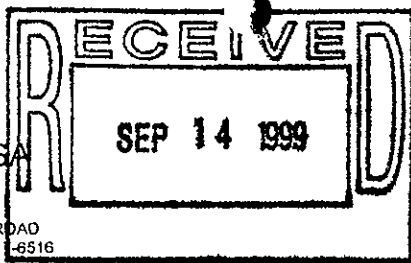
**Laboratory Reports for Soil and Soil Gas Analysis,  
August 1999**



Nestlé USA

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DUBLIN, OH 43011-6516

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FAX (614) 526-5353



Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237540

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-01

Sample Description: Soil-Oakland,CA  
Sample ID: SB1,3.5'-4.0'  
8/12/99 09:40  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.13	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.3	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.3	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.3	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.3	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.3	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.3	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.3	EPA 8020	8/26/99
Diesel Range Organics	1200	mg/kg	110	CA-Luft	9/3/99
Dichlorodifluoromethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	1.1	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	1.1	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	1.1	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Chloroform	ND	µg/kg	1.1	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	1.1	EPA 8010	8/24/99
1,2-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	1.1	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	1.1	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	1.1	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	1.1	EPA 8010	8/24/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99

Date Received: 8/17/99

Date Reported: 9/8/99

Report Number: 237540

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-01

Sample Description: Soil-Oakland,CA

Sample ID: SB1,3.5'-4.0'

8/12/99 09:40

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.1	EPA 8010	8/24/99
Bromoform	ND	µg/kg	1.1	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.1	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	1.1	EPA 8010	8/24/99
Moisture	10.4	%	0.50		8/21/99

ND : Not Detected.

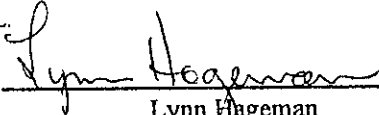
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237541

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-02

Sample Description: Soil-Oakland,CA

Sample ID: SB1,6.5'-7.0'

8/12/99 09:50

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DefLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.9	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237541  
Lab#: 99AUG8297-02

Sample Description: Soil-Oakland,CA  
Sample ID: SB1,6.5'-7.0'  
8/12/99 09:50  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Moisture	13.0	%	0.50		8/21/99

ND : Not Detected.

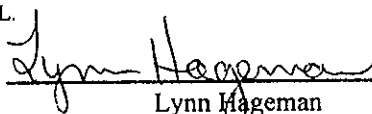
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 Chemist

Nestlé USA

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### Laboratory Report

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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237542

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-03

Sample Description: Soil-Oakland,CA  
Sample ID: SB2,3.5'-4.0'  
8/12/99 10:30  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.09	CA-Luft	8/26/99
Benzene	ND	µg/kg	0.9	EPA 8020	8/26/99
Toluene	ND	µg/kg	0.9	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	0.9	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	0.9	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	0.9	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	0.9	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	0.9	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.6	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99

Date Received: 8/17/99

Date Reported: 9/8/99

Report Number: 237542

Lab#: 99AUG8297-03

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland, CA

Sample ID: SB2,3.5'-4.0'

8/12/99 10:30

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
Moisture	8.94	%	0.50		8/21/99

ND : Not Detected.

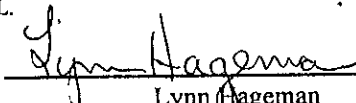
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Sample condition upon receipt: Good.

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\_\_\_\_\_  
Lynn Hageman  
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237543

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-04

Sample Description: Soil-Oakland,CA

Sample ID: SB2,6.5'-7.0'

8/12/99 10:45

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.9	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichloroethane	1.0	µg/kg	1.0	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/24/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237543  
Lab#: 99AUG8297-04

Sample Description: Soil-Oakland,CA  
Sample ID: SB2,6.5'-7.0'  
8/12/99 10:45  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/24/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/24/99
Moisture	12.9	%	0.50		8/21/99

ND : Not Detected.

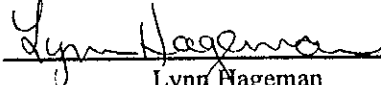
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist



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Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237544

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-05

Sample Description: Soil-Oakland,CA

Sample ID: SB3,3.5'-4.0'

8/12/99 11:22

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.6	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.7	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichloroethane	0.7	µg/kg	0.7	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237544

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-05

Sample Description: Soil-Oakland,CA  
Sample ID: SB3,3.5'-4.0'  
8/12/99 11:22  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DefLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
Moisture	8.29	%	0.50		8/21/99

ND : Not Detected.

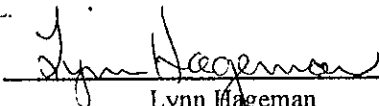
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 Chemist

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Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237545

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-06

Sample Description: Soil-Oakland,CA  
Sample ID: SB3,6.5'-7.0'  
8/12/99 11:28  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	6160	mg/kg	165	CA-Luft	8/30/99
Benzene	11000	µg/kg	160	EPA 8020	8/28/99
Toluene	190000	µg/kg	1600	EPA 8020	8/30/99
Ethylbenzene	100000	µg/kg	1600	EPA 8020	8/30/99
m&p Xylenes	330000	µg/kg	1600	EPA 8020	8/30/99
o-Xylene	130000	µg/kg	1600	EPA 8020	8/30/99
Total Xylene	460000	µg/kg	1600	EPA 8020	8/30/99
Methyl t-butyl ether	73	µg/kg	2.3	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.7	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.7	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichloroethane	1.8	µg/kg	0.7	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.7	EPA 8010	8/24/99

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### Laboratory Report

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Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237545  
Lab#: 99AUG8297-06

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB3,6.5'-7.0'  
8/12/99 11:28  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.7	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.7	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.7	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/24/99
Moisture	11.3	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The sample was then prepared in MeOH on 8/26 (within the 14 day hold time) but analysis of the dilutions exceed the 14 day hold time by not more than 3 days. Since the MeOH dilution was completed within the 14 day hold time, minimal impact on the data is expected.

ND : Not Detected.

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Sample condition upon receipt: Good.

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Chemist

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237546

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-07

Sample Description: Soil-Oakland,CA

Sample ID: SB4,3.5'-4.0'

8/12/99 13:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/28/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/28/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/28/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/28/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/28/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/28/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/28/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/28/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.7	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99

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### Laboratory Report

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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237546  
Lab#: 99AUG8297-07

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB4,3.5'-4.0'  
8/12/99 13:00  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
Moisture	7.23	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time but due to possible carry over from a highly concentrated sample it was reanalyzed 1 day after the 14 day hold time and found not to contain these analytes.

ND : Not Detected.

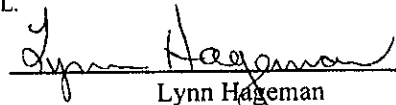
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Sample condition upon receipt: Good.

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Chemist

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### Laboratory Report

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Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237547

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-08

Sample Description: Soil-Oakland,CA

Sample ID: SB4,6.5'-7.0'

8/12/99 13:06

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.55	mg/kg	0.11	CA-Luft	8/26/99
Benzene	82	µg/kg	1.1	EPA 8020	8/26/99
Toluene	8.5	µg/kg	1.1	EPA 8020	8/26/99
Ethylbenzene	7.3	µg/kg	1.1	EPA 8020	8/26/99
m&p Xylenes	11	µg/kg	1.1	EPA 8020	8/26/99
o-Xylene	2.1	µg/kg	1.1	EPA 8020	8/26/99
Total Xylene	13	µg/kg	1.1	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.1	EPA 8020	8/26/99
Diesel Range Organics	94	mg/kg	6.0	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloroethane	1.0	µg/kg	0.8	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99

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### Laboratory Report

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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237547

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-08

Sample Description: Soil-Oakland,CA

Sample ID: SB4,6.5'-7.0'

8/12/99 13:06

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DefLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Moisture	14.7	%	0.50		8/21/99

ND : Not Detected.

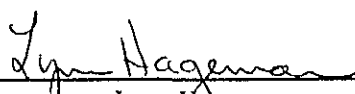
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Lynn Hageman  
Chemist



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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237548

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-09

Sample Description: Soil-Oakland,CA

Sample ID: SB5,3.5'-4.0'

8/12/99 13:40

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.09	CA-Luft	8/26/99
Benzene	ND	µg/kg	0.9	EPA 8020	8/26/99
Toluene	ND	µg/kg	0.9	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	0.9	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	0.9	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	0.9	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	0.9	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	0.9	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.6	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.6	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.6	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.6	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.6	EPA 8010	8/24/99
1,2-Dichloroethane	0.6	µg/kg	0.6	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.6	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.6	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.6	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.6	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.6	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.6	EPA 8010	8/24/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237548

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-09

Sample Description: Soil-Oakland,CA  
Sample ID: SB5,3.5'-4.0'  
8/12/99 13:40  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.6	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.6	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.6	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.6	EPA 8010	8/24/99
Moisture	7.01	%	0.50		8/21/99

ND : Not Detected.

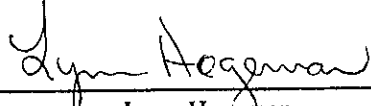
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Sample condition upon receipt: Good.

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\_\_\_\_\_  
Lynn Hageman  
Chemist

Nestlé USA

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## Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237549

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-10

Sample Description: Soil-Oakland,CA

Sample ID: SB5,6.5'-7.0'

8/12/99 13:45

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.08	CA-Luft	8/26/99
Benzene	ND	µg/kg	0.8	EPA 8020	8/26/99
Toluene	ND	µg/kg	0.8	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	0.8	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	0.8	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	0.8	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	0.8	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	0.8	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.9	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloroethane	0.9	µg/kg	0.8	EPA 8010	8/24/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/24/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237549

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-10

Sample Description: Soil-Oakland,CA  
Sample ID: SB5,6.5'-7.0'  
8/12/99 13:45  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/24/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/24/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/24/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/24/99
Moisture	13.4	%	0.50		8/21/99

ND : Not Detected.

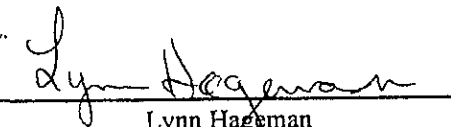
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

Nestlé USA

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237550

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-11

Sample Description: Soil-Oakland,CA  
Sample ID: SB7,3.5'-4.0'  
8/12/99 14:15  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.4	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99

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Glendale, CA 91203

cc: Doug Oran-ETIC Engineering

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237550  
Lab#: 99AUG8297-11

Sample Description: Soil-Oakland,CA  
Sample ID: SB7,3.5'-4.0'  
8/12/99 14:15  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
Moisture	5.76	%	0.50		8/21/99

ND : Not Detected.

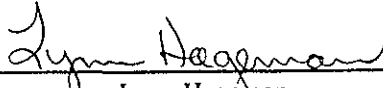
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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

Nestlé USA

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237551

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-12

Sample Description: Soil-Oakland,CA

Sample ID: SB7,6.5'-7.0'

8/12/99 14:17

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.11	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.1	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.1	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.1	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.1	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.1	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.1	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.1	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.8	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237551  
Lab#: 99AUG8297-12

Sample Description: Soil-Oakland,CA  
Sample ID: SB7,6.5'-7.0'  
8/12/99 14:17  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
Moisture	14.4	%	0.50		8/21/99

ND : Not Detected.

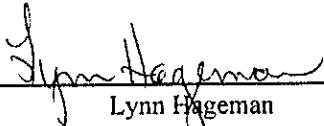
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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist



Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237552

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-13

Sample Description: Soil-Oakland,CA

Sample ID: SB14,3.5'-4.0'

8/12/99 14:45

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.08	CA-Luft	8/26/99
Benzene	ND	µg/kg	0.8	EPA 8020	8/26/99
Toluene	ND	µg/kg	0.8	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	0.8	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	0.8	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	0.8	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	0.8	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	0.8	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/25/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237552  
Lab#: 99AUG8297-13

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB14,3.5'-4.0'  
8/12/99 14:45  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/25/99
Moisture	8.03	%	0.50		8/21/99

ND : Not Detected.

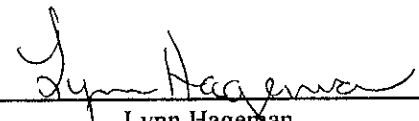
Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.

Sample condition upon receipt: Good.

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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

Nestlé USA

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237553

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-14

Sample Description: Soil-Oakland,CA  
Sample ID: SB14,6.5'-7.0'  
8/12/99 14:50  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	28.5	mg/kg	0.59	CA-Luft	8/26/99
Benzene	560	µg/kg	5.9	EPA 8020	8/26/99
Toluene	290	µg/kg	13	EPA 8020	8/28/99
Ethylbenzene	330	µg/kg	5.9	EPA 8020	8/26/99
m&p Xylenes	1200	µg/kg	5.9	EPA 8020	8/26/99
o-Xylene	490	µg/kg	5.9	EPA 8020	8/26/99
Total Xylene	1700	µg/kg	5.9	EPA 8020	8/26/99
Methyl t-butyl ether	84	µg/kg	5.9	EPA 8020	8/26/99
Diesel Range Organics	450	mg/kg	58	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloroethane	9.7	µg/kg	1.0	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237553  
Lab#: 99AUG8297-14

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB14,6.5'-7.0'  
8/12/99 14:50  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Moisture	12.5	%	0.50		8/21/99

BTEX/GRO - The toluene dilution was analyzed 1 day after the 14 day hold time.

ND : Not Detected.

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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237554

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-15

Sample Description: Soil-Oakland,CA

Sample ID: SB8,3.5'-4.0'

8/12/99 15:20

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg*	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.6	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.7	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.7	EPA 8010	8/25/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237554

Lab#: 99AUG8297-15

Sample Description: Soil-Oakland,CA

Sample ID: SB8,3.5'-4.0'

8/12/99 15:20

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.7	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.7	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.7	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.7	EPA 8010	8/25/99
Moisture	9.03	%	0.50		8/21/99

ND : Not Detected.

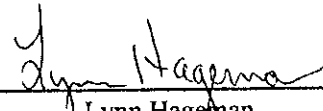
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Sample condition upon receipt: Good.

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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

Nestlé USA



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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237555

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-16

Sample Description: Soil-Oakland,CA  
Sample ID: SB8,6.5'-7.0'  
8/12/99 15:25  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	13.0	mg/kg	0.27	CA-Luft	8/26/99
Benzene	430	µg/kg	2.7	EPA 8020	8/26/99
Toluene	360	µg/kg	130	EPA 8020	8/28/99
Ethylbenzene	120	µg/kg	2.7	EPA 8020	8/26/99
m&p Xylenes	520	µg/kg	130	EPA 8020	8/28/99
o-Xylene	310	µg/kg	130	EPA 8020	8/28/99
Total Xylene	830	µg/kg	130	EPA 8020	8/28/99
Methyl t-butyl ether	22	µg/kg	2.7	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.8	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloroethane	1.2	µg/kg	0.9	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237555

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-16

Sample Description: Soil-Oakland,CA  
Sample ID: SB8,6.5'-7.0'  
8/12/99 15:25  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/25/99
Moisture	12.3	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The sample was then prepared in MeOH on 8/26 (within the 14 day hold time) but analysis of the dilutions exceed the 14 day hold time by not more than 1 day. Since the MeOH dilution was completed within the 14 day hold time, minimal impact on the data is expected.

ND : Not Detected.

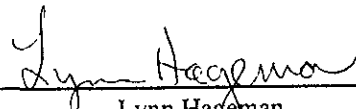
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist



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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237556

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-17

Sample Description: Soil-Oakland,CA  
Sample ID: SB12,3.5'-4.0'  
8/12/99 15:55  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/26/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.6	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.6	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.6	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.6	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.6	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.6	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.6	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.6	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.6	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.6	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.6	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.6	EPA 8010	8/25/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237556

Lab#: 99AUG8297-17

Sample Description: Soil-Oakland,CA  
Sample ID: SB12,3.5'-4.0'  
8/12/99 15:55  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.6	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.6	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.6	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	0.6	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	0.6	EPA 8010	8/25/99
Moisture	7.64	%	0.50		8/21/99

ND : Not Detected.

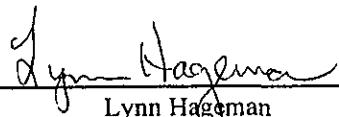
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Sample condition upon receipt: Good.

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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237557

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-18

Sample Description: Soil-Oakland,CA

Sample ID: SB12,4.5'-5.0'

8/12/99 16:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	496	mg/kg	11.8	CA-Luft	8/30/99
Benzene	70	µg/kg	1.1	EPA 8020	8/26/99
Toluene	32	µg/kg	1.1	EPA 8020	8/26/99
Ethylbenzene	4000	µg/kg	120	EPA 8020	8/30/99
m&p Xylenes	800	µg/kg	120	EPA 8020	8/30/99
o-Xylene	5900	µg/kg	120	EPA 8020	8/30/99
Total Xylene	6700	µg/kg	120	EPA 8020	8/30/99
Methyl t-butyl ether	14	µg/kg	1.1	EPA 8020	8/26/99
Diesel Range Organics	2900	mg/kg	580	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Chloroform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	0.9	EPA 8010	8/25/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237557  
Lab#: 99AUG8297-18

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB12,4.5'-5.0'  
8/12/99 16:00  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.9	EPA 8010	8/25/99
Bromoform	ND	µg/kg	0.9	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.9	EPA 8010	8/25/99
1,3-Dichlorobenzene	38	µg/kg	0.9	EPA 8010	8/25/99
1,4-Dichlorobenzene	330	µg/kg	6.5	EPA 8010	8/26/99
Chlorobenzene	1.7	µg/kg	0.9	EPA 8010	8/25/99
1,2-Dichlorobenzene	3100	µg/kg	26	EPA 8010	8/26/99
Moisture	12.7	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The sample was then prepared in MeOH on 8/26 (within the 14 day hold time) but analysis of the dilutions exceed the 14 day hold time by not more than 3 days. Since the MeOH dilution was completed within the 14 day hold time, minimal impact on the data is expected.

ND : Not Detected.

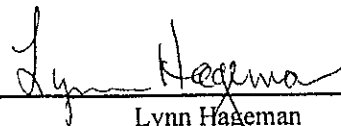
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237558

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-19

Sample Description: Soil-Oakland,CA

Sample ID: SB12,6.5'-7.0'

8/12/99 16:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	2.25	mg/kg	0.08	CA-Luft	8/26/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/26/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/26/99
Ethylbenzene	23	µg/kg	1.0	EPA 8020	8/26/99
m&p Xylenes	1.9	µg/kg	1.0	EPA 8020	8/26/99
o-Xylene	7.5	µg/kg	1.0	EPA 8020	8/26/99
Total Xylene	9.8	µg/kg	1.0	EPA 8020	8/26/99
Methyl t-butyl ether	0.6	µg/kg	0.6	EPA 8020	8/26/99
Diesel Range Organics	60	mg/kg	5.9	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Chloromethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Vinyl chloride	ND	µg/kg	1.1	EPA 8010	8/25/99
Bromomethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Chloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Trichlorofluoromethane	ND	µg/kg	1.1	EPA 8010	8/25/99
1,1-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/25/99
Methylene Chloride	ND	µg/kg	1.1	EPA 8010	8/25/99
t 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/25/99
cis 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/25/99
1,1-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Chloroform	ND	µg/kg	1.1	EPA 8010	8/25/99
1,1,1-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Carbon Tetrachloride	ND	µg/kg	1.1	EPA 8010	8/25/99
1,2-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Trichloroethene	ND	µg/kg	1.1	EPA 8010	8/25/99
1,2-Dichloropropane	ND	µg/kg	1.1	EPA 8010	8/25/99
Bromodichloromethane	ND	µg/kg	1.1	EPA 8010	8/25/99
c 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/25/99
t 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/25/99
1,1,2-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Tetrachloroethene	ND	µg/kg	1.1	EPA 8010	8/25/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237558

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-19

Sample Description: Soil-Oakland,CA

Sample ID: SB12,6.5'-7.0'

8/12/99 16:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.1	EPA 8010	8/25/99
Bromoform	ND	µg/kg	1.1	EPA 8010	8/25/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.1	EPA 8010	8/25/99
1,3-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/25/99
1,4-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/25/99
1,2-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/25/99
Chlorobenzene	ND	µg/kg	1.1	EPA 8010	8/25/99
Moisture	13.0	%	0.50		8/21/99

ND : Not Detected.

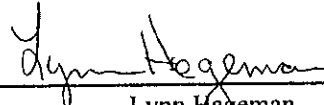
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 \_\_\_\_\_  
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### Laboratory Report

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Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237559

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-20

Sample Description: Soil-Oakland,CA  
Sample ID: SB15,3.5'-4.0'  
8/12/99 16:35  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.51	CA-Luft	8/28/99
Benzene	ND	µg/kg	5.4	EPA 8020	8/28/99
Toluene	ND	µg/kg	5.4	EPA 8020	8/28/99
Ethylbenzene	ND	µg/kg	5.4	EPA 8020	8/28/99
m&p Xylenes	ND	µg/kg	5.4	EPA 8020	8/28/99
o-Xylene	ND	µg/kg	5.4	EPA 8020	8/28/99
Total Xylene	ND	µg/kg	5.4	EPA 8020	8/28/99
Methyl t-butyl ether	ND	µg/kg	5.4	EPA 8020	8/28/99
Diesel Range Organics	140	mg/kg	54	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	9.1	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	9.1	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	9.1	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	9.1	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	9.1	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	9.1	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Chloroform	ND	µg/kg	9.1	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	9.1	EPA 8010	8/27/99
1,2-Dichloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Trichloroethene	ND	µg/kg	9.1	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	9.1	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	9.1	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	9.1	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	9.1	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	9.1	EPA 8010	8/27/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237559  
Lab#: 99AUG8297-20

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB15,3.5'-4.0'  
8/12/99 16:35  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	9.1	EPA 8010	8/27/99
Bromoform	ND	µg/kg	9.1	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	9.1	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	9.1	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	9.1	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	9.1	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	9.1	EPA 8010	8/27/99
Moisture	5.92	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The surrogate recovery (50%) was slightly low and was reanalyzed. The reanalysis was run 1 day after the 14 day hold time and was found to contain similar concentrations as the previous analysis.

ND : Not Detected.

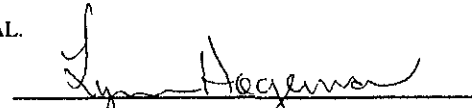
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist



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QUALITY ASSURANCE LABORATORY

## Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237560

Lab#: 99AUG8297-21

Sample Description: Soil-Oakland,CA

Sample ID: SB15,6.5'-7.0'

8/12/99 16:40

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.57	CA-Luft	8/28/99
Benzene	ND	µg/kg	6.1	EPA 8020	8/28/99
Toluene	12	µg/kg	6.1	EPA 8020	8/28/99
Ethylbenzene	ND	µg/kg	6.1	EPA 8020	8/28/99
m&p Xylenes	8.5	µg/kg	6.1	EPA 8020	8/28/99
o-Xylene	ND	µg/kg	6.1	EPA 8020	8/28/99
Total Xylene	8.5	µg/kg	6.1	EPA 8020	8/28/99
Methyl t-butyl ether	ND	µg/kg	6.1	EPA 8020	8/28/99
Diesel Range Organics	81	mg/kg	54	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	9.8	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	9.8	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	9.8	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	9.8	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	9.8	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	9.8	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Chloroform	ND	µg/kg	9.8	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	9.8	EPA 8010	8/27/99
1,2-Dichloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Trichloroethene	ND	µg/kg	9.8	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	9.8	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	9.8	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	9.8	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	9.8	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	9.8	EPA 8010	8/27/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/12/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237560  
Lab#: 99AUG8297-21

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA

Sample ID: SB15,6.5'-7.0'

8/12/99 16:40

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	9.8	EPA 8010	8/27/99
Bromoform	ND	µg/kg	9.8	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	9.8	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	9.8	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	9.8	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	9.8	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	9.8	EPA 8010	8/27/99
Moisture	5.80	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The surrogate recovery (50%) was slightly low and was reanalyzed. The reanalysis was run 1 day after the 14 day hold time and was found to contain similar concentrations as the previous analysis.

ND : Not Detected.

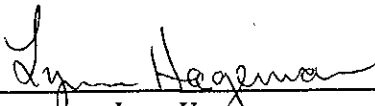
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237561

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-22

Sample Description: Soil-Oakland,CA  
Sample ID: SB9,3.5'-4.0'  
8/13/99 08:50  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DefLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.09	CA-Luft	8/27/99
Benzene	ND	µg/kg	0.9	EPA 8020	8/27/99
Toluene	ND	µg/kg	0.9	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	0.9	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	0.9	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	0.9	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	0.9	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	0.9	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.6	CA-Luft	9/1/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237561

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-22

Sample Description: Soil-Oakland,CA  
Sample ID: SB9,3.5'-4.0'  
8/13/99 08:50  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Moisture	8.88	%	0.50		8/21/99

ND : Not Detected.


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Sample condition upon receipt: Good.

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 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237562

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-23

Sample Description: Soil-Oakland,CA

Sample ID: SB9,6.5'-7.0'

8/13/99 08:55

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.61	CA-Luft	8/27/99
Benzene	24	µg/kg	6.1	EPA 8020	8/27/99
Toluene	ND	µg/kg	6.1	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	6.1	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	6.1	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	6.1	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	6.1	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	6.1	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.8	CA-Luft	9/1/99
Dichlorodifluoromethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	1.1	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	1.1	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	1.1	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Chloroform	ND	µg/kg	1.1	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	1.1	EPA 8010	8/26/99
1,2-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	1.1	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	1.1	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	1.1	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	1.1	EPA 8010	8/26/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled: 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237562

Lab#: 99AUG8297-23

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA

Sample ID: SB9,6.5'-7.0'

8/13/99 08:55

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.1	EPA 8010	8/26/99
Bromoform	ND	µg/kg	1.1	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.1	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	1.1	EPA 8010	8/26/99
Moisture	12.4	%	0.50		8/21/99

ND : Not Detected.

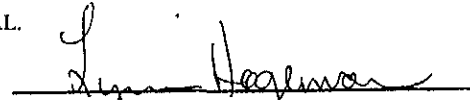
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237563

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-24

Sample Description: Soil-Oakland,CA

Sample ID: SB10,3.5'-4.0'

8/13/99 09:20

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.09	CA-Luft	8/27/99
Benzene	ND	µg/kg	0.9	EPA 8020	8/27/99
Toluene	ND	µg/kg	0.9	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	0.9	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	0.9	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	0.9	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	0.9	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	0.9	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.6	CA-Luft	9/1/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99

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### Laboratory Report

Binayak Acharya  
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Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237563

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-24

Sample Description: Soil-Oakland,CA  
Sample ID: SB10,3.5'-4.0'  
8/13/99 09:20  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
Moisture	8.56	%	0.50		8/21/99

ND : Not Detected.

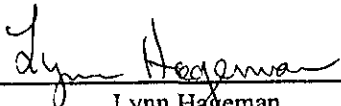
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 Lynn Hageman  
 Chemist



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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237564

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-25

Sample Description: Soil-Oakland,CA

Sample ID: SB10,6.5'-7.0'

8/13/99 09:25

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.13	CA-Luft	8/27/99
Benzene	ND	µg/kg	1.3	EPA 8020	8/27/99
Toluene	ND	µg/kg	1.3	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	1.3	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	1.3	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	1.3	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	1.3	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	1.3	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	6.4	CA-Luft	9/1/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/26/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237564

Lab#: 99AUG8297-25

Sample Description: Soil-Oakland,CA  
Sample ID: SB10,6.5'-7.0'  
8/13/99 09:25  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/26/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/26/99
Moisture	20.1	%	0.50		8/21/99

ND : Not Detected.

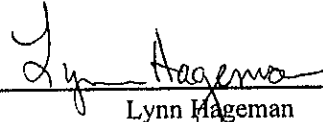
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 Lynn Hageman  
 Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237565

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-26

Sample Description: Soil-Oakland,CA

Sample ID: SB6,3.5'-4.0'

8/13/99 10:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.10	CA-Luft	8/27/99
Benzene	ND	µg/kg	1.0	EPA 8020	8/27/99
Toluene	ND	µg/kg	1.0	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	1.0	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	1.0	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	1.0	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	1.0	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	1.0	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	9/1/99
Dichlorodifluoromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Vinyl chloride	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromomethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Trichlorofluoromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
Methylene Chloride	ND	µg/kg	0.8	EPA 8010	8/26/99
t 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
cis 1,2-Dichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Chloroform	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,1-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Carbon Tetrachloride	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Trichloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichloropropane	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromodichloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
c 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/26/99
t 1,3-Dichloropropene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,2-Trichloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Tetrachloroethene	ND	µg/kg	0.8	EPA 8010	8/26/99

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237565  
Lab#: 99AUG8297-26

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA

Sample ID: SB6,3.5'-4.0'

8/13/99 10:00

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.8	EPA 8010	8/26/99
Bromoform	ND	µg/kg	0.8	EPA 8010	8/26/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.8	EPA 8010	8/26/99
1,3-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,4-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
1,2-Dichlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
Chlorobenzene	ND	µg/kg	0.8	EPA 8010	8/26/99
Moisture	7.44	%	0.50		8/21/99

ND : Not Detected.

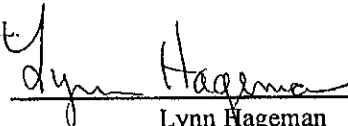
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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

Nestlé USA



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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237566

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-27

Sample Description: Soil-Oakland,CA  
Sample ID: SB6,6.5'-7.0'  
8/13/99 10:05  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	10100	mg/kg	271	CA-Luft	8/30/99
Benzene	76000	µg/kg	2700	EPA 8020	8/30/99
Toluene	490000	µg/kg	14000	EPA 8020	8/30/99
Ethylbenzene	170000	µg/kg	2700	EPA 8020	8/30/99
m&p Xylenes	520000	µg/kg	2700	EPA 8020	8/30/99
o-Xylene	470000	µg/kg	2700	EPA 8020	8/30/99
Total Xylene	990000	µg/kg	2700	EPA 8020	8/30/99
Methyl t-butyl ether	32	µg/kg	1.1	EPA 8020	8/27/99
Diesel Range Organics	1100	mg/kg	580	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichloroethane	430	µg/kg	140	EPA 8010	8/30/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237566

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-27

Sample Description: Soil-Oakland,CA  
Sample ID: SB6,6.5'-7.0'  
8/13/99 10:05  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
Moisture	12.3	%	0.50		8/21/99

BTEX/GRO - The sample was initially run within the 14 day hold time. The sample was then prepared in MeOH on 8/26 (within the 14 day hold time) but analysis of the dilutions exceed the 14 day hold time by not more than 3 days. Since the MeOH dilution was completed within the 14 day hold time, minimal impact on the data is expected.

ND : Not Detected.

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Sample condition upon receipt: Good.

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237567

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-28

Sample Description: Soil-Oakland,CA

Sample ID: SB13,3.5'-4.0'

8/13/99 10:30

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.63	mg/kg	0.12	CA-Luft	8/27/99
Benzene	ND	µg/kg	1.2	EPA 8020	8/27/99
Toluene	2.0	µg/kg	1.2	EPA 8020	8/27/99
Ethylbenzene	2.7	µg/kg	1.2	EPA 8020	8/27/99
m&p Xylenes	2.7	µg/kg	1.2	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	1.2	EPA 8020	8/27/99
Total Xylene	2.7	µg/kg	1.2	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	1.2	EPA 8020	8/27/99
Diesel Range Organics	390	mg/kg	140	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	0.9	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	0.9	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	0.9	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	0.9	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Chloroform	ND	µg/kg	0.9	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	0.9	EPA 8010	8/27/99
1,2-Dichloroethane	2.5	µg/kg	0.9	EPA 8010	8/27/99.
Trichloroethene	ND	µg/kg	0.9	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	0.9	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	0.9	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	0.9	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	0.9	EPA 8010	8/27/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

cc: Doug Oran-ETIC Engineering

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237567  
Lab#: 99AUG8297-28

Sample Description: Soil-Oakland,CA

Sample ID: SB13,3.5'-4.0'

8/13/99 10:30

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	0.9	EPA 8010	8/27/99
Bromoform	ND	µg/kg	0.9	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	0.9	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	0.9	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	0.9	EPA 8010	8/27/99
Moisture	8.26	%	0.50		8/21/99

ND : Not Detected.

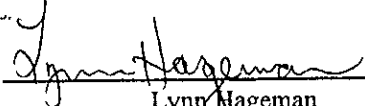
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Chemist



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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237568

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-29

Sample Description: Soil-Oakland,CA

Sample ID: SB13,6.5'-7.0'

8/13/99 10:35

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	12.0	mg/kg	0.55	CA-Luft	8/27/99
Benzene	250	µg/kg	5.5	EPA 8020	8/27/99
Toluene	48	µg/kg	5.5	EPA 8020	8/27/99
Ethylbenzene	150	µg/kg	5.5	EPA 8020	8/27/99
m&p Xylenes	320	µg/kg	5.5	EPA 8020	8/27/99
o-Xylene	180	µg/kg	5.5	EPA 8020	8/27/99
Total Xylene	490	µg/kg	5.5	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	5.5	EPA 8020	8/27/99
Diesel Range Organics	65	mg/kg	34	CA-Luft	9/2/99
Dichlorodifluoromethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	1.4	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	1.4	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	1.4	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	1.4	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	1.4	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	1.4	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Chloroform	ND	µg/kg	1.4	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	1.4	EPA 8010	8/27/99
1,2-Dichloroethane	1.4	µg/kg	1.4	EPA 8010	8/27/99
Trichloroethene	ND	µg/kg	1.4	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	1.4	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	1.4	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	1.4	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	1.4	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	1.4	EPA 8010	8/27/99

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### Laboratory Report

Binayak Acharya  
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Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237568  
Lab#: 99AUG8297-29

Sample Description: Soil-Oakland,CA  
Sample ID: SB13,6.5'-7.0'  
8/13/99 10:35  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.4	EPA 8010	8/27/99
Bromoform	ND	µg/kg	1.4	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.4	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	1.4	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	1.4	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	1.4	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	1.4	EPA 8010	8/27/99
Moisture	23.9	%	0.50		8/21/99

ND : Not Detected.

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237569  
Lab#: 99AUG8297-30

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB11,3.5'-4.0'  
8/13/99 11:10  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.20	CA-Luft	8/27/99
Benzene	ND	µg/kg	2.0	EPA 8020	8/27/99
Toluene	ND	µg/kg	2.0	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	2.0	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	2.0	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	2.0	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	2.0	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	2.0	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.5	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	1.1	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	1.1	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	1.1	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	1.1	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Chloroform	ND	µg/kg	1.1	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	1.1	EPA 8010	8/27/99
1,2-Dichloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Trichloroethene	ND	µg/kg	1.1	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	1.1	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	1.1	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	1.1	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	1.1	EPA 8010	8/27/99

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### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237569

cc: Doug Oran-ETIC Engineering

Lab#: 99AUG8297-30

Sample Description: Soil-Oakland,CA

Sample ID: SB11,3.5'-4.0'

8/13/99 11:10

PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.1	EPA 8010	8/27/99
Bromoform	ND	µg/kg	1.1	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.1	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	1.1	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	1.1	EPA 8010	8/27/99
Moisture	6.73	%	0.50		8/21/99

ND : Not Detected.

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Sample condition upon receipt: Good.

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Lynn Hageman  
Chemist

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QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203  
cc: Doug Oran-ETIC Engineering

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237570  
Lab#: 99AUG8297-31

Sample Description: Soil-Oakland,CA  
Sample ID: SB11,6.5'-7.0'  
8/13/99 11:15  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/kg	0.11	CA-Luft	8/27/99
Benzene	ND	µg/kg	1.1	EPA 8020	8/27/99
Toluene	ND	µg/kg	1.1	EPA 8020	8/27/99
Ethylbenzene	ND	µg/kg	1.1	EPA 8020	8/27/99
m&p Xylenes	ND	µg/kg	1.1	EPA 8020	8/27/99
o-Xylene	ND	µg/kg	1.1	EPA 8020	8/27/99
Total Xylene	ND	µg/kg	1.1	EPA 8020	8/27/99
Methyl t-butyl ether	ND	µg/kg	1.1	EPA 8020	8/27/99
Diesel Range Organics	ND	mg/kg	5.7	CA-Luft	8/30/99
Dichlorodifluoromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Vinyl chloride	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromomethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Trichlorofluoromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
Methylene Chloride	ND	µg/kg	1.0	EPA 8010	8/27/99
t 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
cis 1,2-Dichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Chloroform	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,1-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Carbon Tetrachloride	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Trichloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichloropropane	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromodichloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
c 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/27/99
t 1,3-Dichloropropene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,2-Trichloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Tetrachloroethene	ND	µg/kg	1.0	EPA 8010	8/27/99

Nestlé USA

P.O. BOX 1516  
6625 EITERMAN ROAD  
DUBLIN, OH 43017-6516

TEL (614) 526-5000  
FAX (614) 526-5353



QUALITY ASSURANCE LABORATORY

### Laboratory Report

Binayak Acharya  
Nestlé USA - Environmental Group  
Glendale, CA 91203

Date Sampled 8/13/99  
Date Received: 8/17/99  
Date Reported: 9/8/99  
Report Number: 237570  
Lab#: 99AUG8297-31

cc: Doug Oran-ETIC Engineering

Sample Description: Soil-Oakland,CA  
Sample ID: SB11,6.5'-7.0'  
8/13/99 11:15  
PO/Ref/Disp#: TMNEST.4

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/kg	1.0	EPA 8010	8/27/99
Bromoform	ND	µg/kg	1.0	EPA 8010	8/27/99
1,1,2,2-Tetrachloroethane	ND	µg/kg	1.0	EPA 8010	8/27/99
1,3-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,4-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
Chlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
1,2-Dichlorobenzene	ND	µg/kg	1.0	EPA 8010	8/27/99
Moisture	10.7	%	0.50		8/21/99

ND : Not Detected.

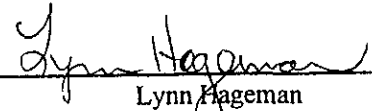
Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.

Sample condition upon receipt: Good.

This report shall not be reproduced except in full, and with written approval of NQAL.

Nestlé Confidential: This document is the property of Nestlé USA, Inc.

Results relate only to the items tested.

  
 \_\_\_\_\_  
 Lynn Hageman  
 Chemist

# FILE COPY

## @AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

### WORK ORDER #: 9908234

#### Work Order Summary

CLIENT: Mr. Brian Campbell  
ETIC Engineering  
144 Mayhew Way  
Walnut Creek, CA 94596


BILL TO: Same

PHONE: 925-977-7914  
FAX: 925-977-7915  
DATE RECEIVED: 8/17/99  
DATE COMPLETED: 8/31/99

P.O. # TMNEST.4  
PROJECT # TMNEST.4 NESTLE

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
01A	SB1, 3' 1#30836	TO-14	0.4 psi
02A	SB2, 3' 1#25261	TO-14	0.0"Hg
03A	SB3, 3' 1#12679	TO-14	2.0"Hg
03AA	SB3, 3' 1#12679 Duplicate	TO-14	2.0"Hg
04A	SB4, 3' 1#11880	TO-14	1.5"Hg
05A	SB5, 3' 1#12937	TO-14	1.5"Hg
06A	SB7, 3' 1#94604	TO-14	2.5"Hg
07A	SB14, 3' 1#25260	TO-14	1.0"Hg
08A	SB8, 3' 1#94941	TO-14	1.0"Hg
09A	SB12, 3' 1#23927	TO-14	1.0"Hg
10A	SB15, 3' 1#14010	TO-14	2.0"Hg
11A	SB9, 3' 1#14008	TO-14	0.5"Hg
12A	SB10, 3' 1#25273	TO-14	0.0"Hg
13A	SB6, 3' 1#22503	TO-14	0.5"Hg
14A	SB13, 3' 1#94949	TO-14	0.0"Hg
15A	SB11, 3' 1#13653	TO-14	0.5"Hg
16A	Method Spike	TO-14	NA
17A	Lab Blank	TO-14	NA
17B	Lab Blank	TO-14	NA

CERTIFIED BY:

  
FJR Laboratory Director

DATE: 8/31/99

Certification numbers: CA ELAP - 1149, NY ELAP - 11291, UT ELAP - E-217

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA 95630  
(916) 985-1000 • (800) 985-5955 • FAX (916) 985-1020

**LABORATORY NARRATIVE**  
**Analysis of Volatile Organic Compounds by EPA Method TO-14/TO-15**  
**ETIC Engineering**  
**Work Order # 9908234**

Fifteen 6L Summa Canister samples were received on August 17, 1999. The laboratory performed analysis via EPA Methods TO-14/TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.5 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

<i>Requirement</i>	<i>TO-14/TO-14a</i>	<i>TO-15</i>	<i>Air Toxics Ltd. Modification</i>
Concentration of internal standard spike	Not specified	10 ppbv	25 - 50 ppbv
Dilutions for initial calibration	Dynamic or static dilutions using canisters	Dynamic or static dilutions using canisters	Syringe and flow controller dilutions
Internal standard recoveries	Not specified	Within 40% of mean of calibration curve for blanks, and within 40% of daily CCV for samples	Within 40% of the daily CCV internal standard area for blanks and samples
Internal standard retention times	Not specified	Within 0.33 minutes from most recent calibration	Within 0.50 minutes of most recent daily CCV internal standards
Initial calibration criteria	Not specified	RSD of 30% or less	RSD of 30% or less for standard compounds, 40% or less for non-standard and polar compounds
Continuing calibration verification criteria	Not specified	70 - 130%	70 - 130% for at least 90% of standard compounds, 60 - 140% for at least 80% of non-standard and polar compounds
Response factor for quantitation	Average response factor (ICAL)	Daily response factor (CCV)	Average response factor (ICAL)

There were no out of the ordinary circumstances to report.

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated Peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- N - The identification is based on presumptive evidence.



# AIR TOXICS LTD.

SAMPLE NAME : SB1, 3' 1#30836

ID#: 9908234-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082108	Date of Collection:	8/12/99
Dil. Factor:	1:30	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.65	3.3	0.93	4.7
Freon 114	0.65	4.6	Not Detected	Not Detected
Chloromethane	0.65	1.4	Not Detected	Not Detected
Vinyl Chloride	0.65	1.7	Not Detected	Not Detected
Bromomethane	0.65	2.6	Not Detected	Not Detected
Chloroethane	0.65	1.7	Not Detected	Not Detected
Freon 11	0.65	3.7	0.74	4.2
1,1-Dichloroethene	0.65	2.6	Not Detected	Not Detected
Freon 113	0.65	5.1	27	210
Methylene Chloride	0.65	2.3	3.7	13
1,1-Dichloroethane	0.65	2.7	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.65	2.6	Not Detected	Not Detected
Chloroform	0.65	3.2	Not Detected	Not Detected
1,1,1-Trichloroethane	0.65	3.6	Not Detected	Not Detected
Carbon Tetrachloride	0.65	4.2	Not Detected	Not Detected
Benzene	0.65	2.1	4.3	14
1,2-Dichloroethane	0.65	2.7	Not Detected	Not Detected
Trichloroethene	0.65	3.6	Not Detected	Not Detected
1,2-Dichloropropane	0.65	3.1	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.65	3.0	Not Detected	Not Detected
Toluene	0.65	2.5	3.1	12
trans-1,3-Dichloropropene	0.65	3.0	Not Detected	Not Detected
1,1,2-Trichloroethane	0.65	3.6	Not Detected	Not Detected
Tetrachloroethene	0.65	4.5	1.2	8.6
Ethylene Dibromide	0.65	5.1	Not Detected	Not Detected
Chlorobenzene	0.65	3.0	Not Detected	Not Detected
Ethyl Benzene	0.65	2.9	Not Detected	Not Detected
m,p-Xylene	0.65	2.9	1.9	8.5
o-Xylene	0.65	2.9	0.84	3.7
Styrene	0.65	2.8	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.65	4.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.65	3.2	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.65	3.2	1.1	5.3
1,3-Dichlorobenzene	0.65	4.0	Not Detected	Not Detected
1,4-Dichlorobenzene	0.65	4.0	0.77	4.7
Chlorotoluene	0.65	3.4	Not Detected	Not Detected
1,2-Dichlorobenzene	0.65	4.0	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.65	4.9	Not Detected	Not Detected
Hexachlorobutadiene	0.65	7.0	Not Detected	Not Detected
Propylene	2.6	4.5	Not Detected	Not Detected
1,3-Butadiene	2.6	5.8	2.8	6.2
Acetone	2.6	6.3	77 B	190 B

# AIR TOXICS LTD.

SAMPLE NAME : SB1, 3' 1#30836

ID#: 9908234-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082108	Date of Collection:	8/12/99
Dil. Factor:	1.30	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.6	8.2	6.2	20
2-Propanol	2.6	6.5	5.6	14
trans-1,2-Dichloroethene	2.6	10	Not Detected	Not Detected
Vinyl Acetate	2.6	9.3	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.6	7.8	13	40
Hexane	2.6	9.3	4.4	16
Tetrahydrofuran	2.6	7.8	Not Detected	Not Detected
Cyclohexane	2.6	9.1	Not Detected	Not Detected
1,4-Dioxane	2.6	9.5	Not Detected	Not Detected
Bromodichloromethane	2.6	18	Not Detected	Not Detected
4-Methyl-2-pentanone	2.6	11	3.8	16
2-Hexanone	2.6	11	Not Detected	Not Detected
Dibromochloromethane	2.6	23	Not Detected	Not Detected
Bromoform	2.6	27	Not Detected	Not Detected
4-Ethyltoluene	2.6	13	Not Detected	Not Detected
Ethanol	2.6	5.0	63	120
Methyl tert-Butyl Ether	2.6	9.5	Not Detected	Not Detected
Heptane	2.6	11	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	98	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB2, 3' 1#25261

ID#: 9908234-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082109	Date of Collection:	8/12/99
Dil. Factor:	1.34	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.67	3.4	200	1000
Freon 114	0.67	4.8	Not Detected	Not Detected
Chloromethane	0.67	1.4	Not Detected	Not Detected
Vinyl Chloride	0.67	1.7	Not Detected	Not Detected
Bromomethane	0.67	2.6	Not Detected	Not Detected
Chloroethane	0.67	1.8	Not Detected	Not Detected
Freon 11	0.67	3.8	1.2	7.0
1,1-Dichloroethene	0.67	2.7	Not Detected	Not Detected
Freon 113	0.67	5.2	Not Detected	Not Detected
Methylene Chloride	0.67	2.4	2.2	7.6
1,1-Dichloroethane	0.67	2.8	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.67	2.7	Not Detected	Not Detected
Chloroform	0.67	3.3	3.9	19
1,1,1-Trichloroethane	0.67	3.7	Not Detected	Not Detected
Carbon Tetrachloride	0.67	4.3	Not Detected	Not Detected
Benzene	0.67	2.2	7.5	24
1,2-Dichloroethane	0.67	2.8	Not Detected	Not Detected
Trichloroethene	0.67	3.7	Not Detected	Not Detected
1,2-Dichloropropane	0.67	3.1	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
Toluene	0.67	2.6	12	48
trans-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.67	3.7	Not Detected	Not Detected
Tetrachloroethene	0.67	4.6	Not Detected	Not Detected
Ethylene Dibromide	0.67	5.2	Not Detected	Not Detected
Chlorobenzene	0.67	3.1	Not Detected	Not Detected
Ethyl Benzene	0.67	3.0	3.6	16
m,p-Xylene	0.67	3.0	13	59
o-Xylene	0.67	3.0	4.6	20
Styrene	0.67	2.9	3.0	13
1,1,2,2-Tetrachloroethane	0.67	4.7	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.67	3.3	0.77	3.8
1,2,4-Trimethylbenzene	0.67	3.3	2.0	10
1,3-Dichlorobenzene	0.67	4.1	Not Detected	Not Detected
1,4-Dichlorobenzene	0.67	4.1	1.8	11
Chlorotoluene	0.67	3.5	Not Detected	Not Detected
1,2-Dichlorobenzene	0.67	4.1	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.67	5.1	Not Detected	Not Detected
Hexachlorobutadiene	0.67	7.3	Not Detected	Not Detected
Propylene	2.7	4.7	Not Detected	Not Detected
1,3-Butadiene	2.7	6.0	Not Detected	Not Detected
Acetone	2.7	6.5	260 B	640 B

# AIR TOXICS LTD.

SAMPLE NAME : SB2, 3' 1#25261

ID#: 9908234-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082109	Date of Collection:	8/12/99
Dil. Factor:	1.34	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.7	8.5	9.0	28
2-Propanol	2.7	6.7	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
Vinyl Acetate	2.7	9.6	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.0	24	74
Hexane	2.7	9.6	5.3	19
Tetrahydrofuran	2.7	8.0	Not Detected	Not Detected
Cyclohexane	2.7	9.4	12	41
1,4-Dioxane	2.7	9.8	Not Detected	Not Detected
Bromodichloromethane	2.7	18	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	8.1	34
2-Hexanone	2.7	11	Not Detected	Not Detected
Dibromochloromethane	2.7	23	Not Detected	Not Detected
Bromoform	2.7	28	Not Detected	Not Detected
4-Ethyltoluene	2.7	13	Not Detected	Not Detected
Ethanol	2.7	5.1	110	220
Methyl tert-Butyl Ether	2.7	9.8	Not Detected	Not Detected
Heptane	2.7	11	3.3	14

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	104	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB3, 3' 1#12679

ID#: 9908234-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082111	Date of Collection:	8/12/99
Dil. Factor:	96.0	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	48	240	180	900
Freon 114	48	340	Not Detected	Not Detected
Chloromethane	48	100	Not Detected	Not Detected
Vinyl Chloride	48	120	Not Detected	Not Detected
Bromomethane	48	190	Not Detected	Not Detected
Chloroethane	48	130	Not Detected	Not Detected
Freon 11	48	270	Not Detected	Not Detected
1,1-Dichloroethene	48	190	Not Detected	Not Detected
Freon 113	48	370	Not Detected	Not Detected
Methylene Chloride	48	170	Not Detected	Not Detected
1,1-Dichloroethane	48	200	Not Detected	Not Detected
cis-1,2-Dichloroethene	48	190	Not Detected	Not Detected
Chloroform	48	240	Not Detected	Not Detected
1,1,1-Trichloroethane	48	270	Not Detected	Not Detected
Carbon Tetrachloride	48	310	Not Detected	Not Detected
Benzene	48	160	9900	32000
1,2-Dichloroethane	48	200	Not Detected	Not Detected
Trichloroethene	48	260	Not Detected	Not Detected
1,2-Dichloropropane	48	230	Not Detected	Not Detected
cis-1,3-Dichloropropene	48	220	Not Detected	Not Detected
Toluene	48	180	230	880
trans-1,3-Dichloropropene	48	220	Not Detected	Not Detected
1,1,2-Trichloroethane	48	270	Not Detected	Not Detected
Tetrachloroethene	48	330	Not Detected	Not Detected
Ethylene Dibromide	48	370	Not Detected	Not Detected
Chlorobenzene	48	220	Not Detected	Not Detected
Ethyl Benzene	48	210	68	300
m,p-Xylene	48	210	67	300
o-Xylene	48	210	Not Detected	Not Detected
Styrene	48	210	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	48	330	Not Detected	Not Detected
1,3,5-Trimethylbenzene	48	240	Not Detected	Not Detected
1,2,4-Trimethylbenzene	48	240	Not Detected	Not Detected
1,3-Dichlorobenzene	48	290	Not Detected	Not Detected
1,4-Dichlorobenzene	48	290	Not Detected	Not Detected
Chlorotoluene	48	250	Not Detected	Not Detected
1,2-Dichlorobenzene	48	290	Not Detected	Not Detected
1,2,4-Trichlorobenzene	48	360	Not Detected	Not Detected
Hexachlorobutadiene	48	520	Not Detected	Not Detected
Propylene	190	340	Not Detected	Not Detected
1,3-Butadiene	190	430	Not Detected	Not Detected
Acetone	190	460	Not Detected	Not Detected

# AIR TOXICS LTD.

SAMPLE NAME : SB3, 3' 1#12679

ID#: 9908234-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082111	Date of Collection:	8/12/99
Dil. Factor:	96:0	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	190	610	Not Detected	Not Detected
2-Propanol	190	480	Not Detected	Not Detected
trans-1,2-Dichloroethene	190	770	Not Detected	Not Detected
Vinyl Acetate	190	690	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	190	580	Not Detected	Not Detected
Hexane	190	690	590	2100
Tetrahydrofuran	190	580	Not Detected	Not Detected
Cyclohexane	190	670	Not Detected	Not Detected
1,4-Dioxane	190	700	Not Detected	Not Detected
Bromodichloromethane	190	1300	Not Detected	Not Detected
4-Methyl-2-pentanone	190	800	Not Detected	Not Detected
2-Hexanone	190	800	Not Detected	Not Detected
Dibromochloromethane	190	1700	Not Detected	Not Detected
Bromoform	190	2000	Not Detected	Not Detected
4-Ethyltoluene	190	960	Not Detected	Not Detected
Ethanol	190	370	Not Detected	Not Detected
Methyl tert-Butyl Ether	190	700	Not Detected	Not Detected
Heptane	190	800	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	95	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB3, 3' 1#12679 Duplicate

ID#: 9908234-03AA

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082110	Date of Collection:	8/12/99
Dil. Factor:	288	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	140	720	160	820
Freon 114	140	1000	Not Detected	Not Detected
Chloromethane	140	300	Not Detected	Not Detected
Vinyl Chloride	140	370	Not Detected	Not Detected
Bromomethane	140	570	Not Detected	Not Detected
Chloroethane	140	390	Not Detected	Not Detected
Freon 11	140	820	Not Detected	Not Detected
1,1-Dichloroethene	140	580	Not Detected	Not Detected
Freon 113	140	1100	Not Detected	Not Detected
Methylene Chloride	140	510	Not Detected	Not Detected
1,1-Dichloroethane	140	590	Not Detected	Not Detected
cis-1,2-Dichloroethene	140	580	Not Detected	Not Detected
Chloroform	140	710	Not Detected	Not Detected
1,1,1-Trichloroethane	140	800	Not Detected	Not Detected
Carbon Tetrachloride	140	920	Not Detected	Not Detected
Benzene	140	470	9500	31000
1,2-Dichloroethane	140	590	Not Detected	Not Detected
Trichloroethene	140	790	Not Detected	Not Detected
1,2-Dichloropropane	140	680	Not Detected	Not Detected
cis-1,3-Dichloropropene	140	660	Not Detected	Not Detected
Toluene	140	550	240	910
trans-1,3-Dichloropropene	140	660	Not Detected	Not Detected
1,1,2-Trichloroethane	140	800	Not Detected	Not Detected
Tetrachloroethene	140	990	Not Detected	Not Detected
Ethylene Dibromide	140	1100	Not Detected	Not Detected
Chlorobenzene	140	670	Not Detected	Not Detected
Ethyl Benzene	140	640	Not Detected	Not Detected
m,p-Xylene	140	640	Not Detected	Not Detected
o-Xylene	140	640	Not Detected	Not Detected
Styrene	140	620	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	140	1000	Not Detected	Not Detected
1,3,5-Trimethylbenzene	140	720	Not Detected	Not Detected
1,2,4-Trimethylbenzene	140	720	Not Detected	Not Detected
1,3-Dichlorobenzene	140	880	Not Detected	Not Detected
1,4-Dichlorobenzene	140	880	Not Detected	Not Detected
Chlorotoluene	140	760	Not Detected	Not Detected
1,2-Dichlorobenzene	140	880	Not Detected	Not Detected
1,2,4-Trichlorobenzene	140	1100	Not Detected	Not Detected
Hexachlorobutadiene	140	1600	Not Detected	Not Detected
Propylene	580	1000	Not Detected	Not Detected
1,3-Butadiene	580	1300	Not Detected	Not Detected
Acetone	580	1400	Not Detected	Not Detected

# AIR TOXICS LTD.

SAMPLE NAME : SB3, 3' 1#12679 Duplicate

ID#: 9908234-03AA

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082110	Date of Collection:	8/12/99
Dil. Factor:	288	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	580	1800	Not Detected	Not Detected
2-Propanol	580	1400	Not Detected	Not Detected
trans-1,2-Dichloroethene	580	2300	Not Detected	Not Detected
Vinyl Acetate	580	2100	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	580	1700	Not Detected	Not Detected
Hexane	580	2100	580	2100
Tetrahydrofuran	580	1700	Not Detected	Not Detected
Cyclohexane	580	2000	Not Detected	Not Detected
1,4-Dioxane	580	2100	Not Detected	Not Detected
Bromodichloromethane	580	3900	Not Detected	Not Detected
4-Methyl-2-pentanone	580	2400	Not Detected	Not Detected
2-Hexanone	580	2400	Not Detected	Not Detected
Dibromochloromethane	580	5000	Not Detected	Not Detected
Bromoform	580	6100	Not Detected	Not Detected
4-Ethyltoluene	580	2900	Not Detected	Not Detected
Ethanol	580	1100	Not Detected	Not Detected
Methyl tert-Butyl Ether	580	2100	Not Detected	Not Detected
Heptane	580	2400	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	94	70-130



# AIR TOXICS LTD.

SAMPLE NAME : SB4,3' 1#11880

ID#: 9908234-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082112	Date of Collection:	8/12/99
Dil. Factor:	7.05	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	3.5	18	100	530
Freon 114	3.5	25	Not Detected	Not Detected
Chloromethane	3.5	7.4	Not Detected	Not Detected
Vinyl Chloride	3.5	9.2	Not Detected	Not Detected
Bromomethane	3.5	14	Not Detected	Not Detected
Chloroethane	3.5	9.5	Not Detected	Not Detected
Freon 11	3.5	20	Not Detected	Not Detected
1,1-Dichloroethene	3.5	14	Not Detected	Not Detected
Freon 113	3.5	27	Not Detected	Not Detected
Methylene Chloride	3.5	12	340	1200
1,1-Dichloroethane	3.5	15	Not Detected	Not Detected
cis-1,2-Dichloroethene	3.5	14	Not Detected	Not Detected
Chloroform	3.5	17	Not Detected	Not Detected
1,1,1-Trichloroethane	3.5	20	21	120
Carbon Tetrachloride	3.5	23	Not Detected	Not Detected
Benzene	3.5	11	1200	4000
1,2-Dichloroethane	3.5	15	Not Detected	Not Detected
Trichloroethene	3.5	19	Not Detected	Not Detected
1,2-Dichloropropane	3.5	17	Not Detected	Not Detected
cis-1,3-Dichloropropene	3.5	16	Not Detected	Not Detected
Toluene	3.5	14	76	290
trans-1,3-Dichloropropene	3.5	16	Not Detected	Not Detected
1,1,2-Trichloroethane	3.5	20	Not Detected	Not Detected
Tetrachloroethene	3.5	24	160	1100
Ethylene Dibromide	3.5	28	Not Detected	Not Detected
Chlorobenzene	3.5	16	Not Detected	Not Detected
Ethyl Benzene	3.5	16	8.1	36
m,p-Xylene	3.5	16	14	64
o-Xylene	3.5	16	4.7	21
Styrene	3.5	15	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	3.5	25	Not Detected	Not Detected
1,3,5-Trimethylbenzene	3.5	18	Not Detected	Not Detected
1,2,4-Trimethylbenzene	3.5	18	Not Detected	Not Detected
1,3-Dichlorobenzene	3.5	22	Not Detected	Not Detected
1,4-Dichlorobenzene	3.5	22	Not Detected	Not Detected
Chlorotoluene	3.5	19	Not Detected	Not Detected
1,2-Dichlorobenzene	3.5	22	Not Detected	Not Detected
1,2,4-Trichlorobenzene	3.5	27	Not Detected	Not Detected
Hexachlorobutadiene	3.5	38	Not Detected	Not Detected
Propylene	14	25	Not Detected	Not Detected
1,3-Butadiene	14	32	19	43
Acetone	14	34	200 B	470 B

# AIR TOXICS LTD.

SAMPLE NAME : SB4,3' 1#11880

ID#: 9908234-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082112	Date of Collection:	8/12/99
Dil. Factor:	7.05	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	14	45	Not Detected	Not Detected
2-Propanol	14	35	22	55
trans-1,2-Dichloroethene	14	57	Not Detected	Not Detected
Vinyl Acetate	14	50	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	14	42	Not Detected	Not Detected
Hexane	14	51	19	68
Tetrahydrofuran	14	42	Not Detected	Not Detected
Cyclohexane	14	49	32	110
1,4-Dioxane	14	52	Not Detected	Not Detected
Bromodichloromethane	14	96	Not Detected	Not Detected
4-Methyl-2-pentanone	14	59	15	62
2-Hexanone	14	59	Not Detected	Not Detected
Dibromochloromethane	14	120	Not Detected	Not Detected
Bromoform	14	150	Not Detected	Not Detected
4-Ethyltoluene	14	70	Not Detected	Not Detected
Ethanol	14	27	1400	2700
Methyl tert-Butyl Ether	14	52	Not Detected	Not Detected
Heptane	14	59	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB5, 3' 1#12937

ID#: 9908234-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082114	Date of Collection:	8/12/99
Dil. Factor:	1.41	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.71	3.5	1.2	6.2
Freon 114	0.71	5.0	Not Detected	Not Detected
Chloromethane	0.71	1.5	0.77	1.6
Vinyl Chloride	0.71	1.8	Not Detected	Not Detected
Bromomethane	0.71	2.8	Not Detected	Not Detected
Chloroethane	0.71	1.9	Not Detected	Not Detected
Freon 11	0.71	4.0	4.4	25
1,1-Dichloroethene	0.71	2.8	Not Detected	Not Detected
Freon 113	0.71	5.5	3.4	26
Methylene Chloride	0.71	2.5	Not Detected	Not Detected
1,1-Dichloroethane	0.71	2.9	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.71	2.8	Not Detected	Not Detected
Chloroform	0.71	3.5	Not Detected	Not Detected
1,1,1-Trichloroethane	0.71	3.9	Not Detected	Not Detected
Carbon Tetrachloride	0.71	4.5	Not Detected	Not Detected
Benzene	0.71	2.3	7.6	24
1,2-Dichloroethane	0.71	2.9	Not Detected	Not Detected
Trichloroethene	0.71	3.9	Not Detected	Not Detected
1,2-Dichloropropane	0.71	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.71	3.3	Not Detected	Not Detected
Toluene	0.71	2.7	5.6	21
trans-1,3-Dichloropropene	0.71	3.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.71	3.9	Not Detected	Not Detected
Tetrachloroethene	0.71	4.9	Not Detected	Not Detected
Ethylene Dibromide	0.71	5.5	Not Detected	Not Detected
Chlorobenzene	0.71	3.3	Not Detected	Not Detected
Ethyl Benzene	0.71	3.1	0.80	3.5
m,p-Xylene	0.71	3.1	1.9	8.4
o-Xylene	0.71	3.1	Not Detected	Not Detected
Styrene	0.71	3.1	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.71	4.9	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.71	3.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.71	3.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.71	4.3	Not Detected	Not Detected
1,4-Dichlorobenzene	0.71	4.3	Not Detected	Not Detected
Chlorotoluene	0.71	3.7	Not Detected	Not Detected
1,2-Dichlorobenzene	0.71	4.3	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.71	5.3	Not Detected	Not Detected
Hexachlorobutadiene	0.71	7.6	Not Detected	Not Detected
Propylene	2.8	4.9	Not Detected	Not Detected
1,3-Butadiene	2.8	6.3	61	140
Acetone	2.8	6.8	45 B	110 B

# AIR TOXICS LTD.

SAMPLE NAME : SB5, 3' 1#12937

ID#: 9908234-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082114	Date of Collection:	8/12/99
Dil Factor:	1.41	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.8	8.9	18	56
2-Propanol	2.8	7.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
Vinyl Acetate	2.8	10	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	8.5	12	35
Hexane	2.8	10	Not Detected	Not Detected
Tetrahydrofuran	2.8	8.5	Not Detected	Not Detected
Cyclohexane	2.8	9.9	8.2	29
1,4-Dioxane	2.8	10	3.3	12
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	Not Detected	Not Detected
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	30	Not Detected	Not Detected
4-Ethyltoluene	2.8	14	Not Detected	Not Detected
Ethanol	2.8	5.4	55	100
Methyl tert-Butyl Ether	2.8	10	Not Detected	Not Detected
Heptane	2.8	12	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

**Container Type: 6 Liter Summa Canister**

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	101	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB7, 3' 1#94604

ID#: 9908234-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082115	Date of Collection:	8/12/99
Dil. Factor:	1.46	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.73	3.7	1.1	5.6
Freon 114	0.73	5.2	Not Detected	Not Detected
Chloromethane	0.73	1.5	Not Detected	Not Detected
Vinyl Chloride	0.73	1.9	Not Detected	Not Detected
Bromomethane	0.73	2.9	Not Detected	Not Detected
Chloroethane	0.73	2.0	Not Detected	Not Detected
Freon 11	0.73	4.2	0.74	4.2
1,1-Dichloroethene	0.73	2.9	Not Detected	Not Detected
Freon 113	0.73	5.7	Not Detected	Not Detected
Methylene Chloride	0.73	2.6	Not Detected	Not Detected
1,1-Dichloroethane	0.73	3.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.73	2.9	Not Detected	Not Detected
Chloroform	0.73	3.6	Not Detected	Not Detected
1,1,1-Trichloroethane	0.73	4.0	Not Detected	Not Detected
Carbon Tetrachloride	0.73	4.7	Not Detected	Not Detected
Benzene	0.73	2.4	5.9	19
1,2-Dichloroethane	0.73	3.0	Not Detected	Not Detected
Trichloroethene	0.73	4.0	Not Detected	Not Detected
1,2-Dichloropropane	0.73	3.4	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.73	3.4	Not Detected	Not Detected
Toluene	0.73	2.8	6.2	24
trans-1,3-Dichloropropene	0.73	3.4	Not Detected	Not Detected
1,1,2-Trichloroethane	0.73	4.0	Not Detected	Not Detected
Tetrachloroethene	0.73	5.0	2.0	14
Ethylene Dibromide	0.73	5.7	Not Detected	Not Detected
Chlorobenzene	0.73	3.4	Not Detected	Not Detected
Ethyl Benzene	0.73	3.2	0.87	3.8
m,p-Xylene	0.73	3.2	3.1	14
o-Xylene	0.73	3.2	1.2	5.1
Styrene	0.73	3.2	1.0	4.5
1,1,2,2-Tetrachloroethane	0.73	5.1	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.73	3.6	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.73	3.6	1.8	9.0
1,3-Dichlorobenzene	0.73	4.5	Not Detected	Not Detected
1,4-Dichlorobenzene	0.73	4.5	2.0	12
Chlorotoluene	0.73	3.8	Not Detected	Not Detected
1,2-Dichlorobenzene	0.73	4.5	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.73	5.5	Not Detected	Not Detected
Hexachlorobutadiene	0.73	7.9	Not Detected	Not Detected
Propylene	2.9	5.1	Not Detected	Not Detected
1,3-Butadiene	2.9	6.6	3.4	7.7
Acetone	2.9	7.1	43 B	100 B

# AIR TOXICS LTD.

SAMPLE NAME : SB7, 3' 1#94604

ID#: 9908234-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082115	Date of Collection:	8/12/99
Dil. Factor:	1.46	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.9	9.2	3.3	10
2-Propanol	2.9	7.3	3.8	9.4
trans-1,2-Dichloroethene	2.9	12	Not Detected	Not Detected
Vinyl Acetate	2.9	10	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	8.8	7.9	24
Hexane	2.9	10	6.8	24
Tetrahydrofuran	2.9	8.8	Not Detected	Not Detected
Cyclohexane	2.9	10	5.1	18
1,4-Dioxane	2.9	11	8.2	30
Bromodichloromethane	2.9	20	Not Detected	Not Detected
4-Methyl-2-pentanone	2.9	12	4.4	18
2-Hexanone	2.9	12	Not Detected	Not Detected
Dibromochloromethane	2.9	25	Not Detected	Not Detected
Bromoform	2.9	31	Not Detected	Not Detected
4-Ethyltoluene	2.9	15	Not Detected	Not Detected
Ethanol	2.9	5.6	94	180
Methyl tert-Butyl Ether	2.9	11	Not Detected	Not Detected
Heptane	2.9	12	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB14, 3' 1#25260

ID#: 9908234-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082205	Date of Collection: 8/12/99
Dil. Factor:	1.39	Date of Analysis: 8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.70	3.5	Not Detected	Not Detected
Freon 114	0.70	4.9	Not Detected	Not Detected
Chloromethane	0.70	1.5	Not Detected	Not Detected
Vinyl Chloride	0.70	1.8	Not Detected	Not Detected
Bromomethane	0.70	2.7	Not Detected	Not Detected
Chloroethane	0.70	1.9	Not Detected	Not Detected
Freon 11	0.70	4.0	Not Detected	Not Detected
1,1-Dichloroethene	0.70	2.8	Not Detected	Not Detected
Freon 113	0.70	5.4	Not Detected	Not Detected
Methylene Chloride	0.70	2.5	1.3	4.5
1,1-Dichloroethane	0.70	2.9	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.70	2.8	Not Detected	Not Detected
Chloroform	0.70	3.4	Not Detected	Not Detected
1,1,1-Trichloroethane	0.70	3.9	Not Detected	Not Detected
Carbon Tetrachloride	0.70	4.4	Not Detected	Not Detected
Benzene	0.70	2.3	2.7	8.8
1,2-Dichloroethane	0.70	2.9	Not Detected	Not Detected
Trichloroethene	0.70	3.8	Not Detected	Not Detected
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
Toluene	0.70	2.7	5.3	20
trans-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
1,1,2-Trichloroethane	0.70	3.9	Not Detected	Not Detected
Tetrachloroethene	0.70	4.8	Not Detected	Not Detected
Ethylene Dibromide	0.70	5.4	Not Detected	Not Detected
Chlorobenzene	0.70	3.3	Not Detected	Not Detected
Ethyl Benzene	0.70	3.1	0.87	3.8
m,p-Xylene	0.70	3.1	3.5	16
o-Xylene	0.70	3.1	1.2	5.4
Styrene	0.70	3.0	0.82	3.5
1,1,2,2-Tetrachloroethane	0.70	4.8	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.70	3.5	0.81	4.0
1,2,4-Trimethylbenzene	0.70	3.5	2.0	10
1,3-Dichlorobenzene	0.70	4.2	Not Detected	Not Detected
1,4-Dichlorobenzene	0.70	4.2	1.6	9.6
Chlorotoluene	0.70	3.7	Not Detected	Not Detected
1,2-Dichlorobenzene	0.70	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.70	5.2	Not Detected	Not Detected
Hexachlorobutadiene	0.70	7.5	Not Detected	Not Detected
Propylene	2.8	4.9	Not Detected	Not Detected
1,3-Butadiene	2.8	6.3	Not Detected	Not Detected
Acetone	2.8	6.7	10 B	26 B

# AIR TOXICS LTD.

SAMPLE NAME : SB14, 3' 1#25260

ID#: 9908234-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082205	Date of Collection: 8/12/99
Dil. Factor:	1.39	Date of Analysis: 8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.8	8.8	Not Detected	Not Detected
2-Propanol	2.8	6.9	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
Vinyl Acetate	2.8	9.9	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	8.3	3.5	10
Hexane	2.8	10	Not Detected	Not Detected
Tetrahydrofuran	2.8	8.3	Not Detected	Not Detected
Cyclohexane	2.8	9.7	Not Detected	Not Detected
1,4-Dioxane	2.8	10	Not Detected	Not Detected
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	2.8	12
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	29	Not Detected	Not Detected
4-Ethyltoluene	2.8	14	Not Detected	Not Detected
Ethanol	2.8	5.3	67	130
Methyl tert-Butyl Ether	2.8	10	2.9	10
Heptane	2.8	12	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

**Container Type: 6 Liter Summa Canister**

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	100	70-130



# AIR TOXICS LTD.

SAMPLE NAME : SB8, 3' 1#94941

ID#: 9908234-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082209	Date of Collection:	8/12/99
Dil. Factor:	5.56	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	2.8	14	630	3200
Freon 114	2.8	20	Not Detected	Not Detected
Chloromethane	2.8	5.8	Not Detected	Not Detected
Vinyl Chloride	2.8	7.2	Not Detected	Not Detected
Bromomethane	2.8	11	Not Detected	Not Detected
Chloroethane	2.8	7.5	Not Detected	Not Detected
Freon 11	2.8	16	6.5	37
1,1-Dichloroethene	2.8	11	Not Detected	Not Detected
Freon 113	2.8	22	Not Detected	Not Detected
Methylene Chloride	2.8	9.8	Not Detected	Not Detected
1,1-Dichloroethane	2.8	11	Not Detected	Not Detected
cis-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
Chloroform	2.8	14	Not Detected	Not Detected
1,1,1-Trichloroethane	2.8	15	Not Detected	Not Detected
Carbon Tetrachloride	2.8	18	Not Detected	Not Detected
Benzene	2.8	9.0	10	33
1,2-Dichloroethane	2.8	11	Not Detected	Not Detected
Trichloroethene	2.8	15	Not Detected	Not Detected
1,2-Dichloropropane	2.8	13	Not Detected	Not Detected
cis-1,3-Dichloropropene	2.8	13	Not Detected	Not Detected
Toluene	2.8	11	12	45
trans-1,3-Dichloropropene	2.8	13	Not Detected	Not Detected
1,1,2-Trichloroethane	2.8	15	Not Detected	Not Detected
Tetrachloroethene	2.8	19	Not Detected	Not Detected
Ethylene Dibromide	2.8	22	Not Detected	Not Detected
Chlorobenzene	2.8	13	Not Detected	Not Detected
Ethyl Benzene	2.8	12	3.8	17
m,p-Xylene	2.8	12	12	51
o-Xylene	2.8	12	3.7	16
Styrene	2.8	12	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2.8	19	Not Detected	Not Detected
1,3,5-Trimethylbenzene	2.8	14	Not Detected	Not Detected
1,2,4-Trimethylbenzene	2.8	14	5.3	26
1,3-Dichlorobenzene	2.8	17	Not Detected	Not Detected
1,4-Dichlorobenzene	2.8	17	Not Detected	Not Detected
Chlorotoluene	2.8	15	Not Detected	Not Detected
1,2-Dichlorobenzene	2.8	17	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.8	21	Not Detected	Not Detected
Hexachlorobutadiene	2.8	30	Not Detected	Not Detected
Propylene	11	19	Not Detected	Not Detected
1,3-Butadiene	11	25	Not Detected	Not Detected
Acetone	11	27	42 B	100 B

# AIR TOXICS LTD.

SAMPLE NAME : SB8, 3' 1#94941

ID#: 9908234-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082209	Date of Collection:	8/12/99
Dil. Factor:	5:56	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	11	35	Not Detected	Not Detected
2-Propanol	11	28	Not Detected	Not Detected
trans-1,2-Dichloroethene	11	45	Not Detected	Not Detected
Vinyl Acetate	11	40	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11	33	Not Detected	Not Detected
Hexane	11	40	Not Detected	Not Detected
Tetrahydrofuran	11	33	Not Detected	Not Detected
Cyclohexane	11	39	Not Detected	Not Detected
1,4-Dioxane	11	41	Not Detected	Not Detected
Bromodichloromethane	11	76	Not Detected	Not Detected
4-Methyl-2-pentanone	11	46	Not Detected	Not Detected
2-Hexanone	11	46	Not Detected	Not Detected
Dibromochloromethane	11	96	Not Detected	Not Detected
Bromoform	11	120	Not Detected	Not Detected
4-Ethyltoluene	11	56	Not Detected	Not Detected
Ethanol	11	21	62	120
Methyl tert-Butyl Ether	11	41	Not Detected	Not Detected
Heptane	11	46	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB12, 3' 1#23927

ID#: 9908234-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082208	Date of Collection:	8/12/99
Dil. Factor:	139	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	70	350	Not Detected	Not Detected
Freon 114	70	490	Not Detected	Not Detected
Chloromethane	70	150	Not Detected	Not Detected
Vinyl Chloride	70	180	Not Detected	Not Detected
Bromomethane	70	270	Not Detected	Not Detected
Chloroethane	70	190	Not Detected	Not Detected
Freon 11	70	400	Not Detected	Not Detected
1,1-Dichloroethene	70	280	Not Detected	Not Detected
Freon 113	70	540	Not Detected	Not Detected
Methylene Chloride	70	250	Not Detected	Not Detected
1,1-Dichloroethane	70	290	Not Detected	Not Detected
cis-1,2-Dichloroethene	70	280	Not Detected	Not Detected
Chloroform	70	340	Not Detected	Not Detected
1,1,1-Trichloroethane	70	390	Not Detected	Not Detected
Carbon Tetrachloride	70	440	Not Detected	Not Detected
Benzene	70	230	250	820
1,2-Dichloroethane	70	290	Not Detected	Not Detected
Trichloroethene	70	380	Not Detected	Not Detected
1,2-Dichloropropane	70	330	Not Detected	Not Detected
cis-1,3-Dichloropropene	70	320	Not Detected	Not Detected
Toluene	70	270	Not Detected	Not Detected
trans-1,3-Dichloropropene	70	320	Not Detected	Not Detected
1,1,2-Trichloroethane	70	390	Not Detected	Not Detected
Tetrachloroethene	70	480	Not Detected	Not Detected
Ethylene Dibromide	70	540	Not Detected	Not Detected
Chlorobenzene	70	330	Not Detected	Not Detected
Ethyl Benzene	70	310	Not Detected	Not Detected
m,p-Xylene	70	310	400	1800
o-Xylene	70	310	210	920
Styrene	70	300	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	70	480	Not Detected	Not Detected
1,3,5-Trimethylbenzene	70	350	740	3700
1,2,4-Trimethylbenzene	70	350	580	2900
1,3-Dichlorobenzene	70	420	Not Detected	Not Detected
1,4-Dichlorobenzene	70	420	76	460
Chlorotoluene	70	370	Not Detected	Not Detected
1,2-Dichlorobenzene	70	420	480	3000
1,2,4-Trichlorobenzene	70	520	Not Detected	Not Detected
Hexachlorobutadiene	70	750	Not Detected	Not Detected
Propylene	280	490	Not Detected	Not Detected
1,3-Butadiene	280	630	Not Detected	Not Detected
Acetone	280	670	Not Detected	Not Detected

# AIR TOXICS LTD.

SAMPLE NAME : SB12, 3' 1#23927

ID#: 9908234-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082208	Date of Collection:	8/12/99
Dil. Factor:	139	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	280	880	Not Detected	Not Detected
2-Propanol	280	690	Not Detected	Not Detected
trans-1,2-Dichloroethene	280	1100	Not Detected	Not Detected
Vinyl Acetate	280	990	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	280	830	Not Detected	Not Detected
Hexane	280	1000	18000	65000
Tetrahydrofuran	280	830	Not Detected	Not Detected
Cyclohexane	280	970	Not Detected	Not Detected
1,4-Dioxane	280	1000	Not Detected	Not Detected
Bromodichloromethane	280	1900	Not Detected	Not Detected
4-Methyl-2-pentanone	280	1200	Not Detected	Not Detected
2-Hexanone	280	1200	Not Detected	Not Detected
Dibromochloromethane	280	2400	Not Detected	Not Detected
Bromoform	280	2900	Not Detected	Not Detected
4-Ethyltoluene	280	1400	760	3800
Ethanol	280	530	Not Detected	Not Detected
Methyl tert-Butyl Ether	280	1000	Not Detected	Not Detected
Heptane	280	1200	Not Detected	Not Detected

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	170 Q	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB15, 3' 1#14010

ID#: 9908234-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082210	Date of Collection:	8/12/99
Dil. Factor:	2.88	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	1.4	7.2	46	230
Freon 114	1.4	10	Not Detected	Not Detected
Chloromethane	1.4	3.0	Not Detected	Not Detected
Vinyl Chloride	1.4	3.7	Not Detected	Not Detected
Bromomethane	1.4	5.7	Not Detected	Not Detected
Chloroethane	1.4	3.9	Not Detected	Not Detected
Freon 11	1.4	8.2	Not Detected	Not Detected
1,1-Dichloroethene	1.4	5.8	Not Detected	Not Detected
Freon 113	1.4	11	Not Detected	Not Detected
Methylene Chloride	1.4	5.1	4.8	17
1,1-Dichloroethane	1.4	5.9	Not Detected	Not Detected
cis-1,2-Dichloroethene	1.4	5.8	Not Detected	Not Detected
Chloroform	1.4	7.1	Not Detected	Not Detected
1,1,1-Trichloroethane	1.4	8.0	Not Detected	Not Detected
Carbon Tetrachloride	1.4	9.2	Not Detected	Not Detected
Benzene	1.4	4.7	42	140
1,2-Dichloroethane	1.4	5.9	Not Detected	Not Detected
Trichloroethene	1.4	7.9	Not Detected	Not Detected
1,2-Dichloropropane	1.4	6.8	Not Detected	Not Detected
cis-1,3-Dichloropropene	1.4	6.6	Not Detected	Not Detected
Toluene	1.4	5.5	12	48
trans-1,3-Dichloropropene	1.4	6.6	Not Detected	Not Detected
1,1,2-Trichloroethane	1.4	8.0	Not Detected	Not Detected
Tetrachloroethene	1.4	9.9	2.1	14
Ethylene Dibromide	1.4	11	Not Detected	Not Detected
Chlorobenzene	1.4	6.7	Not Detected	Not Detected
Ethyl Benzene	1.4	6.4	1.6	7.3
m,p-Xylene	1.4	6.4	4.9	22
o-Xylene	1.4	6.4	1.8	8.2
Styrene	1.4	6.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	1.4	10	Not Detected	Not Detected
1,3,5-Trimethylbenzene	1.4	7.2	Not Detected	Not Detected
1,2,4-Trimethylbenzene	1.4	7.2	1.8	9.2
1,3-Dichlorobenzene	1.4	8.8	Not Detected	Not Detected
1,4-Dichlorobenzene	1.4	8.8	Not Detected	Not Detected
Chlorotoluene	1.4	7.6	Not Detected	Not Detected
1,2-Dichlorobenzene	1.4	8.8	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.4	11	Not Detected	Not Detected
Hexachlorobutadiene	1.4	16	Not Detected	Not Detected
Propylene	5.8	10	Not Detected	Not Detected
1,3-Butadiene	5.8	13	13	29
Acetone	5.8	14	51 B	120 B

# AIR TOXICS LTD.

SAMPLE NAME : SB15, 3' 1#14010

ID#: 9908234-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082210	Date of Collection:	8/12/99
Dil. Factor:	2.88	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	5.8	18	Not Detected	Not Detected
2-Propanol	5.8	14	Not Detected	Not Detected
trans-1,2-Dichloroethene	5.8	23	Not Detected	Not Detected
Vinyl Acetate	5.8	21	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	5.8	17	13	40
Hexane	5.8	21	50	180
Tetrahydrofuran	5.8	17	Not Detected	Not Detected
Cyclohexane	5.8	20	Not Detected	Not Detected
1,4-Dioxane	5.8	21	Not Detected	Not Detected
Bromodichloromethane	5.8	39	Not Detected	Not Detected
4-Methyl-2-pentanone	5.8	24	Not Detected	Not Detected
2-Hexanone	5.8	24	Not Detected	Not Detected
Dibromochloromethane	5.8	50	Not Detected	Not Detected
Bromoform	5.8	61	Not Detected	Not Detected
4-Ethyltoluene	5.8	29	Not Detected	Not Detected
Ethanol	5.8	11	190	370
Methyl tert-Butyl Ether	5.8	21	Not Detected	Not Detected
Heptane	5.8	24	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB9, 3' 1#14008

ID#: 9908234-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082211	Date of Collection:	8/13/99
Dil. Factor:	1.36	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.68	3.4	20	100
Freon 114	0.68	4.8	Not Detected	Not Detected
Chloromethane	0.68	1.4	Not Detected	Not Detected
Vinyl Chloride	0.68	1.8	Not Detected	Not Detected
Bromomethane	0.68	2.7	Not Detected	Not Detected
Chloroethane	0.68	1.8	Not Detected	Not Detected
Freon 11	0.68	3.9	1.5	8.8
1,1-Dichloroethene	0.68	2.7	Not Detected	Not Detected
Freon 113	0.68	5.3	Not Detected	Not Detected
Methylene Chloride	0.68	2.4	Not Detected	Not Detected
1,1-Dichloroethane	0.68	2.8	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.68	2.7	Not Detected	Not Detected
Chloroform	0.68	3.4	1.1	5.6
1,1,1-Trichloroethane	0.68	3.8	Not Detected	Not Detected
Carbon Tetrachloride	0.68	4.3	Not Detected	Not Detected
Benzene	0.68	2.2	12	38
1,2-Dichloroethane	0.68	2.8	Not Detected	Not Detected
Trichloroethene	0.68	3.7	Not Detected	Not Detected
1,2-Dichloropropane	0.68	3.2	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.68	3.1	Not Detected	Not Detected
Toluene	0.68	2.6	18	71
trans-1,3-Dichloropropene	0.68	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.68	3.8	Not Detected	Not Detected
Tetrachloroethene	0.68	4.7	Not Detected	Not Detected
Ethylene Dibromide	0.68	5.3	Not Detected	Not Detected
Chlorobenzene	0.68	3.2	Not Detected	Not Detected
Ethyl Benzene	0.68	3.0	1.7	7.4
m,p-Xylene	0.68	3.0	7.3	32
o-Xylene	0.68	3.0	2.6	12
Styrene	0.68	2.9	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.68	4.7	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.68	3.4	0.77	3.9
1,2,4-Trimethylbenzene	0.68	3.4	2.3	12
1,3-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
1,4-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
Chlorotoluene	0.68	3.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.68	5.1	Not Detected	Not Detected
Hexachlorobutadiene	0.68	7.4	Not Detected	Not Detected
Propylene	2.7	4.8	Not Detected	Not Detected
1,3-Butadiene	2.7	6.1	Not Detected	Not Detected
Acetone	2.7	6.6	19 B	45 B

# AIR TOXICS LTD.

SAMPLE NAME : SB9, 3' 1#14008

ID#: 9908234-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082211	Date of Collection:	8/13/99
Dil. Factor:	1.36	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.7	8.6	Not Detected	Not Detected
2-Propanol	2.7	6.8	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
Vinyl Acetate	2.7	9.7	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.2	6.0	18
Hexane	2.7	9.7	4.3	15
Tetrahydrofuran	2.7	8.2	Not Detected	Not Detected
Cyclohexane	2.7	9.5	4.9	17
1,4-Dioxane	2.7	10	Not Detected	Not Detected
Bromodichloromethane	2.7	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	Not Detected	Not Detected
2-Hexanone	2.7	11	Not Detected	Not Detected
Dibromochloromethane	2.7	24	Not Detected	Not Detected
Bromoform	2.7	29	Not Detected	Not Detected
4-Ethyltoluene	2.7	14	Not Detected	Not Detected
Ethanol	2.7	5.2	47	90
Methyl tert-Butyl Ether	2.7	10	Not Detected	Not Detected
Heptane	2.7	11	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	96	70-130



# AIR TOXICS LTD.

SAMPLE NAME : SB10, 3' 1#25273

ID#: 9908234-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082212	Date of Collection:	8/13/99
Dil. Factor:	1:60	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.80	4.0	1.4	7.1
Freon 114	0.80	5.7	Not Detected	Not Detected
Chloromethane	0.80	1.7	Not Detected	Not Detected
Vinyl Chloride	0.80	2.1	Not Detected	Not Detected
Bromomethane	0.80	3.2	Not Detected	Not Detected
Chloroethane	0.80	2.1	Not Detected	Not Detected
Freon 11	0.80	4.6	Not Detected	Not Detected
1,1-Dichloroethene	0.80	3.2	Not Detected	Not Detected
Freon 113	0.80	6.2	Not Detected	Not Detected
Methylene Chloride	0.80	2.8	Not Detected	Not Detected
1,1-Dichloroethane	0.80	3.3	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.80	3.2	Not Detected	Not Detected
Chloroform	0.80	4.0	1.6	8.2
1,1,1-Trichloroethane	0.80	4.4	Not Detected	Not Detected
Carbon Tetrachloride	0.80	5.1	Not Detected	Not Detected
Benzene	0.80	2.6	3.5	11
1,2-Dichloroethane	0.80	3.3	Not Detected	Not Detected
Trichloroethene	0.80	4.4	Not Detected	Not Detected
1,2-Dichloropropane	0.80	3.8	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.80	3.7	Not Detected	Not Detected
Toluene	0.80	3.1	2.8	11
trans-1,3-Dichloropropene	0.80	3.7	Not Detected	Not Detected
1,1,2-Trichloroethane	0.80	4.4	Not Detected	Not Detected
Tetrachloroethene	0.80	5.5	Not Detected	Not Detected
Ethylene Dibromide	0.80	6.2	Not Detected	Not Detected
Chlorobenzene	0.80	3.7	Not Detected	Not Detected
Ethyl Benzene	0.80	3.5	Not Detected	Not Detected
m,p-Xylene	0.80	3.5	1.7	7.6
o-Xylene	0.80	3.5	Not Detected	Not Detected
Styrene	0.80	3.5	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.80	5.6	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.80	4.0	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.80	4.0	1.2	6.0
1,3-Dichlorobenzene	0.80	4.9	Not Detected	Not Detected
1,4-Dichlorobenzene	0.80	4.9	Not Detected	Not Detected
Chlorotoluene	0.80	4.2	Not Detected	Not Detected
1,2-Dichlorobenzene	0.80	4.9	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.80	6.0	Not Detected	Not Detected
Hexachlorobutadiene	0.80	8.7	Not Detected	Not Detected
Propylene	3.2	5.6	Not Detected	Not Detected
1,3-Butadiene	3.2	7.2	Not Detected	Not Detected
Acetone	3.2	7.7	39 B	93 B

# AIR TOXICS LTD.

SAMPLE NAME : SB10, 3' 1#25273

ID#: 9908234-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082212	Date of Collection:	8/13/99
Dil. Factor:	1.60	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	3.2	10	Not Detected	Not Detected
2-Propanol	3.2	8.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	3.2	13	Not Detected	Not Detected
Vinyl Acetate	3.2	11	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	9.6	9.7	29
Hexane	3.2	11	3.9	14
Tetrahydrofuran	3.2	9.6	Not Detected	Not Detected
Cyclohexane	3.2	11	Not Detected	Not Detected
1,4-Dioxane	3.2	12	Not Detected	Not Detected
Bromodichloromethane	3.2	22	Not Detected	Not Detected
4-Methyl-2-pentanone	3.2	13	Not Detected	Not Detected
2-Hexanone	3.2	13	Not Detected	Not Detected
Dibromochloromethane	3.2	28	Not Detected	Not Detected
Bromoform	3.2	34	Not Detected	Not Detected
4-Ethyltoluene	3.2	16	Not Detected	Not Detected
Ethanol	3.2	6.1	40	76
Methyl tert-Butyl Ether	3.2	12	Not Detected	Not Detected
Heptane	3.2	13	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	95	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB6, 3' 1#22503

ID#: 9908234-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082213	Date of Collection: 8/13/99
Dil. Factor:	1.36	Date of Analysis: 8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.68	3.4	Not Detected	Not Detected
Freon 114	0.68	4.8	Not Detected	Not Detected
Chloromethane	0.68	1.4	Not Detected	Not Detected
Vinyl Chloride	0.68	1.8	Not Detected	Not Detected
Bromomethane	0.68	2.7	Not Detected	Not Detected
Chloroethane	0.68	1.8	Not Detected	Not Detected
Freon 11	0.68	3.9	Not Detected	Not Detected
1,1-Dichloroethene	0.68	2.7	Not Detected	Not Detected
Freon 113	0.68	5.3	Not Detected	Not Detected
Methylene Chloride	0.68	2.4	Not Detected	Not Detected
1,1-Dichloroethane	0.68	2.8	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.68	2.7	Not Detected	Not Detected
Chloroform	0.68	3.4	Not Detected	Not Detected
1,1,1-Trichloroethane	0.68	3.8	Not Detected	Not Detected
Carbon Tetrachloride	0.68	4.3	Not Detected	Not Detected
Benzene	0.68	2.2	3.0	9.8
1,2-Dichloroethane	0.68	2.8	Not Detected	Not Detected
Trichloroethene	0.68	3.7	Not Detected	Not Detected
1,2-Dichloropropane	0.68	3.2	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.68	3.1	Not Detected	Not Detected
Toluene	0.68	2.6	4.2	16
trans-1,3-Dichloropropene	0.68	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.68	3.8	Not Detected	Not Detected
Tetrachloroethene	0.68	4.7	Not Detected	Not Detected
Ethylene Dibromide	0.68	5.3	Not Detected	Not Detected
Chlorobenzene	0.68	3.2	Not Detected	Not Detected
Ethyl Benzene	0.68	3.0	Not Detected	Not Detected
m,p-Xylene	0.68	3.0	1.8	7.9
o-Xylene	0.68	3.0	0.72	3.2
Styrene	0.68	2.9	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.68	4.7	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.68	3.4	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.68	3.4	1.1	5.5
1,3-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
1,4-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
Chlorotoluene	0.68	3.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.68	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.68	5.1	Not Detected	Not Detected
Hexachlorobutadiene	0.68	7.4	Not Detected	Not Detected
Propylene	2.7	4.8	Not Detected	Not Detected
1,3-Butadiene	2.7	6.1	Not Detected	Not Detected
Acetone	2.7	6.6	11 B	26 B

# AIR TOXICS LTD.

SAMPLE NAME : SB6, 3' 1#22503

ID#: 9908234-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082213	Date of Collection:	8/13/99
Dil. Factor:	1.36	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.7	8.6	Not Detected	Not Detected
2-Propanol	2.7	6.8	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
Vinyl Acetate	2.7	9.7	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.2	4.0	12
Hexane	2.7	9.7	Not Detected	Not Detected
Tetrahydrofuran	2.7	8.2	Not Detected	Not Detected
Cyclohexane	2.7	9.5	Not Detected	Not Detected
1,4-Dioxane	2.7	10	Not Detected	Not Detected
Bromodichloromethane	2.7	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	Not Detected	Not Detected
2-Hexanone	2.7	11	Not Detected	Not Detected
Dibromochloromethane	2.7	24	Not Detected	Not Detected
Bromoform	2.7	29	Not Detected	Not Detected
4-Ethyltoluene	2.7	14	Not Detected	Not Detected
Ethanol	2.7	5.2	35	67
Methyl tert-Butyl Ether	2.7	10	Not Detected	Not Detected
Heptane	2.7	11	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB13, 3' 1#94949

ID#: 9908234-14A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082214	Date of Collection:	8/13/99
Dil. Factor:	1.34	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.67	3.4	Not Detected	Not Detected
Freon 114	0.67	4.8	Not Detected	Not Detected
Chloromethane	0.67	1.4	Not Detected	Not Detected
Vinyl Chloride	0.67	1.7	Not Detected	Not Detected
Bromomethane	0.67	2.6	Not Detected	Not Detected
Chloroethane	0.67	1.8	Not Detected	Not Detected
Freon 11	0.67	3.8	Not Detected	Not Detected
1,1-Dichloroethene	0.67	2.7	Not Detected	Not Detected
Freon 113	0.67	5.2	Not Detected	Not Detected
Methylene Chloride	0.67	2.4	5.6	20
1,1-Dichloroethane	0.67	2.8	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.67	2.7	Not Detected	Not Detected
Chloroform	0.67	3.3	Not Detected	Not Detected
1,1,1-Trichloroethane	0.67	3.7	Not Detected	Not Detected
Carbon Tetrachloride	0.67	4.3	Not Detected	Not Detected
Benzene	0.67	2.2	0.91	2.9
1,2-Dichloroethane	0.67	2.8	Not Detected	Not Detected
Trichloroethene	0.67	3.7	Not Detected	Not Detected
1,2-Dichloropropane	0.67	3.1	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
Toluene	0.67	2.6	8.5	32
trans-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.67	3.7	Not Detected	Not Detected
Tetrachloroethene	0.67	4.6	Not Detected	Not Detected
Ethylene Dibromide	0.67	5.2	Not Detected	Not Detected
Chlorobenzene	0.67	3.1	Not Detected	Not Detected
Ethyl Benzene	0.67	3.0	Not Detected	Not Detected
m,p-Xylene	0.67	3.0	1.3	5.6
o-Xylene	0.67	3.0	Not Detected	Not Detected
Styrene	0.67	2.9	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.67	4.7	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.67	3.3	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.67	3.3	1.1	5.3
1,3-Dichlorobenzene	0.67	4.1	Not Detected	Not Detected
1,4-Dichlorobenzene	0.67	4.1	Not Detected	Not Detected
Chlorotoluene	0.67	3.5	Not Detected	Not Detected
1,2-Dichlorobenzene	0.67	4.1	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.67	5.1	Not Detected	Not Detected
Hexachlorobutadiene	0.67	7.3	Not Detected	Not Detected
Propylene	2.7	4.7	Not Detected	Not Detected
1,3-Butadiene	2.7	6.0	Not Detected	Not Detected
Acetone	2.7	6.5	49 B	120 B

# AIR TOXICS LTD.

SAMPLE NAME : SB13, 3' 1#94949

ID#: 9908234-14A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082214	Date of Collection: 8/13/99
Dil. Factor:	1,34	Date of Analysis: 8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.7	8.5	6.4	20
2-Propanol	2.7	6.7	26	66
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
Vinyl Acetate	2.7	9.6	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.0	5.5	16
Hexane	2.7	9.6	Not Detected	Not Detected
Tetrahydrofuran	2.7	8.0	58	170
Cyclohexane	2.7	9.4	Not Detected	Not Detected
1,4-Dioxane	2.7	9.8	4.3	16
Bromodichloromethane	2.7	18	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	Not Detected	Not Detected
2-Hexanone	2.7	11	Not Detected	Not Detected
Dibromochloromethane	2.7	23	Not Detected	Not Detected
Bromoform	2.7	28	Not Detected	Not Detected
4-Ethyltoluene	2.7	13	Not Detected	Not Detected
Ethanol	2.7	5.1	410 E	780 E
Methyl tert-Butyl Ether	2.7	9.8	Not Detected	Not Detected
Heptane	2.7	11	3.4	14

B = Compound present in laboratory blank, background subtraction not performed.

E = Exceeds instrument calibration range.

**Container Type: 6 Liter Summa Canister**

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	98	70-130

# AIR TOXICS LTD.

SAMPLE NAME : SB11, 3' 1#13653

ID#: 9908234-15A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082215	Date of Collection:	8/13/99
Dil. Factor:	1.63	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.82	4.1	Not Detected	Not Detected
Freon 114	0.82	5.8	Not Detected	Not Detected
Chloromethane	0.82	1.7	3.7	7.8
Vinyl Chloride	0.82	2.1	Not Detected	Not Detected
Bromomethane	0.82	3.2	Not Detected	Not Detected
Chloroethane	0.82	2.2	Not Detected	Not Detected
Freon 11	0.82	4.7	4.6	26
1,1-Dichloroethene	0.82	3.3	Not Detected	Not Detected
Freon 113	0.82	6.3	Not Detected	Not Detected
Methylene Chloride	0.82	2.9	1.2	4.3
1,1-Dichloroethane	0.82	3.4	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.82	3.3	Not Detected	Not Detected
Chloroform	0.82	4.0	Not Detected	Not Detected
1,1,1-Trichloroethane	0.82	4.5	Not Detected	Not Detected
Carbon Tetrachloride	0.82	5.2	Not Detected	Not Detected
Benzene	0.82	2.6	2.7	8.8
1,2-Dichloroethane	0.82	3.4	Not Detected	Not Detected
Trichloroethene	0.82	4.5	Not Detected	Not Detected
1,2-Dichloropropane	0.82	3.8	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.82	3.8	Not Detected	Not Detected
Toluene	0.82	3.1	1.9	7.4
trans-1,3-Dichloropropene	0.82	3.8	Not Detected	Not Detected
1,1,2-Trichloroethane	0.82	4.5	Not Detected	Not Detected
Tetrachloroethene	0.82	5.6	Not Detected	Not Detected
Ethylene Dibromide	0.82	6.4	Not Detected	Not Detected
Chlorobenzene	0.82	3.8	Not Detected	Not Detected
Ethyl Benzene	0.82	3.6	Not Detected	Not Detected
m,p-Xylene	0.82	3.6	0.91	4.0
o-Xylene	0.82	3.6	Not Detected	Not Detected
Styrene	0.82	3.5	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.82	5.7	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.82	4.1	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.82	4.1	0.85	4.3
1,3-Dichlorobenzene	0.82	5.0	Not Detected	Not Detected
1,4-Dichlorobenzene	0.82	5.0	Not Detected	Not Detected
Chlorotoluene	0.82	4.3	Not Detected	Not Detected
1,2-Dichlorobenzene	0.82	5.0	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.82	6.1	Not Detected	Not Detected
Hexachlorobutadiene	0.82	8.8	Not Detected	Not Detected
Propylene	3.3	5.7	Not Detected	Not Detected
1,3-Butadiene	3.3	7.3	Not Detected	Not Detected
Acetone	3.3	7.9	38 B	91 B

# AIR TOXICS LTD.

SAMPLE NAME : SB11, 3' 1#13653

ID#: 9908234-15A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082215	Date of Collection:	8/13/99
Dil. Factor:	1.63	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	3.3	10	Not Detected	Not Detected
2-Propanol	3.3	8.1	Not Detected	Not Detected
trans-1,2-Dichloroethene	3.3	13	Not Detected	Not Detected
Vinyl Acetate	3.3	12	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.3	9.8	9.9	30
Hexane	3.3	12	Not Detected	Not Detected
Tetrahydrofuran	3.3	9.8	Not Detected	Not Detected
Cyclohexane	3.3	11	Not Detected	Not Detected
1,4-Dioxane	3.3	12	22	81
Bromodichloromethane	3.3	22	Not Detected	Not Detected
4-Methyl-2-pentanone	3.3	14	Not Detected	Not Detected
2-Hexanone	3.3	14	Not Detected	Not Detected
Dibromochloromethane	3.3	28	Not Detected	Not Detected
Bromoform	3.3	34	Not Detected	Not Detected
4-Ethyltoluene	3.3	16	Not Detected	Not Detected
Ethanol	3.3	6.2	23	45
Methyl tert-Butyl Ether	3.3	12	Not Detected	Not Detected
Heptane	3.3	14	Not Detected	Not Detected

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130



# AIR TOXICS LTD.

SAMPLE NAME : Method Spike

ID#: 9908234-16A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082102	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	% Recovery
Freon 12	0.50	2.5	90
Freon 114	0.50	3.6	94
Chloromethane	0.50	1.0	79
Vinyl Chloride	0.50	1.3	82
Bromomethane	0.50	2.0	104
Chloroethane	0.50	1.3	87
Freon 11	0.50	2.9	89
1,1-Dichloroethene	0.50	2.0	81
Freon 113	0.50	3.9	90
Methylene Chloride	0.50	1.8	80
1,1-Dichloroethane	0.50	2.1	81
cis-1,2-Dichloroethene	0.50	2.0	77
Chloroform	0.50	2.5	84
1,1,1-Trichloroethane	0.50	2.8	86
Carbon Tetrachloride	0.50	3.2	93
Benzene	0.50	1.6	82
1,2-Dichloroethane	0.50	2.1	76
Trichloroethene	0.50	2.7	79
1,2-Dichloropropane	0.50	2.3	76
cis-1,3-Dichloropropene	0.50	2.3	78
Toluene	0.50	1.9	84
trans-1,3-Dichloropropene	0.50	2.3	73
1,1,2-Trichloroethane	0.50	2.8	78
Tetrachloroethene	0.50	3.4	84
Ethylene Dibromide	0.50	3.9	79
Chlorobenzene	0.50	2.3	81
Ethyl Benzene	0.50	2.2	80
m,p-Xylene	0.50	2.2	82
o-Xylene	0.50	2.2	80
Styrene	0.50	2.2	80
1,1,2,2-Tetrachloroethane	0.50	3.5	78
1,3,5-Trimethylbenzene	0.50	2.5	79
1,2,4-Trimethylbenzene	0.50	2.5	81
1,3-Dichlorobenzene	0.50	3.1	82
1,4-Dichlorobenzene	0.50	3.1	81
Chlorotoluene	0.50	2.6	79
1,2-Dichlorobenzene	0.50	3.1	84
1,2,4-Trichlorobenzene	0.50	3.8	95
Hexachlorobutadiene	0.50	5.4	86
Propylene	2.0	3.5	82
1,3-Butadiene	2.0	4.5	80
Acetone	2.0	4.8	78

# AIR TOXICS LTD.

SAMPLE NAME : Method Spike

ID#: 9908234-16A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082102	Date of Collection:	NA
Dil. Factor:	1:00	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	% Recovery
Carbon Disulfide	2.0	6.3	85
2-Propanol	2.0	5.0	72
trans-1,2-Dichloroethene	2.0	8.1	84
Vinyl Acetate	2.0	7.2	71
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	75
Hexane	2.0	7.2	78
Tetrahydrofuran	2.0	6.0	76
Cyclohexane	2.0	7.0	82
1,4-Dioxane	2.0	7.3	77
Bromodichloromethane	2.0	14	83
4-Methyl-2-pentanone	2.0	8.3	74
2-Hexanone	2.0	8.3	69
Dibromochloromethane	2.0	17	88
Bromoform	2.0	21	93
4-Ethyltoluene	2.0	10	83
Ethanol	2.0	3.8	70
Methyl tert-Butyl Ether	2.0	7.3	82
Heptane	2.0	8.3	72

Container Type: NA

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

# AIR TOXICS LTD.

SAMPLE NAME : Lab Blank

ID#: 9908234-17A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	I082107	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.50	2.5	Not Detected	Not Detected
Freon 114	0.50	3.6	Not Detected	Not Detected
Chloromethane	0.50	1.0	Not Detected	Not Detected
Vinyl Chloride	0.50	1.3	Not Detected	Not Detected
Bromomethane	0.50	2.0	Not Detected	Not Detected
Chloroethane	0.50	1.3	Not Detected	Not Detected
Freon 11	0.50	2.9	Not Detected	Not Detected
1,1-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Freon 113	0.50	3.9	Not Detected	Not Detected
Methylene Chloride	0.50	1.8	Not Detected	Not Detected
1,1-Dichloroethane	0.50	2.1	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Chloroform	0.50	2.5	Not Detected	Not Detected
1,1,1-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Carbon Tetrachloride	0.50	3.2	Not Detected	Not Detected
Benzene	0.50	1.6	Not Detected	Not Detected
1,2-Dichloroethane	0.50	2.1	Not Detected	Not Detected
Trichloroethene	0.50	2.7	Not Detected	Not Detected
1,2-Dichloropropane	0.50	2.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
Toluene	0.50	1.9	Not Detected	Not Detected
trans-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Tetrachloroethene	0.50	3.4	Not Detected	Not Detected
Ethylene Dibromide	0.50	3.9	Not Detected	Not Detected
Chlorobenzene	0.50	2.3	Not Detected	Not Detected
Ethyl Benzene	0.50	2.2	Not Detected	Not Detected
m,p-Xylene	0.50	2.2	Not Detected	Not Detected
o-Xylene	0.50	2.2	Not Detected	Not Detected
Styrene	0.50	2.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.50	3.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
1,4-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
Chlorotoluene	0.50	2.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.50	3.8	Not Detected	Not Detected
Hexachlorobutadiene	0.50	5.4	Not Detected	Not Detected
Propylene	2.0	3.5	Not Detected	Not Detected
1,3-Butadiene	2.0	4.5	Not Detected	Not Detected
Acetone	2.0	4.8	3.3	7.9

# AIR TOXICS LTD.

SAMPLE NAME : Lab Blank

ID#: 9908234-17A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082107	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	8/21/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.0	6.3	Not Detected	Not Detected
2-Propanol	2.0	5.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.0	8.1	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	Not Detected	Not Detected
Hexane	2.0	7.2	Not Detected	Not Detected
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
Cyclohexane	2.0	7.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
Bromodichloromethane	2.0	14	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	Not Detected	Not Detected
Dibromochloromethane	2.0	17	Not Detected	Not Detected
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Ethanol	2.0	3.8	Not Detected	Not Detected
Methyl tert-Butyl Ether	2.0	7.3	Not Detected	Not Detected
Heptane	2.0	8.3	Not Detected	Not Detected

Container Type: NA

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

# AIR TOXICS LTD.

SAMPLE NAME : Lab Blank

ID#: 9908234-17B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.50	2.5	Not Detected	Not Detected
Freon 114	0.50	3.6	Not Detected	Not Detected
Chloromethane	0.50	1.0	Not Detected	Not Detected
Vinyl Chloride	0.50	1.3	Not Detected	Not Detected
Bromomethane	0.50	2.0	Not Detected	Not Detected
Chloroethane	0.50	1.3	Not Detected	Not Detected
Freon 11	0.50	2.9	Not Detected	Not Detected
1,1-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Freon 113	0.50	3.9	Not Detected	Not Detected
Methylene Chloride	0.50	1.8	Not Detected	Not Detected
1,1-Dichloroethane	0.50	2.1	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Chloroform	0.50	2.5	Not Detected	Not Detected
1,1,1-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Carbon Tetrachloride	0.50	3.2	Not Detected	Not Detected
Benzene	0.50	1.6	Not Detected	Not Detected
1,2-Dichloroethane	0.50	2.1	Not Detected	Not Detected
Trichloroethene	0.50	2.7	Not Detected	Not Detected
1,2-Dichloropropane	0.50	2.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
Toluene	0.50	1.9	Not Detected	Not Detected
trans-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Tetrachloroethene	0.50	3.4	Not Detected	Not Detected
Ethylene Dibromide	0.50	3.9	Not Detected	Not Detected
Chlorobenzene	0.50	2.3	Not Detected	Not Detected
Ethyl Benzene	0.50	2.2	Not Detected	Not Detected
m,p-Xylene	0.50	2.2	Not Detected	Not Detected
o-Xylene	0.50	2.2	Not Detected	Not Detected
Styrene	0.50	2.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.50	3.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
1,4-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
Chlorotoluene	0.50	2.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.50	3.1	Not Detected	Not Detected
1,2,4-Trichlorobenzene	0.50	3.8	Not Detected	Not Detected
Hexachlorobutadiene	0.50	5.4	Not Detected	Not Detected
Propylene	2.0	3.5	Not Detected	Not Detected
1,3-Butadiene	2.0	4.5	Not Detected	Not Detected
Acetone	2.0	4.8	3.2	7.8

# AIR TOXICS LTD.

SAMPLE NAME : Lab Blank

ID#: 9908234-17B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	1082204	Date of Collection:	NA
Dil. Factor:	1:00	Date of Analysis:	8/22/99

Compound	Det. Limit (ppbv)	Det. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Carbon Disulfide	2.0	6.3	Not Detected	Not Detected
2-Propanol	2.0	5.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.0	8.1	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	Not Detected	Not Detected
Hexane	2.0	7.2	Not Detected	Not Detected
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
Cyclohexane	2.0	7.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
Bromodichloromethane	2.0	14	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	Not Detected	Not Detected
Dibromochloromethane	2.0	17	Not Detected	Not Detected
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Ethanol	2.0	3.8	Not Detected	Not Detected
Methyl tert-Butyl Ether	2.0	7.3	Not Detected	Not Detected
Heptane	2.0	8.3	Not Detected	Not Detected

Container Type: NA

Surrogates	% Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130



**AIR TOXICS LTD.**  
AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B  
FOLSOM, CA 95630-4719  
(916) 985-1000 FAX: (916) 985-1020

# CHAIN-OF-CUSTODY RECORD

N<sup>o</sup> 022392

Page 1 of 2

Contact Person <u>Doug Oram</u> Company <u>ETEC Engineering, Inc.</u> Address <u>144 Mayhew Way</u> City <u>Winnemucca</u> State <u>CA</u> Zip <u>94596</u> Phone <u>(925) 977-7914</u> FAX <u>(925) 977-7915</u> Collected By: Signature <u>[Signature]</u> <u>Bryan Campbell</u>	Project info: P.O. # <u>TMVEST.4</u> Project # <u>TMVEST.4</u> Project Name <u>NESTLE</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____  <u>8/19/99</u>
--	--	--

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
012	SB1, 3' 1#30836	8/12/99, 0930	TO14 - Volatile Organic Compounds	0"		0.4 psi
022	SB2, 3' 1#25261	1025		2.5		0.0
03A	SB3, 3' 1#12679	1118		3.5		2.0"
04A	SB4, 3' 1#11880	<del>1240</del>		3		1.5"
05A	SB5, 3' 1#12937	1320		3.5		1.5"
06A	SB7, 3' 1#94604	1410		4		2.5"
07A	SB14, 3' 1#25260	1442		3		1.0"
08A	SB8, 3' 1#94941	<del>1514</del>		3		1.0"
09A	SB12, 3' 1#23927	1550		3.3		1.0"
10A	SB15, 3' 1#14010	1630		4		2.0"

Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>8/13/99/1700</u> Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>8/19/99</u> Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>10/4/99</u>	Print Name <u>Bryan Campbell</u> Received By: (Signature) <u>[Signature]</u> Date/Time <u>8/19/99</u> Received By: (Signature) <u>[Signature]</u> Date/Time <u>10/4/99</u>	Notes:
---	--	--------

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Date/Time	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Ed Ex</u>	<u>712/99885633</u>	<u>[Signature]</u>	<u>8/16/99</u>	<u>-</u>	<u>Good</u>	Yes No None <u>N/A</u>	<u>9908234</u>



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180 BLUE RAVINE ROAD, SUITE B  
FOLSOM, CA 95630-4719  
(916) 985-1000 FAX: (916) 985-1020

**CHAIN-OF-CUSTODY RECORD**

No 022391

Page 2 of 2

Contact Person <u>Doug Oram</u> Company <u>ETIC Engineering, Inc.</u> Address <u>144 Mayhew</u> City <u>Walnut Creek</u> State <u>CA</u> Zip <u>94596</u> Phone <u>(925) 977-7914</u> FAX <u>(925) 977-7914</u> Collected By: Signature <u>[Signature]</u> <u>Bryan Campbell</u>	Project info: P.O. # <u>T M NEST. 4</u> Project # <u>T M NEST. 4</u> Project Name <u>NESTLE</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____ <u>8/20/99</u>
--	--	---

Lab ID	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
112	SB9, 3' 1#14006	8/13/99 0840	TO14 - Volatile Organic Compounds	3		0.5"
122	SB10, 3' 1#25273	0915		2.5		0.0
132	SB6, 3' 1#22503	0952		3		0.5"
142	SB13, 3' 1#94949	1025		2.5		0.0
152	SB11, 3' 1#13653	1055		3		0.5"

Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>8/17/99</u> Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>8/17/99</u> Relinquished By: (Signature) <u>[Signature]</u> Date/Time <u>10:45</u>	Print Name <u>Bryan Campbell</u> Received By: (Signature) <u>[Signature]</u> Date/Time <u>8/17/99</u> Received By: (Signature) <u>[Signature]</u> Date/Time <u>10:45</u>	Notes:
--	--	--------

Shipper Name <u>Fed Ex</u> Air Bill # <u>81219884 5623</u>	Opened By: <u>[Signature]</u> Date/Time <u>8/17/99</u> <u>10:45</u>	Temp. (°C) <u>—</u> Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u> N/A	Work Order # <u>9908234</u>
--	--	---	--	-----------------------------



**Appendix G**

**Environmental Records Search Report**



*e data resources, inc.*

## **The EDR-Radius Map with GeoCheck™**

**Nestle Facility  
1310 14th St  
Oakland, CA 94607**

**Inquiry Number: 0204528.1r**

**October 16, 1997**

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

3530 Post Road  
Southport, Connecticut 06490

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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

## Disclaimer

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## EXECUTIVE SUMMARY

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

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

1310 14TH ST  
OAKLAND, CA 94607

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

**NPL:**..... National Priority List  
**Delisted NPL:**..... NPL Deletions  
**RCRIS-TSD:**..... Resource Conservation and Recovery Information System  
**Del. Cal-Sites:**..... Calsites  
**CERCLIS:**..... Comprehensive Environmental Response, Compensation, and Liability Information System  
**CERC-NFRAP:**..... Comprehensive Environmental Response, Compensation, and Liability Information System  
**SWIS:**..... Solid Waste Information System  
**AST:**..... Aboveground Petroleum Storage Tank Facilities  
**RAATS:**..... RCRA Administrative Action Tracking System  
**WMUDS:**..... Waste Management Unit Database  
**HMIRS:**..... Hazardous Materials Information Reporting System  
**PADS:**..... PCB Activity Database System  
**ERNS:**..... Emergency Response Notification System  
**TRIS:**..... Toxic Chemical Release Inventory System  
**TSCA:**..... Toxic Substances Control Act  
**MLTS:**..... Material Licensing Tracking System  
**NPL Lien:**..... Federal Superfund Liens  
**ROD:**..... Records Of Decision  
**CONSENT:**..... Superfund (CERCLA) Consent Decrees  
**Ca. WDS:**..... Waste Discharge System  
**Coal Gas:**..... Former Manufactured gas (Coal Gas) Sites.

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

### Search Results:

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

### Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CARNATION DIARIES 1310 14TH ST OAKLAND, CA 94607	FINDS RCRIS-LQG UST Cortese Ca. FID HAZNET LUST S Bay Reg. 2 LUST	CAD130171283

## EXECUTIVE SUMMARY

CARNATION DIARIES  
1310 14TH ST  
OAKLAND, CA 94607

HAZNET

N/A

## EXECUTIVE SUMMARY

### Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

**AWP:** California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 10/29/1996 has revealed that there is 1 AWP site within approximately 1 Mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>DC METALS</i></b>	<b><i>1414 3RD ST</i></b>	<b><i>1/2 - 1 SSW</i></b>	<b><i>X123</i></b>	<b><i>119</i></b>

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

A review of the Cal-Sites list, as provided by EDR, and dated 05/20/1997 has revealed that there are 30 Cal-Sites sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NEW OAKLAND FIRE STATION #3	CENTER / 14TH STREET	1/8 - 1/4WSW	9	19
LAHER SPRING AND ELECTRIC CAR	2419 MAGNOLIA STREET	1/2 - 1 NE	P87	92
LDS TRUCKING	2233 WOOD STREET	1/2 - 1 NNW	R89	93
B & P DISMANTLERS	2525 WOOD STREET	1/2 - 1 N	U110	108
ALAMEDA CHEMICAL AND SCIENTIFI	2668 HANNAH STREET	1/2 - 1 NNE	120	117
<b><i>GENERAL TRANSPORTATION INC.</i></b>	<b><i>3211 WOOD ST.</i></b>	<b><i>1/2 - 1 N</i></b>	<b><i>Z134</i></b>	<b><i>131</i></b>
ZERO WASTE SYSTEMS INC	1450 32ND STREET	1/2 - 1 NNE	AF160	154
SUTTA RECYCLING	3401 WOOD STREET	1/2 - 1 N	AG161	155
THOMAS A. SHORT COMPANY	3430 WOOD STREET	1/2 - 1 N	AI172	164
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC OAKLAND	1707 WOOD STREET	1/4 - 1/2NW	L51	54
MICRONESIAN CARGO INTERNATIONA	955 7TH STREET	1/2 - 1 SSW	90	94
<b><i>CONTAINER FREIGHT</i></b>	<b><i>1285 5TH ST</i></b>	<b><i>1/2 - 1 S</i></b>	<b><i>100</i></b>	<b><i>104</i></b>
SMILO CHEMICAL COMPANY	500 KIRKHAM STREET	1/2 - 1 SSW	103	105
MARBLE TECHNICS WEST	1035 7TH STREET	1/2 - 1 SSE	V111	109
OAKLAND MAIN POST OFFICE PARKI	1675 7TH STREET	1/2 - 1 SW	113	112
CHANG'S AUTOMOTIVE	1009 7TH STREET	1/2 - 1 SSE	114	113
<b><i>CONDOR FREIGHT LINE</i></b>	<b><i>324 UNION ST</i></b>	<b><i>1/2 - 1 S</i></b>	<b><i>W118</i></b>	<b><i>116</i></b>
<b><i>SOUTHERN PACIFIC TRANS CO</i></b>	<b><i>1401 3RD ST</i></b>	<b><i>1/2 - 1 SSW</i></b>	<b><i>X122</i></b>	<b><i>118</i></b>
<b><i>DC METALS</i></b>	<b><i>1414 3RD ST</i></b>	<b><i>1/2 - 1 SSW</i></b>	<b><i>X123</i></b>	<b><i>119</i></b>
B & A AUTO DISMANTLERS	1823 SHOREY STREET	1/2 - 1 WSW	130	126
SMITH'S WRECKING YARD	1600 3RD STREET	1/2 - 1 SW	131	127
OLD OAKLAND FIRE HOUSE 3	727 PINE STREET	1/2 - 1 WSW	136	134
PHOENIX 800 PROPERTY	800 CEDAR STREET	1/2 - 1 WSW	137	135

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHURCH'S FRIED CHICKEN	1766 7TH STREET	1/2 - 1 WSW	AA141	140
PHOENIX 766 PROPERTY	766 CEDAR STREET	1/2 - 1 WSW	AB143	141
SHEREX CHEMICAL COMPANY (MIDDLE)	1401 MIDDLE HARBOR ROAD	1/2 - 1 S	AC151	146
<b>WILFRED'S AUTO WRECKING</b>	<b>7TH ST (1834)</b>	<b>1/2 - 1 WSW</b>	<b>155</b>	<b>151</b>
PHOENIX 524 PROPERTY	524 CEDAR STREET	1/2 - 1 WSW	AH166	161
CAL-EAST FOODS	505 CEDAR STREET	1/2 - 1 WSW	AH167	162
VACANT BUILDING ON 5TH STREET	1851 5TH STREET	1/2 - 1 WSW	AH169	163

**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 comes 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 11 Notify 65 sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>NABISCO BRANDS, INC.</b>	<b>1267 14TH STREET</b>	<b>1/8 - 1/4 SE</b>	<b>D18</b>	<b>24</b>
NED CLYDE CONSTRUCTION YARD	2311 ADELIN STREET	1/4 - 1/2 NE	N65	62
<b>KANTOR'S FURNITURE</b>	<b>2525 CYPRESS</b>	<b>1/2 - 1 N</b>	<b>95</b>	<b>98</b>
C. E. TOLAND & SON, INC.	2635 PERALTA	1/2 - 1 NNE	96	101
NONE	1229 28TH	1/2 - 1 NNE	115	113
LINDFORD AIR & REFRIGERATION	2850 POPLAR	1/2 - 1 NNE	Y126	125
<b>LINDFORD AIR &amp; REFRIGERATION</b>	<b>2850 POPLAR</b>	<b>1/2 - 1 NNE</b>	<b>Y127</b>	<b>125</b>
NOT REPORTED	958 28TH STREET	1/2 - 1 NE	150	146

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TAYLOR ROOF STRUCTURES	1769 13TH STREET	1/4 - 1/2 W	79	79
<b>EAST BAY FORD TRUCK</b>	<b>333 FIBERT ST</b>	<b>1/2 - 1 SSE</b>	<b>139</b>	<b>137</b>
<b>MARINE TERMINAL</b>	<b>1195 MARITIME</b>	<b>1/2 - 1 WNW</b>	<b>AJ178</b>	<b>169</b>

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

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 31 CHMIRS sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NOT REPORTED	1400 POPLER ST	0 - 1/8 SE	8	18
NOT REPORTED	1420 12TH ST.	1/8 - 1/4 SW	33	35
NOT REPORTED	1655 17TH STREET	1/8 - 1/4 NW	H34	36
NOT REPORTED	2000 PERALTA F/O	1/8 - 1/4 N	38	36
NOT REPORTED	2221 UNION STREET	1/4 - 1/2 NE	55	56
NOT REPORTED	2323 POPULAR ST ACROSS	1/4 - 1/2 NNE	60	59
NOT REPORTED	2319 MAGNOLIA STREET	1/4 - 1/2 NE	78	78
NOT REPORTED	2600 UNION	1/2 - 1 NNE	97	101
NOT REPORTED	2600 CAMPBELL	1/2 - 1 N	S101	105
NOT REPORTED	2600 CAMPBELL	1/2 - 1 N	S102	105
NOT REPORTED	2526 WOOD STREET	1/2 - 1 N	U109	107
NOT REPORTED	1420 32 ST.	1/2 - 1 NNE	170	164
NOT REPORTED	3265 LOUISE STREET	1/2 - 1 NNE	176	168

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NOT REPORTED	30TH STREET / SAN PABLO	1/2 - 1 NE	181	172
NOT REPORTED	3455 ETTIE STREET	1/2 - 1 N	182	172
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NOT REPORTED	1706 WOOD STREET	1/4 - 1/2NW	L49	53
NOT REPORTED	2001 WOOD ST.	1/4 - 1/2NNW	64	62
NOT REPORTED	925 WILLOW COURT	1/2 - 1 WSW	91	95
NOT REPORTED	1111 PINE ST. / AREA OF	1/2 - 1 W	94	98
NOT REPORTED	1830 10TH STREET	1/2 - 1 W	T105	107
NOT REPORTED	A/O 5TH / MAGNOLIA	1/2 - 1 S	107	107
NOT REPORTED	1550 3RD STREET	1/2 - 1 SW	129	126
NOT REPORTED	1800 GOSS	1/2 - 1 WSW	133	130
NOT REPORTED	CLAY / EMBARCADERO WE	1/2 - 1 S	145	142
NOT REPORTED	F/O 1700 CASTRO STREET	1/2 - 1 ESE	147	145
NOT REPORTED	1395 MIDDLE HARBOR ROAD	1/2 - 1 S	AC149	145
NOT REPORTED	785 7TH STREET	1/2 - 1 SE	AE158	153
NOT REPORTED	601 11 ST	1/2 - 1 SE	177	169
NOT REPORTED	NORTH 880 AT 980	1/2 - 1 SE	AK179	172
NOT REPORTED	1195 MARITIME	1/2 - 1 WNW	AJ180	172
NOT REPORTED	50 MARTIN LUTHER KING J	1/2 - 1 SE	AK183	173

**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 12/31/1994 has revealed that there are 52 Cortese sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DALVIN PAINT</b>	<b>14TH ST (1401)</b>	<b>0 - 1/8 SW</b>	<b>C7</b>	<b>16</b>
NABISCO BRANDS, INC	14TH ST (1267)	1/8 - 1/4SE	D13	22
<b>SABEK VACANT LOT</b>	<b>14TH ST (1230)</b>	<b>1/8 - 1/4 SE</b>	<b>F28</b>	<b>29</b>
DON'S PLUMBING	17TH ST (1655)	1/8 - 1/4NW	H36	36
PG&E	PERALTA ST (2121)	1/4 - 1/2N	K45	50
AIRBORNE EXPRESS	ADELIN ST (1960)	1/4 - 1/2ENE	47	51
SAFETY KLEEN	10TH ST N. (1147)	1/4 - 1/2SSE	59	59
ROBIDEAUX PROPERTY	GRAND AVE W. (1700)	1/4 - 1/2N	O70	69
JORGENSEN STEEL & ALUMINUM	GRAND AVE W. (1699)	1/4 - 1/2N	O71	69
<b>CLARKE &amp; CRAMER, INC</b>	<b>KIRKHAM ST (2500)</b>	<b>1/4 - 1/2NNE</b>	<b>73</b>	<b>69</b>
ZELLERBACH OAKLAND FACILITY	WILLOW ST (2230)	1/4 - 1/2N	O75	75
LDS TRUCKING	WOOD ST (2233)	1/2 - 1 NNW	R88	93
<b>E Z REST PRODUCTS</b>	<b>ADELIN ST (2528)</b>	<b>1/2 - 1 NE</b>	<b>98</b>	<b>101</b>
<b>C.E. TOLAND &amp; SON</b>	<b>PERALTA ST (2635)</b>	<b>1/2 - 1 NNE</b>	<b>99</b>	<b>103</b>
B & P DISMANTLERS	WOOD ST (2525)	1/2 - 1 N	U108	107
JT TRUCKING	CYPRESS ST (2818)	1/2 - 1 N	124	122
<b>WAREHAM PROPERTY</b>	<b>CYPRESS ST (2855)</b>	<b>1/2 - 1 N</b>	<b>125</b>	<b>123</b>
LINFORD AIR & REFRIGERATION	POPLAR (2850)	1/2 - 1 NNE	Y128	126
GENERAL TRANSPORTATION	WOOD ST (3211)	1/2 - 1 N	Z135	134
WELLS FARGO	WEST AVE (2085)	1/2 - 1 E	138	136
<b>FYNE PROPERTY</b>	<b>GRAND AVE W. (774)</b>	<b>1/2 - 1 E</b>	<b>146</b>	<b>142</b>
CALIFORNIA ELECTRIC CO	ADELIN ST (3015)	1/2 - 1 NE	154	151



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ZERO WASTE SYSTEMS INC	32ND ST (1450)	1/2 - 1 NNE	AF159	154
<b>SUTTA RECYCLING</b>	<b>WOOD ST (3401)</b>	<b>1/2 - 1 N</b>	<b>AG162</b>	<b>156</b>
THOMAS A. SHORT COMPANY	WOOD ST (3430)	1/2 - 1 N	AI173	166
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BASF CORPORATION</b>	<b>1545 WILLOW ST</b>	<b>1/4 - 1/2 WNW</b>	<b>J42</b>	<b>42</b>
SOUTHERN PACIFIC	WOOD ST (1399)	1/4 - 1/2 WNW	M56	56
CHEVRON	7TH ST (1395)	1/4 - 1/2 S	Q85	92
ALL MERCEDES DISMANTLERS	7TH (1225)	1/2 - 1 S	92	95
<b>RELIABLE HANDI CAB</b>	<b>7TH ST (1520)</b>	<b>1/2 - 1 SW</b>	<b>93</b>	<b>95</b>
ARCO	10TH ST (1820)	1/2 - 1 W	T104	107
PENNZOIL GAS STATION	GRAND AVE (2015)	1/2 - 1 NNW	106	107
<b>VEND MART PROPERTY</b>	<b>7TH ST (1035)</b>	<b>1/2 - 1 SSE</b>	<b>V112</b>	<b>109</b>
CONDOR FREIGHT	UNION ST (324)	1/2 - 1 S	W116	113
<b>CONDOR FREIGHT LINES</b>	<b>UNION ST (324)</b>	<b>1/2 - 1 S</b>	<b>W117</b>	<b>114</b>
GOODYEAR TIRE & RUBBER	7TH ST (985)	1/2 - 1 SSE	119	117
ROBO'S JUNKYARD	KIRKHAM / 3RD ST (NO	1/2 - 1 SSW	121	118
<b>NORCAL METAL FABRICATORS</b>	<b>3RD ST (1121)</b>	<b>1/2 - 1 S</b>	<b>132</b>	<b>128</b>
CHURCH'S FRIED CHICKEN	7TH ST (1766)	1/2 - 1 WSW	AA140	140
PHOENIX PROPERTIES	CEDAR ST (766)	1/2 - 1 WSW	AB142	141
PACIFIC DRY DOCK	EMBARCADERO (1441)	1/2 - 1 SSW	144	142
PORT OF OAKLAND/APL CONTAINER	MIDDLE HARBOR RD (1395)	1/2 - 1 S	AC148	145
SAFETY-KLEEN CORP.	MARKET ST (404)	1/2 - 1 SSE	AD153	151
<b>WILFRED'S AUTO WRECKING</b>	<b>7TH ST (1834)</b>	<b>1/2 - 1 WSW</b>	<b>155</b>	<b>151</b>
CHEVRON	7TH ST (785)	1/2 - 1 SE	AE156	152
<b>MARINE TERMINALS CORP</b>	<b>MARKET ST (333)</b>	<b>1/2 - 1 SSE</b>	<b>163</b>	<b>156</b>
<b>OAKLAND COMMUNITY DEVELOPMENT</b>	<b>15TH ST (690)</b>	<b>1/2 - 1 ESE</b>	<b>164</b>	<b>158</b>
PHOENIX PROPERTIES	CEDAR ST (524)	1/2 - 1 WSW	AH165	161
CAL-EAST FOODS	CEDAR ST (505)	1/2 - 1 WSW	AH168	163
LIPS PROPELLERS	7TH ST (1899)	1/2 - 1 WSW	171	164
<b>ALLIED POULTRY</b>	<b>CLAY ST (333)</b>	<b>1/2 - 1 SSE</b>	<b>174</b>	<b>166</b>
SOUTHERN PACIFIC-DESERT YARD	BAY ST (515)	1/2 - 1 WSW	175	168

**TOXIC PITS:** The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data comes from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there are 2 Toxic Pits sites within approximately 1 Mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SP, W.OAKLAND YARD-(WASHWATER)	1707 WOOD STREET	1/4 - 1/2 NW	L50	54
SP, W.OAKLAND YD.-(OILY WASTE)	1707 WOOD STREET	1/4 - 1/2 NW	L54	55

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

A review of the CORRACTS list, as provided by EDR, and dated 12/01/1996 has revealed that there are 2 CORRACTS sites within approximately 1 Mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SAFETY KLEEN CORP 7 178 01</b>	<b>404 MARKET ST</b>	<b>1/2 - 1 SSE</b>	<b>AD152</b>	<b>147</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FRANCIS PLATING OF OAKLAND INC</i>	<i>785 7TH ST</i>	<i>1/2 - 1 SE</i>	<i>AE157</i>	<i>152</i>

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

A review of the LUST list, as provided by EDR, and dated 04/01/1997 has revealed that there are 38 LUST sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>BLAKE PROPERTIES</i>	<i>1350 16TH ST</i>	<i>0 - 1/8 E</i>	<i>B3</i>	<i>13</i>
<i>CONTAINER CARE</i>	<i>1350 16TH ST</i>	<i>0 - 1/8 E</i>	<i>B4</i>	<i>15</i>
<i>DALVIN PAINT</i>	<i>14TH ST (1401)</i>	<i>0 - 1/8 SW</i>	<i>C7</i>	<i>16</i>
<i>NABISCO BRANDS INC</i>	<i>1267 14TH ST</i>	<i>1/8 - 1/4SE</i>	<i>D11</i>	<i>20</i>
<i>COMM AIR</i>	<i>1266 14TH ST</i>	<i>1/8 - 1/4SE</i>	<i>D14</i>	<i>22</i>
<i>NABISCO BRANDS, INC.</i>	<i>1267 14TH STREET</i>	<i>1/8 - 1/4SE</i>	<i>D18</i>	<i>24</i>
<i>CADEMARTORI TRUCKING, INC.</i>	<i>1833 PERALTA STREET</i>	<i>1/8 - 1/4NNW</i>	<i>E24</i>	<i>25</i>
<i>CADOMARTORI TRUCKING CO.</i>	<i>1833 PERALTA ST</i>	<i>1/8 - 1/4NNW</i>	<i>E25</i>	<i>28</i>
<i>SABEK VACANT LOT</i>	<i>14TH ST (1230)</i>	<i>1/8 - 1/4SE</i>	<i>F28</i>	<i>29</i>
<i>VACANT LOT/ SABEK, INC.</i>	<i>1230 14TH ST</i>	<i>1/8 - 1/4SE</i>	<i>F29</i>	<i>32</i>
<i>PACIFIC PIPE CO</i>	<i>1901 POPLAR ST</i>	<i>1/8 - 1/4NE</i>	<i>G31</i>	<i>33</i>
<i>GARDINER PROPERTY</i>	<i>1920 UNION ST</i>	<i>1/4 - 1/2NE</i>	<i>I39</i>	<i>37</i>
<i>GARDINER MFG. CO.</i>	<i>1920 UNION ST</i>	<i>1/4 - 1/2NE</i>	<i>I40</i>	<i>39</i>
<i>PG &amp; E</i>	<i>2121 PERALTA ST</i>	<i>1/4 - 1/2N</i>	<i>K44</i>	<i>47</i>
<i>EAST BAY MUNICIPAL UTIL DIST</i>	<i>1200 21ST ST</i>	<i>1/4 - 1/2NE</i>	<i>46</i>	<i>50</i>
<i>EBMUD</i>	<i>2130 ADELIN ST</i>	<i>1/4 - 1/2ENE</i>	<i>58</i>	<i>56</i>
<i>FRANK'S TIRE SERVICE</i>	<i>1115 21ST ST</i>	<i>1/4 - 1/2ENE</i>	<i>61</i>	<i>59</i>
<i>JORGENSEN STEEL &amp; ALUMINUM</i>	<i>1699 W GRAND AVE</i>	<i>1/4 - 1/2N</i>	<i>O67</i>	<i>63</i>
<i>WILLS FREIGHT LIN, INC.</i>	<i>1700 W. GRAND AVE.</i>	<i>1/4 - 1/2N</i>	<i>O68</i>	<i>65</i>
<i>JORGENSEN &amp; ALUMINUM</i>	<i>1699 W GRAND AVE</i>	<i>1/4 - 1/2N</i>	<i>O69</i>	<i>69</i>
<i>WALKER'S CONCRETE, I</i>	<i>2400 PERALTA STREET</i>	<i>1/4 - 1/2NNE</i>	<i>72</i>	<i>69</i>
<i>CLARKE &amp; CRAMER, INC</i>	<i>KIRKHAM ST (2500)</i>	<i>1/4 - 1/2NNE</i>	<i>73</i>	<i>69</i>
<i>ZELLERBACH PAPER CO.</i>	<i>2230 WILLOW ST.</i>	<i>1/4 - 1/2N</i>	<i>O74</i>	<i>72</i>
<i>CROWN ZELLERBACH</i>	<i>2230 WILLOW ST</i>	<i>1/4 - 1/2N</i>	<i>O76</i>	<i>76</i>
<i>PACIFIC CRYOGENICS</i>	<i>2311 MAGNOLIA ST</i>	<i>1/4 - 1/2NE</i>	<i>N77</i>	<i>76</i>
<i>FINDLEY ADHESIVES INC</i>	<i>2433 POPLAR ST</i>	<i>1/4 - 1/2NNE</i>	<i>80</i>	<i>79</i>
<i>NED CLYDE CONSTRUCTION</i>	<i>2311 ADELIN ST</i>	<i>1/4 - 1/2NE</i>	<i>81</i>	<i>82</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DOYLE PROPERTY</i>	<i>1518 12TH ST</i>	<i>1/4 - 1/2WSW</i>	<i>41</i>	<i>39</i>
<i>BASF CORPORATION</i>	<i>1545 WILLOW ST</i>	<i>1/4 - 1/2WNW</i>	<i>J42</i>	<i>42</i>
<i>UTILITY TRUCK BODIES</i>	<i>1530 WOOD ST</i>	<i>1/4 - 1/2WNW</i>	<i>48</i>	<i>51</i>
<i>ROADWAY EXPRESS, INC. 811</i>	<i>1708 WOOD ST.</i>	<i>1/4 - 1/2NW</i>	<i>L53</i>	<i>55</i>
<i>SOUTHERN PACIFIC TRANS. CO.</i>	<i>1399 WOOD ST</i>	<i>1/4 - 1/2WNW</i>	<i>M57</i>	<i>56</i>
<i>TAYLOR ROOF STRUCTURES</i>	<i>1746 13TH ST</i>	<i>1/4 - 1/2W</i>	<i>62</i>	<i>59</i>
<i>ARMORED TRANSPORT</i>	<i>1333 8TH ST</i>	<i>1/4 - 1/2S</i>	<i>63</i>	<i>62</i>
<i>FORMER SIGNAL SERVICE STATION</i>	<i>800 CENTER ST</i>	<i>1/4 - 1/2SSW</i>	<i>66</i>	<i>63</i>
<i>KELLY'S TRUCK REPAIR</i>	<i>1390 7TH ST</i>	<i>1/4 - 1/2S</i>	<i>Q83</i>	<i>87</i>
<i>CHEVRON</i>	<i>1395 7TH ST</i>	<i>1/4 - 1/2S</i>	<i>Q84</i>	<i>90</i>
<i>TRUCKER'S FRIEND</i>	<i>1395 7TH ST</i>	<i>1/4 - 1/2S</i>	<i>Q86</i>	<i>92</i>

## EXECUTIVE SUMMARY

**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 comes from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 UST sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MC KINNEY SERVICE	1600 PERALTA ST	1/8 - 1/4 WNW	10	20
NABISCO BRANDS	1267 14TH STREET	1/8 - 1/4 SE	D16	23
CARRON AIR	1266 14TH ST.	1/8 - 1/4 SE	D17	23
GAUCHAO TRUCK STOP	1532 PERALTA ST	1/8 - 1/4 W	20	25
SASSOON-SCHERMAN FIBERS CO.	1800 PERALTA ST.	1/8 - 1/4 NNW	E21	25
<b>CADEMARTORI TRUCKING, INC.</b>	<b>1833 PERALTA STREET</b>	<b>1/8 - 1/4 NNW</b>	<b>E24</b>	<b>25</b>
SABEK, INC.	1230 14TH STREET	1/8 - 1/4 SE	F26	29
AMERICAN STEEL	1901 POPLAR ST.	1/8 - 1/4 NE	G30	32

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

A review of the Ca. FID list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 Ca. FID sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SASSOON-SCHERMAN FIBERS CO.	1800 PERALTA ST	1/8 - 1/4 NNW	E22	25
CADEMARTORI TRUCKING, INC.	1833 PERALTA ST	1/8 - 1/4 NNW	E23	25
AMERICAN STEEL	1901 POPLAR ST	1/8 - 1/4 NE	G32	35

**HAZNET:** The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/1995 has revealed that there are 6 HAZNET sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CAL TRANS	14TH ST / MANDELA PARKW	0 - 1/8 SW	C6	16
AMTECH LIGHTING SERVICES	1266 14TH ST	1/8 - 1/4 SE	D12	22
<b>AMTECH LIGHTING SERVICES</b>	<b>1266 14TH STREET</b>	<b>1/8 - 1/4 SE</b>	<b>D15</b>	<b>23</b>
SABEK INC	1230 14TH ST	1/8 - 1/4 SE	F27	29
<b>PACIFIC PIPE CO</b>	<b>1901 POPLAR ST</b>	<b>1/8 - 1/4 NE</b>	<b>G31</b>	<b>33</b>
ACME GALVANIZING CO#	1655 17TH ST	1/8 - 1/4 NW	H37	36

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

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/01/1997 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WORLD SAVINGS AND LOAN</b>	<b>1610 KIRKHAM ST</b>	<b>0 - 1/8 E</b>	<b>B5</b>	<b>16</b>

## EXECUTIVE SUMMARY

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

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/01/1997 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ALTA PLATING &amp; CHEM CORP</i>	<i>1732 PERALTA ST</i>	<i>1/8 - 1/4 NW</i>	<i>19</i>	<i>24</i>
<i>ACME GALVANIZING CO</i>	<i>1655 17TH ST</i>	<i>1/8 - 1/4 NW</i>	<i>H35</i>	<i>36</i>

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

A review of the CA SLIC list, as provided by EDR, has revealed that there are 2 CA SLIC sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NORTHWESTERN VENETIAN BLIND SU</i>	<i>1218 24TH ST</i>	<i>1/4 - 1/2 NE</i>	<i>P82</i>	<i>85</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>INMONT CORPORATION</i>	<i>1545 WILLOW ST</i>	<i>1/4 - 1/2 WNW</i>	<i>J43</i>	<i>45</i>

**BEP:** Bond Expenditure Plan comes from the Department of Health Services.

A review of the Ca. BEP list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 Ca. BEP site within approximately 1 Mile of the subject property.

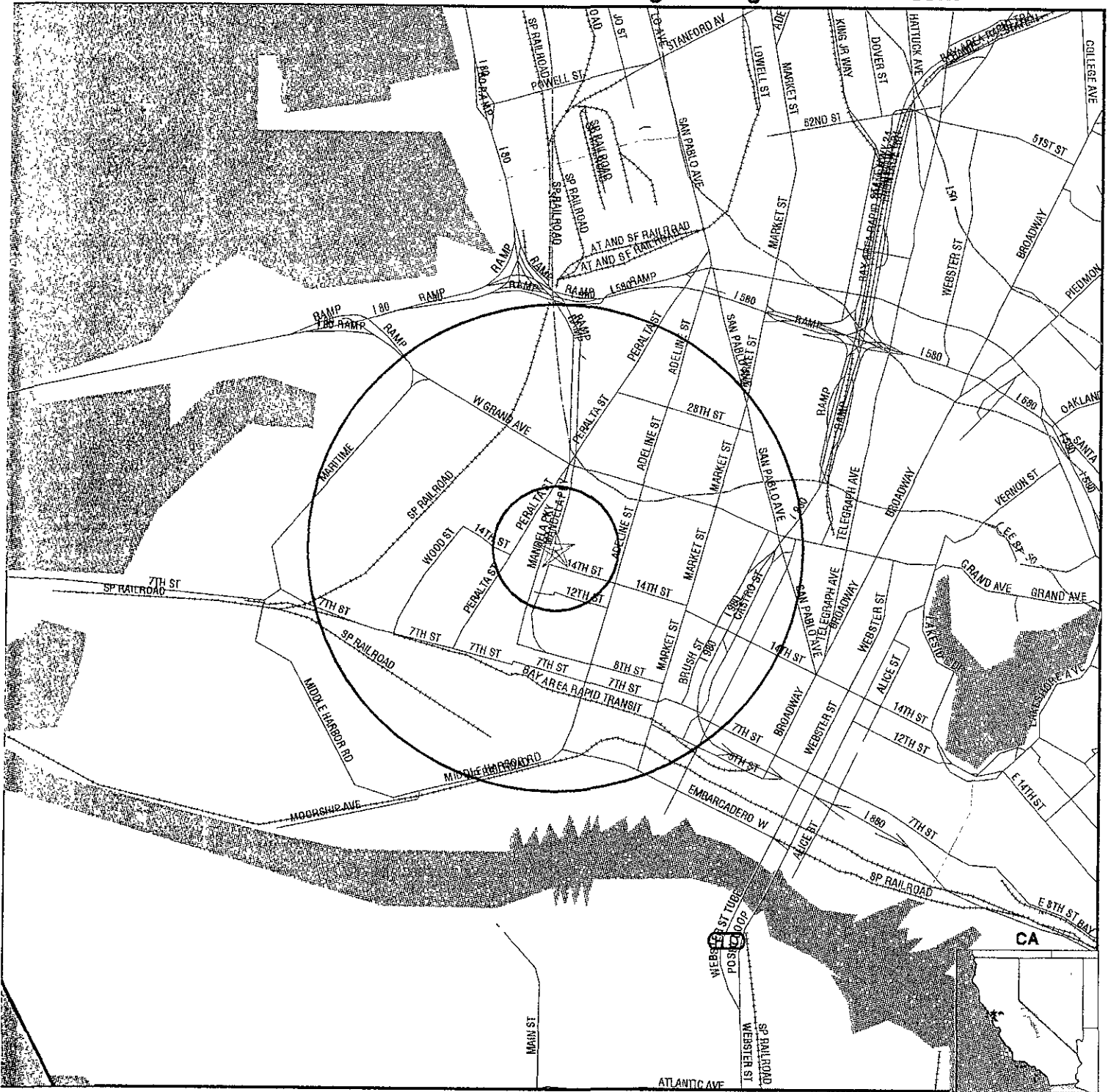
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>SOUTHERN PACIFIC TRANSPORTATIO</i>	<i>1707 WOOD STREET</i>	<i>1/4 - 1/2 NW</i>	<i>L52</i>	<i>55</i>

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN PACIFIC - DESERT RAILYARD	AWP, Cal-Sites
SOUTHERN PACIFIC -WEST OAKLAND RAI	AWP, Cal-Sites
DOLSBY HARD CHROME	S Bay Reg. 2, CA SLIC, Cal-Sites
WESTERN PACIFIC RAILROAD	Cal-Sites
FORMER HALL PROPERTY	Cal-Sites
CITY OF OAKLAND HOUSING AUTH	Cortese, S Bay Reg. 2, LUST
VANCANT LOT	LUST
VANCANT LOT	S Bay Reg. 2, LUST
NORCAL METAL FABRICATORS	LUST, S Bay Reg. 2, LUST
KANTOR'S DISTRIBUTION CENTER	UST, LUST
COCA COLA ENTERPRISES WEST	S Bay Reg. 2, LUST
PORT OF OAKLAND HANGER L827	S Bay Reg. 2, LUST
MANDELA TRUCKING	LUST
CLAWSON HIGH SCHOOL	S Bay Reg. 2, LUST
SCHINTZER STEEL	FINDS, RCRIS-LQG, UST, Ca. FID,
MANDELA TRUCKING, INC.	UST
A & H TRUCK REPAIR	FINDS, UST, Ca. FID, HAZNET
COMMAIR MECHANICAL SERVICES CO	HAZNET
SCHNITZER STEEL	HAZNET
1X PORT OF OAKLAND	HAZNET
PACIFIC PIPE CO	HAZNET
PACIFIC PIPE CO	HAZNET
J AND A TRUCK RPR	RCRIS-SQG, FINDS
OAK CENTER HOMES INC	FINDS, RCRIS-LQG
SCHNITZER STEEL PRDCTS (HOWARD TER	S Bay Reg. 2, CA SLIC

# TOPOGRAPHIC MAP - 0204528.1r - EA Engineering Science & Tech.



- Major Roads
- Contour Lines
- Waterways
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Federal Wells
- State Wells
- Public Water Supply Wells

Closest Hydrogeological Data

TARGET PROPERTY: Nestle Facility  
 ADDRESS: 1310 14th St  
 CITY/STATE/ZIP: Oakland CA 94607  
 LAT/LONG: 37.8122 / 122.2898

CUSTOMER: EA Engineering Science & Tech.  
 CONTACT: Mr. Doug Oram  
 INQUIRY #: 0204528.1r  
 DATE: October 16, 1997 9:04 am

# GEOCHECK VERSION 2.1 SUMMARY

## TARGET PROPERTY COORDINATES

Latitude (North): 37.812210 - 37° 48' 44.0"  
 Longitude (West): 122.289787 - 122° 17' 23.2"  
 Universal Transverse Mercator: Zone 10  
 UTM X (Meters): 562515.2  
 UTM Y (Meters): 4185012.0

## GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q  
 Era: Cenozoic  
 System: Quaternary  
 Series: Quaternary

## ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

## GROUNDWATER FLOW INFORMATION

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

General Topographic Gradient: General WSW  
 General Hydrogeologic Gradient: No hydrogeologic data available.  
 Site-Specific Hydrogeological Data\*:  
 Search Radius: 2.0 miles  
 Location Relative to TP: 1 - 2 Miles SSE  
 Site Name: Naval Supply Center, Alameda Annex & Facility  
 Site EPA ID Number: CA1170090012  
 Groundwater Flow Direction: Southeast  
 Measured Depth to Water: 5 feet.  
 Hydraulic Connection: Information is not available about the hydraulic connection between aquifer(s) underlying the site.  
 Sole Source Aquifer: No information about a sole source aquifer is available  
 Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS Investigation report(s)

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437122-G3 OAKLAND WEST, CA

## SEARCH DISTANCE RADIUS INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal Database	1.000
State Database	1.000
PWS Database	1.000

## FEDERAL DATABASE WELL INFORMATION

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

# GEOCHECK VERSION 2.1 SUMMARY

## STATE DATABASE WELL INFORMATION

<u>WELL</u> <u>DIRECTION</u>	<u>DISTANCE</u> <u>FROM TP</u>
NO WELLS FOUND	

## PUBLIC WATER SUPPLY SYSTEM INFORMATION (EPA-FRDS)

NO WELLS FOUND

## AREA RADON INFORMATION

EPA Radon Zone for ALAMEDA County: 2 .

Note: Zone 1 indoor average level > 4pCi/L.  
 : Zone 2 indoor average level >= 2pCi/L.  
 : Zone 3 indoor average level < 2pCi/L.

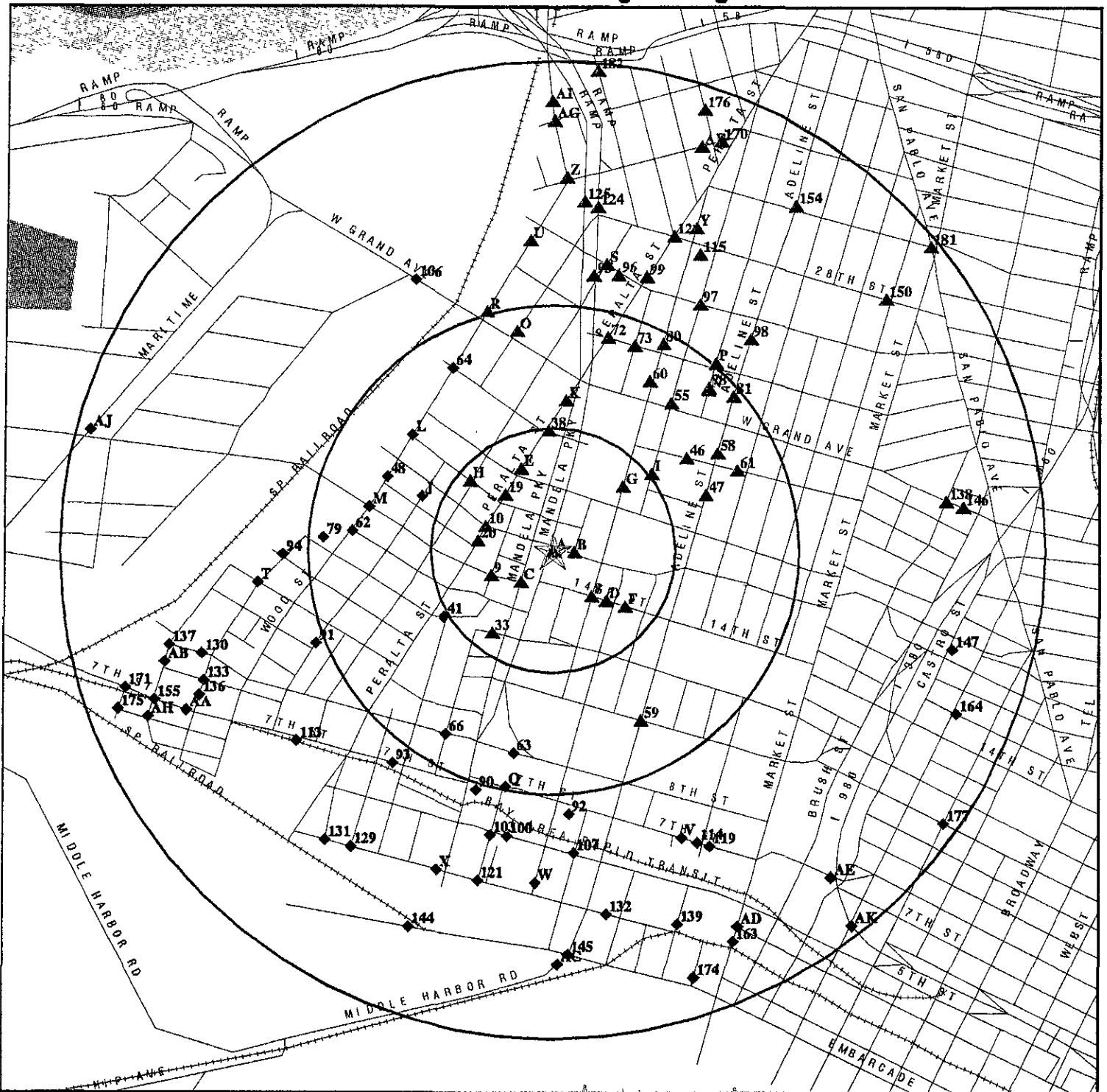
ALAMEDA COUNTY, CA



Number of sites tested: 49




<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

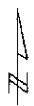
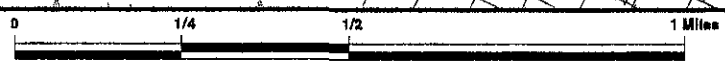


# OVERVIEW MAP - 0204528.1r - EA Engineering Science & Tech.



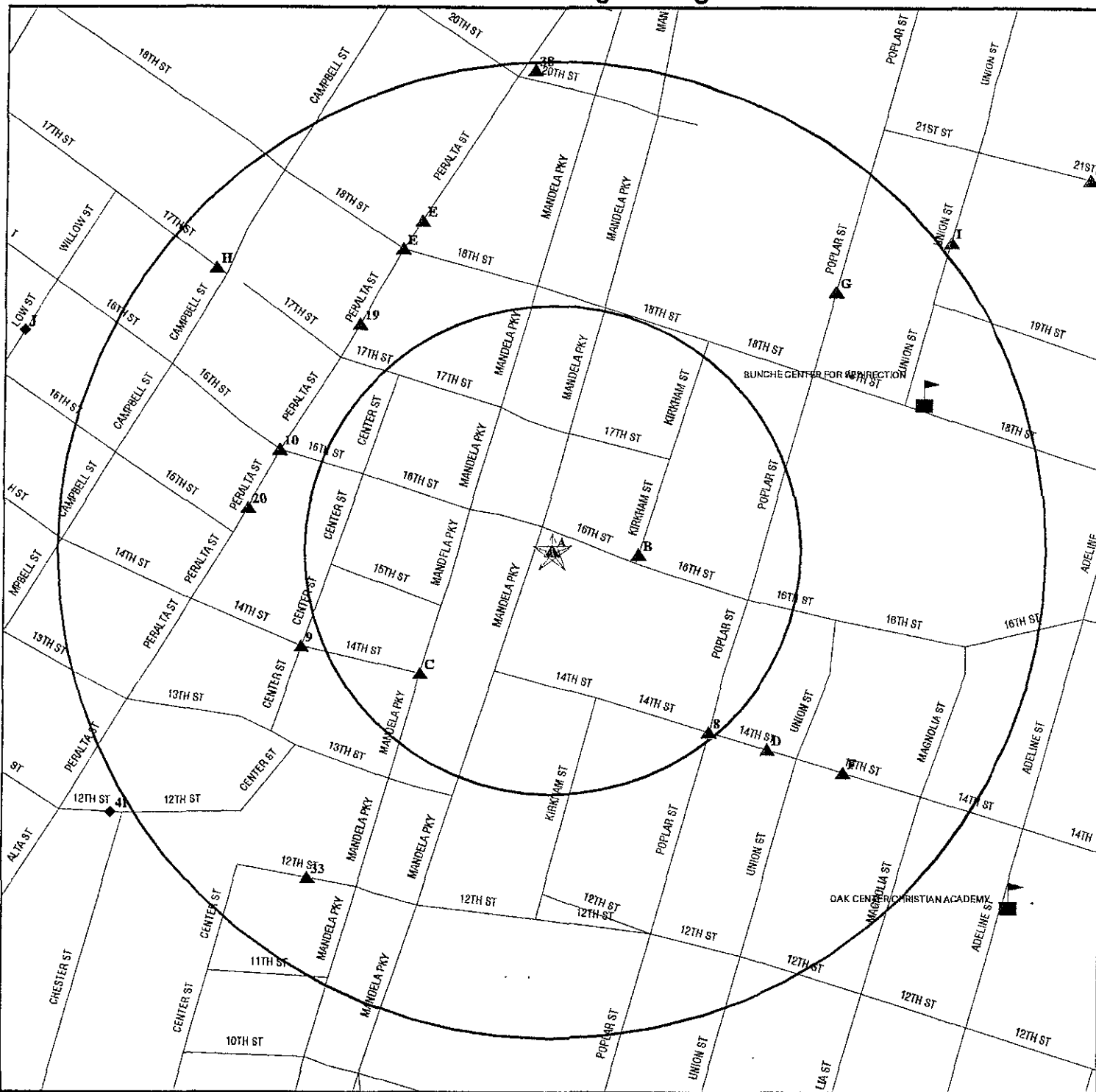
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
-  National Priority List Sites
-  Landfill Sites

-  Power transmission lines
-  Oil & Gas pipelines
-  Wetlands per National Wetlands Inventory (1994)



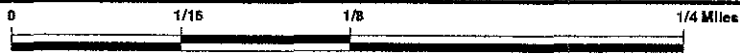
TARGET PROPERTY:	Nestle Facility	CUSTOMER:	EA Engineering Science & Tech.
ADDRESS:	1310 14th St	CONTACT:	Mr. Doug Oram
CITY/STATE/ZIP:	Oakland CA 94607	INQUIRY #:	0204528.1r
LAT/LONG:	37.8122 / 122.2898	DATE:	October 16, 1997 8:56 am

# DETAIL MAP - 0204528.1r - EA Engineering Science & Tech.



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

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines



<b>TARGET PROPERTY:</b> ADDRESS: Nestle Facility CITY/STATE/ZIP: 1310 14th St Oakland CA 94607 LAT/LONG: 37.8122 / 122.2898	<b>CUSTOMER:</b> EA Engineering Science & Tech. <b>CONTACT:</b> Mr. Doug Oram <b>INQUIRY #:</b> 0204528.1r <b>DATE:</b> October 16, 1997 9:02 am
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## MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	1	NR	1
Cal-Sites		1.000	0	1	1	28	NR	30
Delisted Cal-Sites		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	1	2	8	NR	11
CHMIRS		1.000	1	3	5	22	NR	31
Cortese	X	1.000	1	3	10	38	NR	52
Toxic Pits		1.000	0	0	2	0	NR	2
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	2	NR	2
St. Landfill (SWIS)		0.500	0	0	0	NR	NR	0
LUST	X	0.500	3	9	35	NR	NR	47
UST	X	0.250	0	8	NR	NR	NR	8
CA FID	X	0.250	0	3	NR	NR	NR	3
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	1	5	NR	NR	NR	6
RCRIS Sm. Quan. Gen.		0.250	1	0	NR	NR	NR	1
RCRIS Lg. Quan. Gen.	X	0.250	0	2	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	2	NR	NR	2
CA Bond Exp. Plan		1.000	0	0	1	0	NR	1
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
South Bay Region 2	X	TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

**MAP FINDINGS SUMMARY SHOWING  
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	1	0	8	NR	9
Delisted Cal-Sites		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	1	1	6	NR	8
CHMIRS		1.000	1	3	3	8	NR	15
Cortese	X	1.000	1	3	7	14	NR	25
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
St. Landfill (SWIS)		0.500	0	0	0	NR	NR	0
LUST	X	0.500	3	9	21	NR	NR	33
UST	X	0.250	0	8	NR	NR	NR	8
CA FID	X	0.250	0	3	NR	NR	NR	3
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	1	5	NR	NR	NR	6
RCRIS Sm. Quan. Gen.		0.250	1	0	NR	NR	NR	1
RCRIS Lg. Quan. Gen.	X	0.250	0	2	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	1	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
South Bay Region 2	X	TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

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

**A1**      **CARNATION DIARIES**  
**Target**    **1310 14TH ST**  
**Property**   **OAKLAND, CA 94607**

**FINDS**      **1000307618**  
**RCRIS-LQG**   **CAD130171283**  
**UST**  
**Cortese**  
**Ca. FID**  
**HAZNET**  
**LUST**  
**S Bay Reg. 2**  
**LUST**

**RCRIS:**

Owner:            NESTLE S A  
                       (415) 555-1212

Contact:        ENVIRONMENTAL MANAGER  
                       (415) 451-8161

Record Date:    12/11/85

Classification:   Large Quantity Generator, Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**State LUST:**

Case Number:	01-0282	Cross Street:	Not reported
Reg Board:	San Francisco Bay Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Remedial action (cleanup) in progress		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Remove Free Product - remove floating product from water table, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Vapor Extraction		
Review Date:	02/26/1993	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	04/28/1989
Remed Action:	04/03/1990	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	01/19/1989

**LUST Region 2:**

Facility ID:	01-0282	Cross Street:	Not reported
Region:	2	Record Number:	2678
Entered Date:	04/28/1989	Last Review:	02/26/1993
Correspondence:	01/31/1995	Release Date:	01/19/1989
Case Number:	3779	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	01/19/1989
How Stopped:	Close Tank	Stopped Date:	01/19/1989
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Remedial action (cleanup) in progress		
Update Status:	Not reported		
Review Status:	Not reported		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

CARNATION DIARIES (Continued)

1000307618

Case Type: Other ground water or surface water is affected or threatened  
 Primary Substance: Gasoline  
 Secondary Substance: Unleaded Gasoline  
 Maximum Soil Concentration: 38000  
 Maximum Groundwater Impact: Free product in the well  
 Current Benzene in Groundwater: 49000  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: 11  
 Depth to Groundwater: 8  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 01/19/1989  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 1  
 Enforcement Date: Not reported  
 Responsible Party Search: Solvent - identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: Not reported  
 Workplan Submitted: Not reported  
 Assessment Underway: Not reported  
 Pollution Characterization: Not reported  
 Corrective Action Plan: 04/28/1989  
 Remediation Underway: 04/03/1990  
 Monitoring Begun: Not reported  
 Case Closed: Not reported  
 Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.), Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.), Pump and Treat Ground Water, Enhanced Biodegradation, soil or water, Vapor Extraction  
 Comments: 2-3'FP, PCB ALSO .5'FP.9/23 QR;.12/11QR. 9/23 SCR

LUST Alameda County:

Facility ID: 3779 Region: ALAMEDA  
 Inspector: JE Case Closed Date: Not reported  
 Priority: HIGH/Known Impact/Free Product

CORTESE:

Facility ID: 01-000416 Data Source: LTNKA

South Bay Region 2:

Facility ID: 01-0282 Staff: Not reported  
 Case Number: Not reported File Number: Not reported  
 Last Update: Not reported Case Type: Not reported  
 RWQCB Initials: Not reported EPA Contact: Not reported  
 DOHS Initials: Not reported Map Number: Not reported  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: Not reported  
 Discovered Date: Not reported  
 Facility Description: Not reported  
 Phase of Work by Responsible Party: 7  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: Unleaded Gasoline  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARNATION DIARIES (Continued)**

1000307618

Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	8 (Feet)
Maximum Soil Concentration of Contaminates:	38000 (parts per million)
Max Grndwater Concentration of Contaminates:	99999999 (parts per billion)
Benzene:	49000
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization	NOT REPORTED
Comments	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARNATION DIARIES (Continued)**

**1000307618**

**FID:**

Facility ID:	01002256	Regulate ID:	00065866
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	NOT REPORTED	SIC Code:	NOT REPORTED
Status:	Inactive	Facility Tel:	(415) 451-8161
Mail To:	NOT REPORTED		
	P O BOX		
	OAKLAND, CA 94607 - 2297		
Contact:	NOT REPORTED	Contact Tel:	NOT REPORTED
DUNs No:	NOT REPORTED	NPDES No:	NOT REPORTED
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	NOT REPORTED		
Comments:	NOT REPORTED		

**State UST:**

Facility ID:	65866	Container Num:	1955 - 2
Tank Num:	1	Year Installed:	1955
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	REGULAR		
Leak Detection:	Visual	Telephone:	(415) 451-8161
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	7	Other Type:	DAIRY MANUFACTURER
Facility Type:	2		

Facility ID:	65866	Container Num:	1955 - 3
Tank Num:	2	Year Installed:	1955
Tank Capacity:	500		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	WASTE OIL		
Leak Detection:	Visual	Telephone:	(415) 451-8161
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	7	Other Type:	DAIRY MANUFACTURER
Facility Type:	2		

Facility ID:	65866	Container Num:	010637
Tank Num:	3	Year Installed:	1963
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	DIESEL		
Leak Detection:	Visual	Telephone:	(415) 451-8161
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	7	Other Type:	DAIRY MANUFACTURER
Facility Type:	2		

Facility ID:	65866	Container Num:	010627
Tank Num:	4	Year Installed:	1970
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(415) 451-8161
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	7	Other Type:	DAIRY MANUFACTURER
Facility Type:	2		



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

EDR ID Number  
EPA ID Number

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**CARNATION DIARIES (Continued)**

1000307618

Facility ID: 65866 Tank Num: 5 Tank Capacity: 11405 Tank Used for: PRODUCT Type of Fuel: Not Reported Leak Detection: Visual Contact Name: NOT REPORTED Total Tanks: 7 Facility Type: 2	Container Num: 010633 Year Installed: 1947 Tank Constrctn: Not reported Telephone: (415) 451-8161 Region: NOT REPORTED Other Type: DAIRY MANUFACTURER
Facility ID: 65866 Tank Num: 6 Tank Capacity: 10000 Tank Used for: PRODUCT Type of Fuel: REGULAR Leak Detection: Visual Contact Name: NOT REPORTED Total Tanks: 7 Facility Type: 2	Container Num: 1955 - 1 Year Installed: 1955 Tank Constrctn: Not reported Telephone: (415) 451-8161 Region: NOT REPORTED Other Type: DAIRY MANUFACTURER
Facility ID: 65866 Tank Num: 7 Tank Capacity: 12000 Tank Used for: PRODUCT Type of Fuel: DIESEL Leak Detection: Visual Contact Name: NOT REPORTED Total Tanks: 7 Facility Type: 2	Container Num: 010637 - 2 Year Installed: 1977 Tank Constrctn: Not reported Telephone: (415) 451-8161 Region: NOT REPORTED Other Type: DAIRY MANUFACTURER

A2  
Target  
Property

**CARNATION DIARIES**  
1310 14TH ST  
OAKLAND, CA 94607

HAZNET S100931958  
N/A

B3  
East  
< 1/8  
Higher

**BLAKE PROPERTIES**  
1350 16TH ST  
OAKLAND, CA

S Bay Reg. 2 S102425297  
LUST N/A

LUST Region 2:

Facility ID: NOT REPORTED Region: 2 Entered Date: 11/21/1994 Correspondence: 11/04/1994 Case Number: 01NCY0279 How Discovered: Other Means How Stopped: NOT REPORTED Leak Source: Unknown Facility Status: No leak action taken by responsible party after initial report of leak Update Status: NOT REPORTED Review Status: NOT REPORTED Priority: Not reported Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley	Cross Street: NOT REPORTED Record Number: 4506 Last Review: 11/21/1994 Release Date: 11/04/1994 Staff Initial: KLG Discovered Date: 08/29/1994 Stopped Date: 08/29/1994 Leak Cause: Unknown
---	--

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLAKE PROPERTIES (Continued)**

**S102425297**

Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.

Primary Substance: NOT REPORTED  
Secondary Substance: NOT REPORTED  
Maximum Soil Concentration: 1394  
Maximum Groundwater Impact: 0  
Current Benzene in Groundwater: 0  
Maximum Benzene Concentration: 0  
Nuber of Wells: NOT REPORTED  
Depth to Groundwater: NOT REPORTED  
MTBE Contamination Level: 0  
Interim Remediation: NOT REPORTED  
Interim Remediation Date: NOT REPORTED  
Lead Agency: Local Agency  
Case List: NCY  
Enforcement Type: NOT REPORTED  
Enforcement Date: NOT REPORTED  
Responsible Party Search: NOT REPORTED  
Funding: Federal

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed: NOT REPORTED  
Workplan Submitted: NOT REPORTED  
Assessment Underway: NOT REPORTED  
Pollution Characterization: NOT REPORTED  
Corrective Action Plan: NOT REPORTED  
Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED

**LUST Alameda County:**

Facility ID: 262 Region: ALAMEDA  
Inspector: JE Case Closed Date: NOT REPORTED  
Priority: MOD/Water Source/Soil Bad-ReDo

**South Bay Region 2:**

Facility ID: NOT REPORTED Staff: NOT REPORTED  
Case Number: NOT REPORTED File Number: NOT REPORTED  
Last Update: NOT REPORTED Case Type: NOT REPORTED  
RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
Lead: Local Agency (Santa Clara Valley Water District  
Facility Status: NOT REPORTED  
Discovered Date: NOT REPORTED  
Facility Description: NOT REPORTED  
Phase of Work by Responsible Party: 0  
National Priority List: NOT REPORTED  
Primary Substance Spilled: NOT REPORTED  
Secondary Substance Spilled: NOT REPORTED  
Problem Caused by UST: No  
Contaminant Concentration Type (1): NOT REPORTED  
Key Contaminant Concentration (1): NOT REPORTED  
Initial Maximum Concentration (1): NOT REPORTED  
Current Maximum Concentration (1): NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BLAKE PROPERTIES (Continued)**

S102425297

Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	1394 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

B4  
 East  
 < 1/8  
 Higher

**CONTAINER CARE**  
 1350 16TH ST  
 OAKLAND, CA 94607

LUST

S102428290  
 N/A

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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B5 East < 1/8 Higher	<b>WORLD SAVINGS AND LOAN</b> 1610 KIRKHAM ST OAKLAND, CA 94607	<b>RCRIS-SQG</b> <b>FINDS</b>	1000278430 CAD981430564
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RCRIS:

Owner: WORLD SAVINGS AND LOAN  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(415) 446-3248

Record Date: 05/14/86

Classification: Hazardous Waste Transporter

Used Oil Recyc: No

Violation Status: No violations found

C6 SW < 1/8 Higher	<b>CAL TRANS</b> 14TH ST / MANDELA PARKWAY OAKLAND, CA	<b>HAZNET</b>	S100931438 N/A
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C7 SW < 1/8 Higher	<b>DALVIN PAINT</b> 14TH ST (1401) OAKLAND, CA 94607	<b>Cortese</b> <b>S Bay Reg. 2</b> <b>LUST</b>	S101293765 N/A
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State LUST:

Case Number: 01-0473	Cross Street: NOT REPORTED
Reg Board: San Francisco Bay Region	Qty Leaked: NOT REPORTED
Chemical: Mineral Spirits	
Lead Agency: Local Agency	
Case Type: Other ground water affected	
Status: Signed off, remedial action completed or deemed unnecessary	
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site	
Review Date: 09/06/1994	Confirm Leak: 03/00/0000
Workplan: 03/00/0000	Prelim Assess: 06/20/1991
Pollution Char: 03/00/0000	Remed Plan: 03/00/0000
Remed Action: 03/00/0000	Monitoring: 03/00/0000
Close Date: 09/16/1994	Release Date: 12/05/1989

LUST Region 2:

Facility ID: 01-0473	Cross Street: NOT REPORTED
Region: 2	Record Number: 2876
Entered Date: 02/13/1990	Last Review: 09/06/1994
Correspondence: 01/27/1992	Release Date: 12/05/1989
Case Number: 1123	Staff Initial: KLG
How Discovered: Tank Closure	Discovered Date: 11/30/1989
How Stopped: Close Tank	Stopped Date: 12/05/1989
Leak Source: Tank	Leak Cause: Structure Failure
Facility Status: Signed off, remedial action completed or deemed unnecessary	
Update Status: File archived	
Review Status: NOT REPORTED	
Priority: Not reported	
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley	
Case Type: Other ground water or surface water is affected or threatened	
Primary Substance: Mineral Spirits	
Secondary Substance: Misc. Motor Vehicle Fuels	



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**DALVIN PAINT (Continued)**

**S101293765**

Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	11 (Feet)
Maximum Soil Concentration of Contaminates:	410 (parts per million)
Max Grndwater Concentration of Contaminates:	850 (parts per billion)
Benzene:	-1
Maximum Benzene:	1
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

8  
SE  
< 1/8  
Higher

1400 POPLER ST  
OAKLAND, CA 94607

CHMIRS

S100279726  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100279726

CHMIRS:

OES Control Number:	9000198	DOT ID:	1005
DOT Hazard Class:	Gases		
Chemical Name:	AMMONIA		
Extent of Release:	NOT REPORTED		
CAS Number:	NOT REPORTED	Quantity Released:	1000
Environmental Contamination:	Air	Property Use:	Manufacturing
Incident Date:	15-FEB-90	Date Completed:	15-FEB-90

9  
WSW  
1/8-1/4  
Higher

**NEW OAKLAND FIRE STATION #3  
CENTER / 14TH STREET  
OAKLAND, CA 94607**

Cal-Sites

S102008272  
N/A

CAL-SITES:

Facility ID: 01920063  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 12/28/94  
 Status: CERTIFIED  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: CERTIFIED  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: CERTIFIED  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: CERTIFIED  
 Activity: REMOVAL ACTION  
 Activity Status: CERTIFIED  
 Activity: SITE SCREENING  
 Activity Status: CERTIFIED  
 Activity: VCA - COMPLETION  
 Activity Status: CERTIFIED

Background: Part of the Cypress Freeway reconstruction project. Not report  
 Until 1954, the site consisted of 15 lots used for residential and retail/commercial purposes. Not reported. From 1935  
 1951 an automobile repair facility existed on one lot. Not reported. site was acquired by Caltrans in 1954. Not reported. Fill material imported to construct the 14th Street I-880 in the vicinity of the site and the off ramp was removed as part of the reconstruction activities. Not reported. Prior to construction of t new Oakland Fire House 3, Caltrans and the city of Oakland conducted an investigation of the site. Not reported. The investiga showed elevated levels of heavy metals, petroleum hydrocarbons and cyanide in the fill material. Not reported. No cur pathways exist. Not reported. Potential receptors include nearby residents and fire station occupants. Not reported. Beginning in October 1993, Caltrans conducted removal activities and excavated 4500 cubic yards of fill material. Not rep. Confirmation samples were collected and the site was back-filled. Not reported. This site is included in the Caltrans Volunta Cleanup Agreement.

Alternative Name: EW OAKLAND FIRE STATION #3  
 Alternative Addr: CENTER AND 14TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: EW FIRE STATION #3  
 Alternative Addr: CENTER AND 14TH STREET  
 OAKLAND, CA 94607

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW OAKLAND FIRE STATION #3 (Continued)**

S102008272

Alternative Name: YPRESS RECONSTRUCTION  
Alternative Addr: CENTER AND 14TH STREET  
OAKLAND, CA 94607  
Alternative Name: YPRESS FREEWAY/FIRE STATION  
Alternative Addr: CENTER AND 14TH STREET  
OAKLAND, CA 94607  
Comment Date: 12/28/1994  
Comment: Removal action consisted of excavation and off-haul of contaminated soil. Approximately 4500 cubic yards of material was removed. The site was backfilled with soil and baserock.

10  
WNW  
1/8-1/4  
Higher

**MC KINNEY SERVICE**  
1600 PERALTA ST  
OAKLAND, CA 94607

UST

U003159937  
N/A

D11  
SE  
1/8-1/4  
Higher

**NABISCO BRANDS INC**  
1267 14TH ST  
OAKLAND, CA

S Bay Reg. 2  
LUST

S102434115  
N/A

State LUST:

Case Number:	01-1028	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, No Action Required - incident is minor, requiring no remedial action		
Review Date:	09/24/1990	Confirm Leak:	03/00/0000
Workplan:	12/07/1989	Prelim Assess:	04/17/1990
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	11/09/1995	Release Date:	08/02/1988

LUST Region 2:

Facility ID:	01-1028	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3490
Entered Date:	NOT REPORTED	Last Review:	09/24/1990
Correspondence:	01/29/1991	Release Date:	08/02/1988
Case Number:	1249	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	08/02/1988
How Stopped:	Close Tank	Stopped Date:	08/02/1988
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Waste Oil		
Secondary Substance:	Diesel		
Maximum Soil Concentration:	268		
Maximum Groundwater Impact:	Free product in the well		
Current Benzene in Groundwater:	0		



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NABISCO BRANDS INC (Continued)**

S102434115

Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: 12  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 08/02/1988  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: 12/07/1989  
 Assessment Underway: 04/17/1990  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 11/09/1995  
 Abatement: Excavate and Dispose (landfill) of soil, No Action Required  
 Comments: CLOSED BY AC HEALTH AGEBCY 6/8/63

**South Bay Region 2:**

Facility ID:	01-1028	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	9		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Waste Oil		
Secondary Substance Spilled:	Diesel		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	12 (Feet)		
Maximum Soil Concentration of Contaminates:	268 (parts per million)		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABISCO BRANDS INC (Continued)**

**S102434115**

Max Grndwater Concentration of Contaminates: 99999999 (parts per billion)  
Benzene: 0  
Maximum Benzene: 0  
Soil Action Needed: NOT REPORTED  
Total of Extraction Flow Rate: NOT REPORTED  
Estimated % of Contaminants Contained: NOT REPORTED  
Contaminant Source: NOT REPORTED  
Contaminant Concentration as of: NOT REPORTED  
Contaminant Concentration (1): NOT REPORTED  
Well or Boring Number (1): NOT REPORTED  
Initial Level Concentration (1): NOT REPORTED  
Current Level Concentration (1): NOT REPORTED  
Contaminant Concentration (2): NOT REPORTED  
Well or Boring Number (2): NOT REPORTED  
Initial Level Concentration (2): NOT REPORTED  
Current Level Concentration (2): NOT REPORTED  
Contaminant Concentration (3): NOT REPORTED  
Well or Boring Number (3): NOT REPORTED  
Initial Level Concentration (3): NOT REPORTED  
Current Level Concentration (3): NOT REPORTED  
Number of Municipal Wells: NOT REPORTED  
Number of Private Wells: NOT REPORTED  
Closure Name: NOT REPORTED  
Closure Date: NOT REPORTED  
Soil Action Needed Start Date: NOT REPORTED  
Soil Action Needed End Date: NOT REPORTED  
Onsite Water Action Needed: NOT REPORTED  
Onsite Water Action Needed Start Date: NOT REPORTED  
Onsite Water Action Needed End Date: NOT REPORTED  
Off Site Water Action Needed: NOT REPORTED  
Off Site Water Action Needed Start Date: NOT REPORTED  
Off Site Water Action Needed End Date: NOT REPORTED  
Estimated % of Contamination Concentration: NOT REPORTED  
Enforcement & Regulatory Action: NOT REPORTED  
Enforcement Action Date: NOT REPORTED  
Immediate Response Actions: NOT REPORTED  
Remediation: NOT REPORTED  
Characterization: NOT REPORTED  
Comments: NOT REPORTED

D12  
SE  
1/8-1/4  
Higher

**AMTECH LIGHTING SERVICES**  
1266 14TH ST  
OAKLAND, CA 94607

HAZNET

S100929525  
N/A

D13  
SE  
1/8-1/4  
Higher

**NABISCO BRANDS, INC**  
14TH ST (1267)  
OAKLAND, CA 94607

Cortese

S101293764  
N/A

CORTESE:

Facility ID: 01-001146

Data Source: LTNKA

D14  
SE  
1/8-1/4  
Higher

**COMM AIR**  
1266 14TH ST  
OAKLAND, CA 94607

LUST

S102428234  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

EDR ID Number  
EPA ID Number

**COMM AIR (Continued)**

**S102428234**

LUST Alameda County:

Facility ID:	3911	Region:	ALAMEDA
Inspector:	JE	Case Closed Date:	NOT REPORTED
Priority:	MOD/Water Source/Soil Bad-ReDo		

D15  
SE  
1/8-1/4  
Higher

**AMTECH LIGHTING SERVICES**  
1266 14TH STREET  
OAKLAND, CA 94607

**FINDS  
HAZNET**

**1000200875  
CAD982332850**

D16  
SE  
1/8-1/4  
Higher

**NABISCO BRANDS**  
1267 14TH STREET  
OAKLAND, CA 94623

**UST**

**U001599543  
N/A**

State UST:

Facility ID:	53463	Container Num:	1
Tank Num:	1	Year Installed:	NOT REPORTED
Tank Capacity:	7937	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 452-0078
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	BAKERY
Contact Name:	NEIL BROOKS		
Total Tanks:	2		
Facility Type:	2		

Facility ID:	53463	Container Num:	2
Tank Num:	2	Year Installed:	NOT REPORTED
Tank Capacity:	7937	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 452-0078
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	BAKERY
Contact Name:	NEIL BROOKS		
Total Tanks:	2		
Facility Type:	2		

D17  
SE  
1/8-1/4  
Higher

**CARRON AIR**  
1266 14TH ST.  
OAKLAND, CA 94607

**UST**

**U001599161  
N/A**

State UST:

Facility ID:	46625	Container Num:	1
Tank Num:	1	Year Installed:	1982
Tank Capacity:	4000	Tank Constrctn:	3/16" inches
Tank Used for:	PRODUCT	Telephone:	(415) 839-1050
Type of Fuel:	UNLEADED	Region:	NOT REPORTED
Leak Detection:	None	Other Type:	NOT REPORTED
Contact Name:	NOT REPORTED		
Total Tanks:	3		
Facility Type:	2		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARRON AIR (Continued)**

**U001599161**

Facility ID:	46625	Container Num:	2
Tank Num:	2	Year Installed:	1982
Tank Capacity:	3000		
Tank Used for:	PRODUCT	Tank Constrctn:	3/16" inches
Type of Fuel:	UNLEADED		
Leak Detection:	None	Telephone:	(415) 839-1050
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	3	Other Type:	NOT REPORTED
Facility Type:	2		
Facility ID:	46625	Container Num:	3
Tank Num:	3	Year Installed:	1982
Tank Capacity:	3000		
Tank Used for:	PRODUCT	Tank Constrctn:	3/16" inches
Type of Fuel:	UNLEADED		
Leak Detection:	None	Telephone:	(415) 839-1050
Contact Name:	NOT REPORTED	Region:	NOT REPORTED
Total Tanks:	3	Other Type:	NOT REPORTED
Facility Type:	2		

D18  
SE  
1/8-1/4  
Higher

**NABISCO BRANDS, INC.**  
1267 14TH STREET  
OAKLAND, CA 92626

**Notify 65  
LUST**

**U000057663  
N/A**

LUST Alameda County:

Facility ID:	1249	Region:	ALAMEDA
Inspector:	CL	Case Closed Date:	06/08/1993
Priority:	HIGH/Fast Action/RP Clos Reqst		

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:	Not Reported		

19  
NW  
1/8-1/4  
Higher

**ALTA PLATING & CHEM CORP**  
1732 PERALTA ST  
OAKLAND, CA 94607

**FINDS  
RCRIS-LQG**

**1000143075  
CAD085849255**

RCRIS:

Owner:	CANSANAY, PERRY; CHEMIST (415) 555-1212
Contact:	ENVIRONMENTAL MANAGER (916) 442-1063
Record Date:	09/02/81
Classification:	Large Quantity Generator, Small Quantity Generator

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site Database(s) EDR ID Number  
EPA ID Number

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**ALTA PLATING & CHEM CORP (Continued)**

1000143075

Used Oil Recyc: No  
Violation Status: No violations found

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20  
West  
1/8-1/4  
Higher

**GAUCHAO TRUCK STOP**  
1532 PERALTA ST  
OAKLAND, CA 94607

UST

U003159936  
N/A

---

E21  
NNW  
1/8-1/4  
Higher

**SASSOON-SCHERMAN FIBERS CO.**  
1800 PERALTA ST.  
OAKLAND, CA 94607

UST

U001599220  
N/A

State UST:

Facility ID:	22390	Container Num:	1
Tank Num:	1	Year Installed:	NOT REPORTED
Tank Capacity:	300	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 465-9700
Type of Fuel:	UNLEADED	Region:	NOT REPORTED
Leak Detection:	None	Other Type:	SECONDARY FIBER
Contact Name:	EVERARDO MARTIN		
Total Tanks:	1		
Facility Type:	2		

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E22  
NNW  
1/8-1/4  
Higher

**SASSOON-SCHERMAN FIBERS CO.**  
1800 PERALTA ST  
OAKLAND, CA 94607

Ca. FID

S101630363  
N/A

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E23  
NNW  
1/8-1/4  
Higher

**CADEMARTORI TRUCKING, INC.**  
1833 PERALTA ST  
OAKLAND, CA 94607

Ca. FID

S101624356  
N/A

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E24  
NNW  
1/8-1/4  
Higher

**CADEMARTORI TRUCKING, INC.**  
1833 PERALTA STREET  
OAKLAND, CA 94607

UST  
S Bay Reg. 2  
LUST

U001599158  
N/A

State LUST:

Case Number:	01-0254	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment workplan submitted		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	10/22/1990	Confirm Leak:	03/00/0000
Workplan:	10/22/1990	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	08/09/1990

LUST Region 2:

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CADEMARTORI TRUCKING, INC. (Continued)**

**U001599158**

Facility ID:	01-0254	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2644
Entered Date:	10/29/1990	Last Review:	10/22/1990
Correspondence:	04/07/1992	Release Date:	08/09/1990
Case Number:	3753	Staff Initial:	KL.G
How Discovered:	Tank Closure	Discovered Date:	08/09/1990
How Stopped:	Close Tank	Stopped Date:	08/09/1990
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Waste Oil
Secondary Substance:	Diesel
Maximum Soil Concentration:	4800
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	NOT REPORTED
Workplan Submitted:	10/22/1990
Assessment Underway:	NOT REPORTED
Pollution Characterization:	NOT REPORTED
Corrective Action Plan:	NOT REPORTED
Remediation Underway:	NOT REPORTED
Monitoring Begun:	NOT REPORTED
Case Closed:	NOT REPORTED

Abatement: No Action Taken

**LUST Alameda County:**

Facility ID:	3753
Inspector:	JE
Priority:	NOT REPORTED

Region:	ALAMEDA
Case Closed Date:	NOT REPORTED

**South Bay Region 2:**

Facility ID:	01-0254
Case Number:	NOT REPORTED
Last Update:	NOT REPORTED
RWQCB Initials:	NOT REPORTED
DOHS Initials:	NOT REPORTED

Staff:	NOT REPORTED
File Number:	NOT REPORTED
Case Type:	NOT REPORTED
EPA Contact:	NOT REPORTED
Map Number:	NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CADEMARTORI TRUCKING, INC. (Continued)**

**U001599158**

Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 3  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Waste Oil  
 Secondary Substance Spilled: Diesel  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED  
 Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: NOT REPORTED  
 Maximum Soil Concentration of Contaminates: 4800 (parts per million)  
 Max Grndwater Concentration of Contaminates: 0 (parts per billion)  
 Benzene: 0  
 Maximum Benzene: 0  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CADEMARTORI TRUCKING, INC. (Continued)**

**U001599158**

Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

State UST:

Facility ID: 60046  
 Tank Num: 1  
 Tank Capacity: 1000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Leak Detection:  
 Contact Name: RICHARD CADEMARTORI  
 Total Tanks: 4  
 Facility Type: 2  
 Container Num: I  
 Year Installed: 1970  
 Tank Constrctn: Not reported  
 Telephone: (415) 465-1996  
 Region: NOT REPORTED  
 Other Type: TRUCKING CO.

Facility ID: 60046  
 Tank Num: 2  
 Tank Capacity: 10000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Leak Detection:  
 Contact Name: RICHARD CADEMARTORI  
 Total Tanks: 4  
 Facility Type: 2  
 Container Num: II  
 Year Installed: 1970  
 Tank Constrctn: Not reported  
 Telephone: (415) 465-1996  
 Region: NOT REPORTED  
 Other Type: TRUCKING CO.

Facility ID: 60046  
 Tank Num: 3  
 Tank Capacity: 0  
 Tank Used for: PRODUCT  
 Type of Fuel: Not Reported  
 Leak Detection: None  
 Contact Name: RICHARD CADEMARTORI  
 Total Tanks: 4  
 Facility Type: 2  
 Container Num: 3  
 Year Installed: NOT REPORTED  
 Tank Constrctn: Not reported  
 Telephone: (415) 465-1996  
 Region: NOT REPORTED  
 Other Type: TRUCKING CO.

Facility ID: 60046  
 Tank Num: 4  
 Tank Capacity: 0  
 Tank Used for: PRODUCT  
 Type of Fuel: Not Reported  
 Leak Detection: None  
 Contact Name: RICHARD CADEMARTORI  
 Total Tanks: 4  
 Facility Type: 2  
 Container Num: 4  
 Year Installed: NOT REPORTED  
 Tank Constrctn: Not reported  
 Telephone: (415) 465-1996  
 Region: NOT REPORTED  
 Other Type: TRUCKING CO.

E25  
NNW  
1/8-1/4  
Higher

**CADOMARTORI TRUCKING CO.**  
 1833 PERALTA ST  
 OAKLAND, CA 94607

**LUST**

**S102426022**  
 N/A



MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F26 SE 1/8-1/4 Higher	SABEK, INC. 1230 14TH STREET OAKLAND, CA 94607	UST	U001599217 N/A
State UST:			
Facility ID: 1546			
Tank Num: 1			
Tank Capacity: 5000			
Tank Used for: PRODUCT			
Type of Fuel: PREMIUM			
Leak Detection: Stock Inventor, Pressure Test			
Contact Name: ANDY SABERI			
Total Tanks: 4			
Facility Type: 1			
Container Num: 1			
Year Installed: NOT REPORTED			
Tank Constrctn: 1/4 gauge			
Telephone: (415) 444-0264			
Region: NOT REPORTED			
Other Type: NOT REPORTED			
Facility ID: 1546			
Tank Num: 2			
Tank Capacity: 5000			
Tank Used for: PRODUCT			
Type of Fuel: UNLEADED			
Leak Detection: Stock Inventor, Pressure Test			
Contact Name: ANDY SABERI			
Total Tanks: 4			
Facility Type: 1			
Container Num: 3			
Year Installed: NOT REPORTED			
Tank Constrctn: 1/4 gauge			
Telephone: (415) 444-0264			
Region: NOT REPORTED			
Other Type: NOT REPORTED			
Facility ID: 1546			
Tank Num: 3			
Tank Capacity: 8000			
Tank Used for: PRODUCT			
Type of Fuel: REGULAR			
Leak Detection: Stock Inventor, Pressure Test			
Contact Name: ANDY SABERI			
Total Tanks: 4			
Facility Type: 1			
Container Num: 4			
Year Installed: NOT REPORTED			
Tank Constrctn: 1/4 inches			
Telephone: (415) 444-0264			
Region: NOT REPORTED			
Other Type: NOT REPORTED			
Facility ID: 1546			
Tank Num: 4			
Tank Capacity: 5000			
Tank Used for: PRODUCT			
Type of Fuel: UNLEADED			
Leak Detection: Stock Inventor, Pressure Test			
Contact Name: ANDY SABERI			
Total Tanks: 4			
Facility Type: 1			
Container Num: 2			
Year Installed: NOT REPORTED			
Tank Constrctn: 1/4 inches			
Telephone: (415) 444-0264			
Region: NOT REPORTED			
Other Type: NOT REPORTED			
F27 SE 1/8-1/4 Higher	SABEK INC 1230 14TH ST OAKLAND, CA 94607	HAZNET	S100872829 N/A
F28 SE 1/8-1/4 Higher	SABEK VACANT LOT 14TH ST (1230) OAKLAND, CA 94607	Cortese S Bay Reg. 2 LUST	S101293763 N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

SABEK VACANT LOT (Continued)

S101293763

State LUST:

Case Number:	01-1825	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/25/1996	Confirm Leak:	07/15/1993
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	06/16/1992

LUST Region 2:

Facility ID:	01-1825	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4296
Entered Date:	10/22/1993	Last Review:	01/25/1996
Correspondence:	02/01/1996	Release Date:	06/16/1992
Case Number:	295	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	NOT REPORTED
How Stopped:	Close Tank	Stopped Date:	NOT REPORTED
Leak Source:	Tank	Leak Cause:	Unknown
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Gasoline
Secondary Substance:	NOT REPORTED
Maximum Soil Concentration:	0
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	No
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	1
Enforcement Date:	07/15/1993
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal
Date Status Was First Assigned -	The following dates are assigned as the status progresses:
Leak Confirmed:	07/15/1993
Workplan Submitted:	NOT REPORTED
Assessment Underway:	NOT REPORTED
Pollution Characterization:	NOT REPORTED
Corrective Action Plan:	NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SABEK VACANT LOT (Continued)**

S101293763

Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED

Abatement: No Action Taken  
 Comments: 13267 LTR REQUESTED BY COUNTY 2/15/94;1994 WRKPLN FOR 4 MW

**CORTESE:**

Facility ID: 01-005166      Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	01-1825	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	1		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Grndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SABEK VACANT LOT (Continued)**

**S101293763**

Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

F29  
SE  
1/8-1/4  
Higher

VACANT LOT/ SABEK, INC.  
1230 14TH ST  
OAKLAND, CA 94607

LUST

S102440794  
N/A

G30  
NE  
1/8-1/4  
Higher

AMERICAN STEEL  
1901 POPLAR ST.  
OAKLAND, CA 94607

UST

U001599148  
N/A

State UST:

Facility ID:	66110	Container Num:	OAK-D-1
Tank Num:	1	Year Installed:	1974
Tank Capacity:	10000	Tank Constrctn:	/4 2 inches
Tank Used for:	WASTE	Telephone:	(415) 451-1680
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	STEEL SERVICE CENTER
Contact Name:	FRANK ERCEG		
Total Tanks:	2		
Facility Type:	2		
Facility ID:	66110	Container Num:	OAK-G-1
Tank Num:	2	Year Installed:	1974
Tank Capacity:	5000	Tank Constrctn:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(415) 451-1680
Type of Fuel:	UNLEADED	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	STEEL SERVICE CENTER
Contact Name:	FRANK ERCEG		
Total Tanks:	2		
Facility Type:	2		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site		Database(s)	EDR ID Number EPA ID Number
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G31  
NE  
1/8-1/4  
Higher

**PACIFIC PIPE CO**  
**1901 POPLAR ST**  
**OAKLAND, CA 94607**

**HAZNET**  
**LUST**  
**S Bay Reg. 2**  
**LUST**

**S100941548**  
**N/A**

State LUST:

Case Number:	01-2048	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	04/11/1995	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	11/07/1995	Release Date:	11/11/1993

LUST Region 2:

Facility ID:	01-2048	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4387
Entered Date:	06/14/1994	Last Review:	04/11/1995
Correspondence:	11/17/1993	Release Date:	11/11/1993
Case Number:	NOT REPORTED	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	10/14/1993
How Stopped:	Close Tank	Stopped Date:	10/14/1993
Leak Source:	Piping	Leak Cause:	Unknown
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	File archived		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	Diesel		
Maximum Soil Concentration:	4900		
Maximum Groundwater Impact:	32		
Current Benzene in Groundwater:	-1		
Maximum Benzene Concentration:	1		
Nuber of Wells:	3		
Depth to Groundwater:	3.88		
MTBE Contamination Level:	0		
Interim Remediation:	No		
Interim Remediation Date:	NOT REPORTED		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned -	The following dates are assigned as the status progresses:		
Leak Confirmed:	NOT REPORTED		
Workplan Submitted:	NOT REPORTED		
Assessment Underway:	NOT REPORTED		
Pollution Characterization:	NOT REPORTED		
Corrective Action Plan:	NOT REPORTED		
Remediation Underway:	NOT REPORTED		
Monitoring Begun:	NOT REPORTED		
Case Closed:	11/07/1995		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PACIFIC PIPE CO (Continued)**

**S100941548**

Abatement: No Action Taken  
 Comments: ARCHIVED 6/6/96 CONTROL NO 120-094

LUST Alameda County:

Facility ID: 939 Region: ALAMEDA  
 Inspector: CL Case Closed Date: 10/24/1995  
 Priority: NOT REPORTED

South Bay Region 2:

Facility ID: 01-2048 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 9  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: Diesel  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED  
 Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: 3.88 (Feet)  
 Maximum Soil Concentration of Contaminates: 4900 (parts per million)  
 Max Grndwater Concentration of Contaminates: 32 (parts per billion)  
 Benzene: -1  
 Maximum Benzene: 1  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC PIPE CO (Continued)**

S100941548

Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

G32  
NE  
1/8-1/4  
Higher

**AMERICAN STEEL**  
**1901 POPLAR ST**  
**OAKLAND, CA 94607**

Ca. FID

S101624349  
N/A

33  
SW  
1/8-1/4  
Same

**1420 12TH ST.**  
**OAKLAND, CA**

CHMIRS

S100278862  
N/A

CHMIRS:

OES Control Number:	8801849	DOT ID:	1993
DOT Hazard Class:	Flammable liquid		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Other		
CAS Number:	NOT REPORTED	Quantity Released:	50
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	07-JUN-88	Date Completed:	07-JUN-88

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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H34 NW 1/8-1/4 Higher	1655 17TH STREET OAKLAND, CA 94607	CHMIRS	S100277940 N/A
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CHMIRS:

OES Control Number:	9118270	DOT ID:	NOT REPORTED
DOT Hazard Class:	Not Reported		
Chemical Name:	LOW PH PLATING CHEMICAL		
Extent of Release:	Release Beyond Property Use of Origin		
CAS Number:	NOT REPORTED	Quantity Released:	500
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	25-JUL-91	Date Completed:	25-JUL-91

H35 NW 1/8-1/4 Higher	ACME GALVANIZING CO 1655 17TH ST OAKLAND, CA 94607	FINDS RCRIS-LQG	1000196786 CAD009108861
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RCRIS:

Owner:	ACME GALVANIZING CO INC (415) 555-1212
Contact:	ENVIRONMENTAL MANAGER (415) 444-8790
Record Date:	01/24/81
Classification:	Large Quantity Generator
Used Oil Recyc:	No
Violation Status:	Violations exist

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Schedule Evaluation (CSE)	Formal Enforcement Agreement	06/10/86
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	06/10/86

H36 NW 1/8-1/4 Higher	DON'S PLUMBING 17TH ST (1655) OAKLAND, CA 94607	Cortese	S101293773 N/A
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CORTESE:

Facility ID:	01-003383	Data Source:	LTNKA
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H37 NW 1/8-1/4 Higher	ACME GALVANIZING CO# 1655 17TH ST OAKLAND, CA 94607	HAZNET	S100854038 N/A
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38 North 1/8-1/4 Higher	2000 PERALTA F/O OAKLAND, CA	CHMIRS	S100217991 N/A
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MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100217991

CHMIRS:

OES Control Number:	8908983	DOT ID:	9189
DOT Hazard Class:	Not Reported		
Chemical Name:	SOLID, NOS		
Extent of Release:	Confined to Vehicle/Equipment		
CAS Number:	111111001	Quantity Released:	NOT REPORTED
Environmental Contamination:	None Reported	Property Use:	Vacant Lot
Incident Date:	02-AUG-89	Date Completed:	02-AUG-89

I39  
NE  
1/4-1/2  
Higher

**GARDINER PROPERTY**  
1920 UNION ST  
OAKLAND, CA

S Bay Reg. 2 S102430607  
LUST N/A

State LUST:

Case Number:	01-0681	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	06/10/1992	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	05/04/1992

LUST Region 2:

Facility ID:	01-0681	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3097
Entered Date:	06/10/1992	Last Review:	06/10/1992
Correspondence:	05/04/1992	Release Date:	05/04/1992
Case Number:	42	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	05/04/1992
How Stopped:	Close Tank	Stopped Date:	05/04/1992
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	4000		
Maximum Groundwater Impact:	0		
Current Benzene in Groundwater:	3300		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	NOT REPORTED		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	NOT REPORTED		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	NOT REPORTED		
Enforcement Date:	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GARDINER PROPERTY (Continued)**

**S102430607**

Responsible Party Search: NOT REPORTED  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: No Action Taken  
 Comments: CNTY LTR ONLY

**LUST Alameda County:**

Facility ID: 42 Region: ALAMEDA  
 Inspector: DK Case Closed Date: NOT REPORTED  
 Priority: NOT REPORTED

**South Bay Region 2:**

Facility ID: 01-0681 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 1  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: NOT REPORTED  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED  
 Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: NOT REPORTED  
 Maximum Soil Concentration of Contaminates: 4000 (parts per million)  
 Max Grndwater Concentration of Contaminates: 0 (parts per billion)  
 Benzene: 3300  
 Maximum Benzene: 0  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**GARDINER PROPERTY (Continued)**

S102430607

Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

140  
NE  
1/4-1/2  
Higher

**GARDINER MFG. CO.**  
1920 UNION ST  
OAKLAND, CA 94607

LUST

S102430606  
N/A

41  
WSW  
1/4-1/2  
Lower

**DOYLE PROPERTY**  
1518 12TH ST  
OAKLAND, CA

S Bay Reg. 2  
LUST

S102428942  
N/A

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DOYLE PROPERTY (Continued)**

**S102428942**

State LUST:

Case Number:	01-0506	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	07/20/1993	Confirm Leak:	03/00/0000
Workplan:	10/19/1990	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	01/25/1997	Release Date:	09/27/1990

LUST Region 2:

Facility ID:	01-0506	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2910
Entered Date:	12/10/1990	Last Review:	07/20/1993
Correspondence:	03/25/1992	Release Date:	09/27/1990
Case Number:	3140	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	09/27/1990
How Stopped:	Close Tank	Stopped Date:	09/27/1990
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Gasoline
Secondary Substance:	NOT REPORTED
Maximum Soil Concentration:	646
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	06/17/1993
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	NOT REPORTED
Workplan Submitted:	10/19/1990
Assessment Underway:	NOT REPORTED
Pollution Characterization:	NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DOYLE PROPERTY (Continued)**

S102428942

Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: Excavate and Dispose (landfill) of soil  
 Comments: REQ CASE CLOSURE 10/8/96

**LUST Alameda County:**

Facility ID: 3140 Region: ALAMEDA  
 Inspector: EC Case Closed Date: NOT REPORTED  
 Priority: HIGH/Fast Action/RP Clos Reqst

**South Bay Region 2:**

Facility ID: 01-0506 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 3  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: NOT REPORTED  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED  
 Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: NOT REPORTED  
 Maximum Soil Concentration of Contaminates: 646 (parts per million)  
 Max Grndwater Concentration of Contaminates: 0 (parts per billion)  
 Benzene: 0  
 Maximum Benzene: 0  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOYLE PROPERTY (Continued)**

**S102428942**

Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

J42  
WNW  
1/4-1/2  
Lower

**BASF CORPORATION**  
**1545 WILLOW ST**  
**OAKLAND, CA 94607**

**FINDS** 1000226859  
**RCRIS-LQG** CAD009122912  
**Cortese**  
**S Bay Reg. 2**  
**LUST**

RCRIS:

Owner: BASF CORPORATION  
 (415) 555-1212  
 Contact: ENVIRONMENTAL MANAGER  
 (415) 451-3330  
 Record Date: 02/24/81  
 Classification: Large Quantity Generator, Small Quantity Generator  
 Used Oil Recyc: No  
 Violation Status: No violations found

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASF CORPORATION (Continued)**

1000226859

State LUST:

Case Number:	01-0152	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Solvents		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	07/24/1990	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	11/04/1994	Release Date:	03/22/1990

LUST Region 2:

Facility ID:	01-0152	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2522
Entered Date:	02/11/1991	Last Review:	07/24/1990
Correspondence:	03/22/1990	Release Date:	03/22/1990
Case Number:	NOT REPORTED	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	03/22/1990
How Stopped:	Close Tank	Stopped Date:	03/22/1990
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	File archived		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Solvents		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	0		
Maximum Groundwater Impact:	42000		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	NOT REPORTED		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	NOT REPORTED		
Lead Agency:	Local Agency Inactive		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	NOT REPORTED		
Funding:	Federal		

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed:	NOT REPORTED
Workplan Submitted:	NOT REPORTED
Assessment Underway:	NOT REPORTED
Pollution Characterization:	NOT REPORTED
Corrective Action Plan:	NOT REPORTED
Remediation Underway:	NOT REPORTED
Monitoring Begun:	NOT REPORTED
Case Closed:	11/04/1994

Abatement: No Action Taken  
Comments: ARCHIVED 6/6/96 CONTROL NO 120-073

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BASF CORPORATION (Continued)**

1000226859

CORTESE:

Facility ID: 01-000269 Data Source: LTNKA

South Bay Region 2:

Facility ID:	01-0152	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local agency is responsible for the cases but the case is not being actively overseen		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	9		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Solvents		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Grndwater Concentration of Contaminates:	42000 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		
Current Level Concentration (2):	NOT REPORTED		
Contaminant Concentration (3):	NOT REPORTED		
Well or Boring Number (3):	NOT REPORTED		
Initial Level Concentration (3):	NOT REPORTED		
Current Level Concentration (3):	NOT REPORTED		



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASF CORPORATION (Continued)**

1000226859

Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

J43  
WNW  
1/4-1/2  
Lower

**INMONT CORPORATION**  
1545 WILLOW ST  
OAKLAND, CA 94607

Ca. FID S101629611  
S Bay Reg. 2 N/A  
CA SLIC

South Bay Region 2:

Facility ID:	01S0359	Staff:	SA
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	NOT REPORTED		
Lead:	Regional Water Quality Board		
Facility Status:	INACTIVE		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	NOT REPORTED		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	NOT REPORTED		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**INMONT CORPORATION (Continued)**

**S101629611**

Max Grndwater Concentration of Contaminates: NOT REPORTED  
 Benzene: NOT REPORTED  
 Maximum Benzene: NOT REPORTED  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**INMONT CORPORATION (Continued)**

S101629611

SLIC Region 2:

Facility ID:	01S0359	Last Site Update:	07/11/1996
Activity Status:	Inactive	Case Engineer:	Sumadhu Arigala
NPL Status:	Undefined	Discovery Date:	NOT REPORTED
Case Type:	NOT REPORTED	Sample Date:	01./)0000
Facility Desc:	NOT REPORTED		
Contamination:	NOT REPORTED		
Comment:	NOT REPORTED		
Contamination Level:		NOT REPORTED	
Number of Municipal Wells Contaminated by Site:		0	
Number of Private Wells Contaminated by Site:		0	
Soil Removal Action Taken/Needed:		NOT REPORTED	
Soil Removal or Contaminant Action Started:		NOT REPORTED	
Soil Removal or Contaminant Action Completed:		NOT REPORTED	
On-Site Groundwater Extraction or Containment is Needed:		NOT REPORTED	
On-Site Groundwater Extraction or Containment Started:		NOT REPORTED	
Off-Site Groundwater Extraction or Containment is Needed:		NOT REPORTED	
Off-Site Groundwater Extraction or Containment Started:		NOT REPORTED	
Length of Contamination Plume (Feet):		0	
Depth of Contamination Plume (Feet):		0	
Wells Closed Due To Contamination of Site:		NOT REPORTED	
Date of Wells Closure:		NOT REPORTED	
Nearest Public or Private Drinking Water Well (Feet):		0	
Under Jurisdiction of Lead Agency Date:		01./)0000	
Stages of Site Investigation Process Initiated:			
Site Characterization Phase:		Not reported	
Post Site Characterization Phase:		Not reported	
Interim Remedial Action:		Not reported	
Post Interim Remedial Action:		Not reported	
Final Remedial Action Plan:		Not reported	
Remedial Action Order:		Not reported	
Final Remedial Action:		Not reported	
Post Final Remedial Action:		Not reported	

K44  
North  
1/4-1/2  
Higher

PG & E  
2121 PERALTA ST  
OAKLAND, CA

S Bay Reg. 2 S102435155  
LUST N/A

State LUST:

Case Number:	01-1169	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	09/13/1994	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	09/27/1994	Release Date:	05/25/1988

LUST Region 2:

Facility ID:	01-1169	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3648
Entered Date:	NOT REPORTED	Last Review:	09/13/1994
Correspondence:	NOT REPORTED	Release Date:	05/25/1988
Case Number:	NOT REPORTED	Staff Initial:	KLK



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

PG & E (Continued)

S102435155

Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	0 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG & E (Continued)**

**S102435155**

Comments NOT REPORTED

K45  
North  
1/4-1/2  
Higher

PG&E  
PERALTA ST (2121)  
OAKLAND, CA

Cortese

S101306654  
N/A

**CORTESE:**

Facility ID: 01-001285      Data Source: LTNKA

46  
NE  
1/4-1/2  
Higher

**EAST BAY MUNICIPAL UTIL DIST**  
1200 21ST ST  
OAKLAND, CA 94607

**RCRIS-SQG  
FINDS  
HAZNET  
LUST**

1000391093  
CAD981382559

**RCRIS:**

Owner: EAST BAY MUNICIPAL UTILITY DISTRICT  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(416) 835-3000

Record Date: 02/03/86

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**HAZNET:**

Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Tons: 315      Handling method: Recycler

Waste Category: Organic monomer waste (including unreacted resins)

Tons: 41      Handling method: Recycler

Waste Category: Unspecified organic liquid mixture

Tons: 300      Handling method: Recycler

Waste Category: Unspecified oil-containing sludge

Tons: 439      Handling method: Not Specified

Waste Category: Liquids with halogenated organic compounds >= 1000 mg/l

Tons: 529      Handling method: Transfer Station

Waste Category: Unspecified organic liquid mixture

Tons: 20      Handling method: Transfer Station

Waste Category: Metal sludge (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc)

Tons: 100      Handling method: Thermal Treatment (including incineration)

Waste Category: Photochemicals/photoprocessing waste

Tons: 40      Handling method: Thermal Treatment (including incineration)

Waste Category: Asbestos containing waste

Tons: 2359      Handling method: Landfill

Waste Category: Asbestos containing waste

Tons: 84      Handling method: Landfill

Waste Category: Latex waste

Tons: 68      Handling method: Tank Treatment

Waste Category: Other inorganic solid waste

Tons: 50      Handling method: Not Specified

Waste Category: Other inorganic solid waste

Tons: 7      Handling method: Transfer Station

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BAY MUNICIPAL UTIL DIST (Continued)**

1000391093

Waste Category: Other empty containers 30 gallons or more  
Tons: 2 Handling method: Transfer Station  
Waste Category: Contaminated soil from site clean-ups  
Tons: 25 Handling method: Transfer Station

47  
ENE  
1/4-1/2  
Higher

**AIRBORNE EXPRESS  
ADELINE ST (1960)  
OAKLAND, CA 94607**

Cortese

S101293660  
N/A

CORTESE:  
Facility ID: 01-003766 Data Source: LTNKA

48  
WNW  
1/4-1/2  
Lower

**UTILITY TRUCK BODIES  
1530 WOOD ST  
OAKLAND, CA 94607**

LUST  
S Bay Reg. 2  
LUST

S102440707  
N/A

State LUST:

Case Number:	01-1832	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	01/25/1996	Confirm Leak:	07/21/1993
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	02/14/1990

LUST Region 2:

Facility ID:	01-1832	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4301
Entered Date:	11/04/1993	Last Review:	01/25/1996
Correspondence:	07/20/1993	Release Date:	02/14/1990
Case Number:	3875	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	NOT REPORTED
How Stopped:	Close Tank	Stopped Date:	NOT REPORTED
Leak Source:	Tank	Leak Cause:	Unknown
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance: Gasoline  
Secondary Substance: NOT REPORTED  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
Current Benzene in Groundwater: 0  
Maximum Benzene Concentration: 0





MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**UTILITY TRUCK BODIES (Continued)**

S102440707

Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	0 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

L49  
NW  
1/4-1/2  
Lower

1706 WOOD STREET  
OAKLAND, CA 94607

CHMIRS

S100220074  
N/A

CHMIRS:

OES Control Number:	9011574	DOT ID:	NOT REPORTED
DOT Hazard Class:	Not Reported		
Chemical Name:	UNKNOWN		
Extent of Release:	NOT REPORTED		
CAS Number:	NOT REPORTED	Quantity Released:	0
Environmental Contamination:	None Reported	Property Use:	Industrial, Utility
Incident Date:	27-JUN-90	Date Completed:	27-JUN-90

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

L50  
NW  
1/4-1/2  
Lower

SP, W.OAKLAND YARD-(WASHWATER)  
1707 WOOD STREET  
OAKLAND, CA 94607

Toxic Pits

S100676234  
N/A

TOXIC PITS:

Region: 02 Task #: 82034  
Owner: SOUTHERN PACIFIC TRANS. CO.  
Num. of Pits: 2 1/2 Mi Limit: Yes  
Hydro Geological Assessment Report Due: Not Reported  
Final Hydro Geological Assessment Review Completed: 10/17/89  
Cease Discharge Due: NOT REPORTED Cease Discharge Completed: 01/16/88  
Closure Due: 09/30/90 Closure Completed: 06/30/92  
Status: CLOSED

L51  
NW  
1/4-1/2  
Lower

SOUTHERN PACIFIC OAKLAND  
1707 WOOD STREET  
OAKLAND, CA 94607

Cal-Sites

S102008215  
N/A

CAL-SITES:

Facility ID 01400001  
Facility Type: N/A  
Status Date: 05/15/91  
Status: PROPERTY/SITE REFERRED TO RWQCB  
Lead: N/A  
Activity: PRELIMINARY ASSESSMENT  
Activity Status: PROPERTY/SITE REFERRED TO RWQCB  
Activity: SITE SCREENING  
Activity Status: PROPERTY/SITE REFERRED TO RWQCB  
Background: Not reported  
Alternative Name: EST OAKLAND YARD  
Alternative Addr: 7TH AND BAY STREET  
OAKLAND, CA 94607  
Alternative Name: OUTHERN PACIFIC TRANSPORTATION COMPANY  
Alternative Addr: 7TH AND BAY STREET  
OAKLAND, CA 94607  
Alternative Name: OUTHERN PACIFIC OAKLAND  
Alternative Addr: 7TH AND BAY STREET  
OAKLAND, CA 94607  
Comment Date: 07/28/1980  
Comment: BAY: Facility drive-by ASP concrete corroded in cleaning inspection (state) area Oily gravel near separation tank  
BAY: final strategy: Site referred: to HMMS-ENF  
SITE SCREENING DONE MITRE MODEL REQ PA REQ RAILYARD  
Preliminary Assessment for Southern Pacific Oakland for 7th and Bay (BAY) Preliminary Assessment done SFRWQCB is lead agency at site Unranked BEP site Mitre Model REQ 2 surface IMP-OIL/water contamination at these area  
PCB Sludge pond-migrated off-site  
HAZD RANKING SCORE 616  
SITE IS ON 1989 BOND EXPENDITURE PLAN AS SOUTHERN PACIFIC TRANSPORTATION CO - OAKLAND; COMPARE WITH SOUTHERN PACIFIC OAKLAND (#01-46-0001)  
Site referred to the RWQCB in 1989

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

L52  
NW  
1/4-1/2  
Lower

**SOUTHERN PACIFIC TRANSPORTATION CO. OAKLAND**  
1707 WOOD STREET  
OAKLAND, CA 94607

Ca. BEP

S100833473  
N/A

L53  
NW  
1/4-1/2  
Lower

**ROADWAY EXPRESS, INC. 811**  
1708 WOOD ST.  
OAKLAND, CA 94607

UST  
HAZNET  
LUST

U001599214  
N/A

LUST Alameda County:

Facility ID: 4072  
Inspector: JE  
Priority: NOT REPORTED

Region: ALAMEDA  
Case Closed Date: NOT REPORTED

State UST:

Facility ID: 48445  
Tank Num: 1  
Tank Capacity: 10000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: G.J. TAYLOR  
Total Tanks: 3  
Facility Type: 2

Container Num: 1  
Year Installed: NOT REPORTED  
Tank Constrctn: Not reported  
Telephone: (415) 763-7921  
Region: NOT REPORTED  
Other Type: MOTOR FREIGHT TERMIN

Facility ID: 48445  
Tank Num: 2  
Tank Capacity: 10000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Leak Detection: Stock Inventor  
Contact Name: G.J. TAYLOR  
Total Tanks: 3  
Facility Type: 2

Container Num: 2  
Year Installed: NOT REPORTED  
Tank Constrctn: Not reported  
Telephone: (415) 763-7921  
Region: NOT REPORTED  
Other Type: MOTOR FREIGHT TERMIN

Facility ID: 48445  
Tank Num: 3  
Tank Capacity: 2000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: G.J. TAYLOR  
Total Tanks: 3  
Facility Type: 2

Container Num: 3  
Year Installed: NOT REPORTED  
Tank Constrctn: Not reported  
Telephone: (415) 763-7921  
Region: NOT REPORTED  
Other Type: MOTOR FREIGHT TERMIN

L54  
NW  
1/4-1/2  
Lower

**SP, W.OAKLAND YD.-(OILY WASTE)**  
1707 WOOD STREET  
OAKLAND, CA 94607

Toxic Pits

S100676226  
N/A

TOXIC PITS:

Region: 02 Task #: 82010  
Owner: SOUTHERN PACIFIC TRANS. CO.  
Num. of Pits: 4 1/2 Mi Limit: Yes  
Hydro Geological Assessment Report Due: Not Reported  
Final Hydro Geological Assessment Review Completed: Not Reported  
Cease Discharge Due: 09/02/92 Cease Discharge Completed: NOT REPORTED  
Closure Due: 09/02/92 Closure Completed: 04/21/93  
Status: CLOSED

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
55 NE 1/4-1/2 Higher	2221 UNION STREET OAKLAND, CA 94607  CHMIRS. OES Control Number: 9100144 DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: UNKNOWN Extent of Release: No Release CAS Number: NOT REPORTED Quantity Released: 0 Environmental Contamination: None Reported Property Use: County/City Road Incident Date: 19-FEB-91 Date Completed: 19-FEB-91	CHMIRS	S100276616 N/A
M56 WNW 1/4-1/2 Lower	SOUTHERN PACIFIC WOOD ST (1399) OAKLAND, CA 94607  CORTESE: Facility ID: 01-001520 Data Source: LTNKA	Cortese	S101293749 N/A
M57 WNW 1/4-1/2 Lower	SOUTHERN PACIFIC TRANS. CO. 1399 WOOD ST OAKLAND, CA 94607	LUST	S102437876 N/A
58 ENE 1/4-1/2 Higher	EBMUD 2130 ADELINE ST OAKLAND, CA 94607  State LUST: Case Number: 01-0542 Cross Street: NOT REPORTED Reg Board: San Francisco Bay Region Qty Leaked: NOT REPORTED Chemical: Gasoline Lead Agency: Local Agency Case Type: Soil only Status: Leak being confirmed Abate Method: No Action Taken - no action has as yet been taken at the site Review Date: 07/26/1988 Confirm Leak: 03/00/0000 Workplan: 03/00/0000 Prelim Assess: 03/00/0000 Pollution Char: 03/00/0000 Remed Plan: 03/00/0000 Remed Action: 03/00/0000 Monitoring: 03/00/0000 Close Date: 03/00/0000 Release Date: 03/23/1988  LUST Region 2: Facility ID: 01-0542 Cross Street: NOT REPORTED Region: 2 Record Number: 2947 Entered Date: NOT REPORTED Last Review: 07/26/1988 Correspondence: 02/15/1991 Release Date: 03/23/1988 Case Number: 3726 Staff Initial: KLG How Discovered: Tank Closure Discovered Date: 06/11/1987 How Stopped: Close Tank Stopped Date: 06/11/1987 Leak Source: Tank Leak Cause: Structure Failure Facility Status: Leak being confirmed Update Status: NOT REPORTED Review Status: NOT REPORTED Priority: Not reported	LUST S Bay Reg. 2 LUST	S102429095 N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**EBMUD (Continued)**

S102429095

Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)  
 Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.

Primary Substance: Gasoline  
 Secondary Substance: Misc. Motor Vehicle Fuels  
 Maximum Soil Concentration: 460  
 Maximum Groundwater Impact: 0  
 Current Benzene in Groundwater: 0  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: No  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED

Abatement: No Action Taken

**LUST Alameda County:**

Facility ID: 3726  
 Inspector: JMS  
 Priority: NOT REPORTED

Region: ALAMEDA  
 Case Closed Date: NOT REPORTED

**South Bay Region 2:**

Facility ID: 01-0542  
 Case Number: NOT REPORTED  
 Last Update: NOT REPORTED  
 RWQCB Initials: NOT REPORTED  
 DOHS Initials: NOT REPORTED  
 Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 1  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: Misc. Motor Vehicle Fuels  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

EBMUD (Continued)

S102429095

Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	460 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

59  
SSE  
1/4-1/2  
Higher

**SAFETY KLEEN**  
10TH ST N. (1147)  
SAN JOSE, CA 94607

Cortese

S101304165  
N/A

CORTESE:

Facility ID: 43-012314

Data Source: LTNKA

60  
NNE  
1/4-1/2  
Higher

**2323 POPULAR ST ACROSS FROM**  
OAKLAND, CA 94607

CHMIRS

S100217053  
N/A

CHMIRS:

OES Control Number:	8905531	DOT ID:	1170
DOT Hazard Class:	Flammable liquid		
Chemical Name:	ALCOHOL, ETHYL		
Extent of Release:	No Release		
CAS Number:	NOT REPORTED	Quantity Released:	NOT REPORTED
Environmental Contamination:	Other	Property Use:	Railroad
Incident Date:	03-APR-89	Date Completed:	03-APR-89

61  
ENE  
1/4-1/2  
Higher

**FRANK'S TIRE SERVICE**  
1115 21ST ST  
OAKLAND, CA 94607

LUST

S102430441  
N/A

LUST Alameda County:

Facility ID: 4619  
Inspector: DK  
Priority: NOT REPORTED

Region: ALAMEDA  
Case Closed Date: NOT REPORTED

62  
West  
1/4-1/2  
Lower

**TAYLOR ROOF STRUCTURES**  
1746 13TH ST  
OAKLAND, CA 94607

LUST  
S Bay Reg. 2  
LUST

S102438454  
N/A

State LUST:

Case Number:	01-1449	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants		
Review Date:	04/11/1989	Confirm Leak:	03/09/1992
Workplan:	04/29/1990	Prelim Assess:	04/09/1991
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	12/22/1995	Release Date:	03/06/1989

LUST Region 2:

Facility ID:	01-1449	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3954
Entered Date:	04/13/1989	Last Review:	04/11/1989
Correspondence:	04/20/1992	Release Date:	03/06/1989

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TAYLOR ROOF STRUCTURES (Continued)**

S102438454

Case Number: 3742 Staff Initial: KLG  
 How Discovered: Tank Closure Discovered Date: 02/06/1989  
 How Stopped: Close Tank Stopped Date: 02/06/1989  
 Leak Source: Tank Leak Cause: Structure Failure  
 Facility Status: Signed off, remedial action completed or deemed unnecessary  
 Update Status: NOT REPORTED  
 Review Status: NOT REPORTED  
 Priority: Not reported  
 Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley  
 Case Type: Other ground water or surface water is affected or threatened  
 Primary Substance: Gasoline  
 Secondary Substance: Unleaded Gasoline  
 Maximum Soil Concentration: 2300  
 Maximum Groundwater Impact: 64000  
 Current Benzene in Groundwater: 0  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: 5  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 02/06/1989  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 3  
 Enforcement Date: 02/13/1990  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: 03/09/1992  
 Workplan Submitted: 04/29/1990  
 Assessment Underway: 04/09/1991  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 12/22/1995  
 Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.), Enhanced Biodegradation, soil or water  
 Comments: LOP UPDATE--10/21/93 REQ CASE CLOSURE 8/10/95; CASE CLOSED!!

LUST Alameda County:

Facility ID: 3742 Region: ALAMEDA  
 Inspector: CL Case Closed Date: 12/07/1995  
 Priority: NOT REPORTED

South Bay Region 2:

Facility ID: 01-1449 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 9  
 National Priority List: NOT REPORTED



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAYLOR ROOF STRUCTURES (Continued)**

S102438454

Primary Substance Spilled:	Gasoline
Secondary Substance Spilled:	Unleaded Gasoline
Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	5 (Feet)
Maximum Soil Concentration of Contaminates:	2300 (parts per million)
Max Grndwater Concentration of Contaminates:	64000 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAYLOR ROOF STRUCTURES (Continued)**

S102438454

Remediation: NOT REPORTED  
Characterization: NOT REPORTED  
Comments: NOT REPORTED

63  
South  
1/4-1/2  
Lower

**ARMORED TRANSPORT**  
1333 8TH ST  
OAKLAND, CA 94607

**FINDS**  
**RCRIS-LQG**  
**HAZNET**  
**LUST**

1000341304  
CAD981967391

**RCRIS:**

Owner: ARMORED TRANSPORT  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(415) 455-4297

Record Date: 02/02/87

Classification: Large Quantity Generator, Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**LUST Alameda County:**

Facility ID: 3905  
Inspector: JE  
Priority: NOT REPORTED

Region: ALAMEDA  
Case Closed Date: NOT REPORTED

**HAZNET:**

Waste Category: Waste oil and mixed oil  
Tons: 229 Handling method: Recycler

64  
NNW  
1/4-1/2  
Lower

**2001 WOOD ST.**  
OAKLAND, CA

**CHMIRS**

S100218595  
N/A

**CHMIRS:**

OES Control Number:	8910470	DOT ID:	NOT REPORTED
DOT Hazard Class:	Not Reported		
Chemical Name:	COOKING OIL & GREASE		
Extent of Release:	Undetermined		
CAS Number:	NOT REPORTED	Quantity Released:	60
Environmental Contamination:	Other	Property Use:	County/City Road
Incident Date:	13-JUN-89	Date Completed:	13-JUN-89

N65  
NE  
1/4-1/2  
Higher

**NED CLYDE CONSTRUCTION YARD**  
2311 ADELIN STREET  
OAKLAND, CA 92626

**Notify 65**

S100178915  
N/A

**NOTIFY 65:**

Date Reported:	NOT REPORTED	Staff Initials:	NOT REPORTED
Board File Number:	NOT REPORTED		
Facility Type:	NOT REPORTED		
Discharge Date:	NOT REPORTED		
Incident Description:	Not Reported		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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66 SSW 1/4-1/2 Lower	<b>FORMER SIGNAL SERVICE STATION</b> 800 CENTER ST OAKLAND, CA 94607	LUST	S102430343 N/A
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LUST Alameda County:

Facility ID: 5544 Inspector: JE Priority: NOT REPORTED	Region: ALAMEDA Case Closed Date: NOT REPORTED
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O67 North 1/4-1/2 Higher	<b>JORGENSEN STEEL &amp; ALUMINUM</b> 1699 W GRAND AVE OAKLAND, CA 94607	Ca. FID S Bay Reg. 2 LUST	S101580068 N/A
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State LUST:

Case Number: 01-0085 Reg Board: San Francisco Bay Region Chemical: Diesel Lead Agency: Local Agency Case Type: Other ground water affected Status: Signed off, remedial action completed or deemed unnecessary Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, No Action Taken - no action has as yet been taken at the site	Cross Street: NOT REPORTED Qty Leaked: NOT REPORTED Confirm Leak: 03/00/0000 Prelim Assess: 03/00/0000 Remed Plan: 03/00/0000 Monitoring: 03/00/0000 Release Date: 12/24/1992
Review Date: 12/24/1992 Workplan: 10/09/1992 Pollution Char: 03/00/0000 Remed Action: 03/00/0000 Close Date: 11/09/1995	

LUST Region 2:

Facility ID: 01-0085 Region: 2 Entered Date: 01/13/1993 Correspondence: 12/24/1992 Case Number: 3995 How Discovered: Tank Closure How Stopped: Close Tank Leak Source: Piping Facility Status: Signed off, remedial action completed or deemed unnecessary Update Status: NOT REPORTED Review Status: NOT REPORTED Priority: Not reported Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley Case Type: Other ground water or surface water is affected or threatened	Cross Street: NOT REPORTED Record Number: 3266 Last Review: 12/24/1992 Release Date: 12/24/1992 Staff Initial: KLG Discovered Date: 09/02/1992 Stopped Date: 09/02/1992 Leak Cause: Unknown
Primary Substance: Diesel Secondary Substance: NOT REPORTED Maximum Soil Concentration: 1100 Maximum Groundwater Impact: 83000 Current Benzene in Groundwater: 2 Maximum Benzene Concentration: 2 Nuber of Wells: NOT REPORTED Depth to Groundwater: NOT REPORTED MTBE Contamination Level: 0 Interim Remediation: Yes Interim Remediation Date: 09/02/1992 Lead Agency: Local Agency Case List: FUEL Enforcement Type: 0 Enforcement Date: NOT REPORTED Responsible Party Search: Solvent - identified and financially capable of performing work.	

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JORGENSEN STEEL & ALUMINUM (Continued)**

**S101580068**

Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: 10/09/1992  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 11/09/1995  
 Abatement: Excavate and Dispose (landfill) of soil, No Action Taken  
 Comments: CLOSED BY AC HEALTH AGENCY 7/28/94

South Bay Region 2:

Facility ID:	01-0085	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	9		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Diesel		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	1100 (parts per million)		
Max Grndwater Concentration of Contaminates:	83000 (parts per billion)		
Benzene:	2		
Maximum Benzene:	2		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**JORGENSEN STEEL & ALUMINUM (Continued)**

S101580068

Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

**FID:**

Facility ID:	01000950	Regulate ID:	00004398
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	NOT REPORTED	SIC Code:	NOT REPORTED
Status:	Inactive	Facility Tel:	(510) 835-8222
Mail To:	NOT REPORTED		
	1699 W GRAND AVE		
	OAKLAND, CA 94607		
Contact:	NOT REPORTED	Contact Tel:	NOT REPORTED
DUNs No:	NOT REPORTED	NPDES No:	NOT REPORTED
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	NOT REPORTED		
Comments:	NOT REPORTED		

O68  
North  
1/4-1/2  
Higher

**WILLS FREIGHT LIN, INC.**  
1700 W. GRAND AVE.  
OAKLAND, CA 94607

UST  
LUST  
S Bay Reg. 2  
LUST

U001599241  
N/A

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

WILLS FREIGHT LIN, INC. (Continued)

U001599241

State LUST:

Case Number:	01-1252	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	08/04/1992	Confirm Leak:	03/23/1992
Workplan:	04/16/1992	Prelim Assess:	06/19/1992
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	07/02/1993	Monitoring:	03/00/0000
Close Date:	07/28/1994	Release Date:	04/16/1992

LUST Region 2:

Facility ID:	01-1252	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3741
Entered Date:	08/04/1992	Last Review:	08/04/1992
Correspondence:	09/12/1994	Release Date:	04/16/1992
Case Number:	3776	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	02/06/1992
How Stopped:	Close Tank	Stopped Date:	02/06/1992
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	File archived		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Diesel		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	735		
Maximum Groundwater Impact:	0		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	NOT REPORTED		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	02/06/1992		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	1		
Enforcement Date:	03/23/1993		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned -	The following dates are assigned as the status progresses:		
Leak Confirmed:	03/23/1992		
Workplan Submitted:	04/16/1992		
Assessment Underway:	06/19/1992		
Pollution Characterization:	NOT REPORTED		
Corrective Action Plan:	NOT REPORTED		
Remediation Underway:	07/02/1993		
Monitoring Begun:	NOT REPORTED		
Case Closed:	07/28/1994		
Abatement:	Excavate and Dispose (landfill) of soil		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLS FREIGHT LIN, INC. (Continued)**

U001599241

Comments: ARCHIVED 6/6/96 CONTROL NO 120-086

LUST Alameda County:

Facility ID: 3776 Region: ALAMEDA  
Inspector: CL Case Closed Date: 07/28/1994  
Priority: HIGH/Fast Action/RP Clos Reqst

South Bay Region 2:

Facility ID: 01-1252 Staff: NOT REPORTED  
Case Number: NOT REPORTED File Number: NOT REPORTED  
Last Update: NOT REPORTED Case Type: NOT REPORTED  
RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
Type: Other ground water or surface water is affected or threatened  
Lead: Local Agency (Santa Clara Valley Water District)  
Facility Status: NOT REPORTED  
Discovered Date: NOT REPORTED  
Facility Description: NOT REPORTED  
Phase of Work by Responsible Party: 9  
National Priority List: NOT REPORTED  
Primary Substance Spilled: Diesel  
Secondary Substance Spilled: NOT REPORTED  
Problem Caused by UST: No  
Contaminant Concentration Type (1): NOT REPORTED  
Key Contaminant Concentration (1): NOT REPORTED  
Initial Maximum Concentration (1): NOT REPORTED  
Current Maximum Concentration (1): NOT REPORTED  
Contaminant Concentration Type (2): NOT REPORTED  
Key Contaminant Concentration (2): NOT REPORTED  
Initial Maximum Concentration (2): NOT REPORTED  
Current Maximum Concentration (2): NOT REPORTED  
Contaminant Concentration Type (3): NOT REPORTED  
Key Contaminant Concentration (3): NOT REPORTED  
Initial Maximum Concentration (3): NOT REPORTED  
Plume in Length (FT): NOT REPORTED  
Size Depth (FT): NOT REPORTED  
Municipal Drinking Wells Affected: NOT REPORTED  
Private Drinking Wells Affected: NOT REPORTED  
Current Maximum Concentration (3): NOT REPORTED  
Historical Minimum Depth to Groundwater: NOT REPORTED  
Maximum Soil Concentration of Contaminates: 735 (parts per million)  
Max Grndwater Concentration of Contaminates: 0 (parts per billion)  
Benzene: 0  
Maximum Benzene: 0  
Soil Action Needed: NOT REPORTED  
Total of Extraction Flow Rate: NOT REPORTED  
Estimated % of Contaminants Contained: NOT REPORTED  
Contaminant Source: NOT REPORTED  
Contaminant Concentration as of: NOT REPORTED  
Contaminant Concentration (1): NOT REPORTED  
Well or Boring Number (1): NOT REPORTED  
Initial Level Concentration (1): NOT REPORTED  
Current Level Concentration (1): NOT REPORTED  
Contaminant Concentration (2): NOT REPORTED  
Well or Boring Number (2): NOT REPORTED  
Initial Level Concentration (2): NOT REPORTED  
Current Level Concentration (2): NOT REPORTED  
Contaminant Concentration (3): NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

WILLS FREIGHT LIN, INC. (Continued)

U001599241

Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

State UST:

Facility ID: 19352  
 Tank Num: 1 Container Num: #1  
 Tank Capacity: 10000 Year Installed: NOT REPORTED  
 Tank Used for: PRODUCT Tank Constrctn: Not reported  
 Type of Fuel: WASTE OIL  
 Leak Detection: Stock Inventor  
 Contact Name: R.E. ROBIDEAUX SR. Telephone: (415) 834-9927  
 Total Tanks: 4 Region: NOT REPORTED  
 Facility Type: 2 Other Type: TRANSPORTATION

Facility ID: 19352  
 Tank Num: 2 Container Num: #2  
 Tank Capacity: 10000 Year Installed: 1980  
 Tank Used for: PRODUCT Tank Constrctn: Not reported  
 Type of Fuel: REGULAR  
 Leak Detection: Stock Inventor  
 Contact Name: R.E. ROBIDEAUX SR. Telephone: (415) 834-9927  
 Total Tanks: 4 Region: NOT REPORTED  
 Facility Type: 2 Other Type: TRANSPORTATION

Facility ID: 19352  
 Tank Num: 3 Container Num: #A  
 Tank Capacity: 1000 Year Installed: NOT REPORTED  
 Tank Used for: Not Reported Tank Constrctn: Not reported  
 Type of Fuel: Not Reported  
 Leak Detection: None  
 Contact Name: R.E. ROBIDEAUX SR. Telephone: (415) 834-9927  
 Total Tanks: 4 Region: NOT REPORTED  
 Facility Type: 2 Other Type: TRANSPORTATION



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLS FREIGHT LIN, INC. (Continued)**

U001599241

Facility ID:	19352	Container Num:	#B
Tank Num:	4	Year Installed:	NOT REPORTED
Tank Capacity:	1000	Tank Constrcn:	Not reported
Tank Used for:	Not Reported	Telephone:	(415) 834-9927
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	None	Other Type:	TRANSPORTATION
Contact Name:	R.E. ROBIDEAUX SR.		
Total Tanks:	4		
Facility Type:	2		

O69  
North  
1/4-1/2  
Higher

**JORGENSEN & ALUMINUM**  
1699 W GRAND AVE  
OAKLAND, CA 94607

LUST

S102432006  
N/A

O70  
North  
1/4-1/2  
Higher

**ROBIDEAUX PROPERTY**  
GRAND AVE W. (1700)  
OAKLAND, CA 94607

Cortese

S101293698  
N/A

CORTESE:  
Facility ID: 01-001368      Data Source: LTNKA

O71  
North  
1/4-1/2  
Higher

**JORGENSEN STEEL & ALUMINUM**  
GRAND AVE W. (1699)  
OAKLAND, CA 94607

Cortese

S101293697  
N/A

CORTESE:  
Facility ID: 01-000950      Data Source: LTNKA

72  
NNE  
1/4-1/2  
Higher

**WALKER'S CONCRETE, I**  
2400 PERALTA STREET  
OAKLAND, CA 94607

FINDS  
LUST

1000593725  
CAD983568031

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

LUST Alameda County:  
Facility ID: 4045      Region: ALAMEDA  
Inspector: JE      Case Closed Date: NOT REPORTED  
Priority: HIGH/Fast Action/RP Clos Reqst

73  
NNE  
1/4-1/2  
Higher

**CLARKE & CRAMER, INC**  
KIRKHAM ST (2500)  
OAKLAND, CA

Cortese  
S Bay Reg. 2  
LUST

S100226806  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLARKE & CRAMER, INC (Continued)**

**S100226806**

State LUST:

Case Number:	01-0426	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	12/14/1990	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	09/18/1990

LUST Region 2:

Facility ID:	01-0426	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2821
Entered Date:	12/14/1990	Last Review:	12/14/1990
Correspondence:	10/08/1996	Release Date:	09/18/1990
Case Number:	NOT REPORTED	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	09/18/1990
How Stopped:	Close Tank	Stopped Date:	09/18/1990
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Waste Oil
Secondary Substance:	NOT REPORTED
Maximum Soil Concentration:	170
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed:	NOT REPORTED
Workplan Submitted:	NOT REPORTED
Assessment Underway:	NOT REPORTED
Pollution Characterization:	NOT REPORTED
Corrective Action Plan:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLARKE & CRAMER, INC (Continued)**

S100226806

Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED  
Abatement: No Action Taken  
Comments: CTY LTR ONLY

**CORTESE:**

Facility ID: 01-000558 Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	01-0426	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	1		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Waste Oil		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	170 (parts per million)		
Max Grndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLARKE & CRAMER, INC (Continued)**

**S100226806**

Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

O74  
North  
1/4-1/2  
Higher

**ZELLERBACH PAPER CO.**  
2230 WILLOW ST.  
OAKLAND, CA 94607

UST  
S Bay Reg. 2  
LUST

U001599243  
N/A

State LUST:

Case Number:	01-1693	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	04/17/1989	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	07/25/1989
Pollution Char:	01/01/1990	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	11/09/1995	Release Date:	03/01/1989

LUST Region 2:

Facility ID:	01-1693	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4220
Entered Date:	04/27/1989	Last Review:	04/17/1989
Correspondence:	07/16/1992	Release Date:	03/01/1989
Case Number:	3718	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	03/01/1989
How Stopped:	Close Tank	Stopped Date:	03/01/1989
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ZELLERBACH PAPER CO. (Continued)**

U001599243

Case Type: Other ground water or surface water is affected or threatened  
 Primary Substance: Gasoline  
 Secondary Substance: Diesel  
 Maximum Soil Concentration: 7600  
 Maximum Groundwater Impact: 16000  
 Current Benzene in Groundwater: 0  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: 8  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 03/01/1989  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 1  
 Enforcement Date: 03/18/1992  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: 07/25/1989  
 Pollution Characterization: 01/01/1990  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 11/09/1995  
 Abatement: Excavate and Dispose (landfill) of soil  
 Comments: CLOSED BY AC HEALTH AGENCY 11/8/93

**LUST Alameda County:**

Facility ID: 3718 Region: ALAMEDA  
 Inspector: CL Case Closed Date: 11/08/1993  
 Priority: HIGH/Fast Action/RP Clos Reqst

**South Bay Region 2:**

Facility ID: 01-1693 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 9  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: Diesel  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

ZELLERBACH PAPER CO. (Continued)

U001599243

Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	8 (Feet)
Maximum Soil Concentration of Contaminates:	7600 (parts per million)
Max Grndwater Concentration of Contaminates:	16000 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

ZELLERBACH PAPER CO. (Continued)

U001599243

State UST:

Facility ID:	63561	Container Num:	4
Tank Num:	1	Year Installed:	1976
Tank Capacity:	6000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 589-5577
Type of Fuel:	UNLEADED	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	PAPER DISTRIBUTION
Contact Name:	NOT REPORTED		
Total Tanks:	5		
Facility Type:	2		
Facility ID:	63561	Container Num:	2
Tank Num:	2	Year Installed:	NOT REPORTED
Tank Capacity:	6000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 589-5577
Type of Fuel:	DIESEL	Region:	NOT REPORTED
Leak Detection:	None	Other Type:	PAPER DISTRIBUTION
Contact Name:	NOT REPORTED		
Total Tanks:	5		
Facility Type:	2		
Facility ID:	63561	Container Num:	1
Tank Num:	3	Year Installed:	1969
Tank Capacity:	8000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 589-5577
Type of Fuel:	DIESEL	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	PAPER DISTRIBUTION
Contact Name:	NOT REPORTED		
Total Tanks:	5		
Facility Type:	2		
Facility ID:	63561	Container Num:	2
Tank Num:	4	Year Installed:	1969
Tank Capacity:	500	Tank Constrctn:	Not reported
Tank Used for:	WASTE	Telephone:	(415) 589-5577
Type of Fuel:	WASTE OIL	Region:	NOT REPORTED
Leak Detection:	None	Other Type:	PAPER DISTRIBUTION
Contact Name:	NOT REPORTED		
Total Tanks:	5		
Facility Type:	2		
Facility ID:	63561	Container Num:	3
Tank Num:	5	Year Installed:	1969
Tank Capacity:	6000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 589-5577
Type of Fuel:	UNLEADED	Region:	NOT REPORTED
Leak Detection:	Stock Inventor	Other Type:	PAPER DISTRIBUTION
Contact Name:	NOT REPORTED		
Total Tanks:	5		
Facility Type:	2		

O75  
North  
1/4-1/2  
Higher

ZELLERBACH OAKLAND FACILITY  
WILLOW ST (2230)  
OAKLAND, CA 94607

Cortese

S101293748  
N/A

CORTESE:

Facility ID: 01-001807

Data Source: LTNKA

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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O76 North 1/4-1/2 Higher	<b>CROWN ZELLERBACH</b> 2230 WILLOW ST OAKLAND, CA 94607	LUST	S102428505 N/A
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N77 NE 1/4-1/2 Higher	<b>PACIFIC CRYOGENICS</b> 2311 MAGNOLIA ST OAKLAND, CA 94607	FINDS RCRIS-LQG LUST S Bay Reg. 2 LUST	1000250758 CAD990803967
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RCRIS:

Owner: PAT HOPKINS  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(415) 444-8081

Record Date: 03/02/90

Classification: Large Quantity Generator, Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

State LUST:

Case Number: 01-0833	Cross Street: NOT REPORTED
Reg Board: San Francisco Bay Region	Qty Leaked: NOT REPORTED
Chemical: Gasoline	
Lead Agency: Local Agency	
Case Type: Other ground water affected	
Status: Pollution characterization	
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site	
Review Date: 06/20/1995	Confirm Leak: 03/00/0000
Workplan: 03/00/0000	Prelim Assess: 12/04/1990
Pollution Char: 06/20/1995	Remed Plan: 03/00/0000
Remed Action: 03/00/0000	Monitoring: 03/00/0000
Close Date: 03/00/0000	Release Date: 12/04/1990

LUST Region 2:

Facility ID: 01-0833	Cross Street: NOT REPORTED
Region: 2	Record Number: 3267
Entered Date: 12/08/1990	Last Review: 06/20/1995
Correspondence: 11/15/1994	Release Date: 12/04/1990
Case Number: 1211	Staff Initial: KLG
How Discovered: Tank Closure	Discovered Date: 11/29/1989
How Stopped: Close Tank	Stopped Date: 12/04/1990
Leak Source: Tank	Leak Cause: Structure Failure
Facility Status: Remedial Investigation Phase	
Update Status: NOT REPORTED	
Review Status: NOT REPORTED	
Priority: Not reported	
Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley	
Case Type: Other ground water or surface water is affected or threatened	
Primary Substance: Gasoline	
Secondary Substance: Diesel	
Maximum Soil Concentration: 270	
Maximum Groundwater Impact: 14000	
Current Benzene in Groundwater: 69	
Maximum Benzene Concentration: 0	
Nuber of Wells: 4	



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC CRYOGENICS (Continued)**

1000250758

Depth to Groundwater: 2.95  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 06/30/1989  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 1  
 Enforcement Date: 03/23/1992  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: 12/04/1990  
 Pollution Characterization: 06/20/1995  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: Excavate and Dispose (landfill) of soil  
 Comments: LOP UPDATE-10/21/93

**LUST Alameda County:**

Facility ID: 1211  
 Inspector: JE  
 Priority: MOD/Water Source/Soil Bad-ReDo  
 Region: ALAMEDA  
 Case Closed Date: NOT REPORTED

**South Bay Region 2:**

Facility ID: 01-0833  
 Case Number: NOT REPORTED  
 Last Update: NOT REPORTED  
 RWQCB Initials: NOT REPORTED  
 DOHS Initials: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 5  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Gasoline  
 Secondary Substance Spilled: Diesel  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC CRYOGENICS (Continued)**

1000250758

Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	2.95 (Feet)
Maximum Soil Concentration of Contaminates:	270 (parts per million)
Max Grndwater Concentration of Contaminates:	14000 (parts per billion)
Benzene:	69
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

78  
NE  
1/4-1/2  
Higher

2319 MAGNOLIA STREET  
OAKLAND, CA 94607

CHMIRS

S100279939  
N/A

CHMIRS:

OES Control Number:	9014045	DOT ID:	NOT REPORTED
DOT Hazard Class:	Not Reported		
Chemical Name:	OIL, MOTOR		
Extent of Release:	Release Beyond Property Use of Origin		
CAS Number:	NOT REPORTED	Quantity Released:	1200
Environmental Contamination:	Other	Property Use:	Industrial, Utility
Incident Date:	15-NOV-90	Date Completed:	15-NOV-90

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

79  
West  
1/4-1/2  
Lower

**TAYLOR ROOF STRUCTURES**  
1769 13TH STREET  
OAKLAND, CA 92626

Notify 65

S100226628  
N/A

NOTIFY 65:

Date Reported: NOT REPORTED      Staff Initials: NOT REPORTED  
Board File Number: NOT REPORTED  
Facility Type: NOT REPORTED  
Discharge Date: NOT REPORTED  
Incident Description: Not Reported

80  
NNE  
1/4-1/2  
Higher

**FINDLEY ADHESIVES INC**  
2433 POPLAR ST  
OAKLAND, CA 94607

RCRIS-SQG 1000190324  
FINDS CAD035032630  
LUST  
S Bay Reg. 2  
LUST

RCRIS:

Owner: FINDLEY ADHESIVES INC  
(415) 555-1212  
Contact: ENVIRONMENTAL MANAGER  
(415) 763-1500  
Record Date: 02/12/86  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

State LUST:

Case Number:	01-2156	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	07/09/1996	Confirm Leak:	NOT REPORTED
Workplan:	NOT REPORTED	Prelim Assess:	07/09/1996
Pollution Char:	NOT REPORTED	Remed Plan:	NOT REPORTED
Remed Action:	NOT REPORTED	Monitoring:	NOT REPORTED
Close Date:	10/15/1996	Release Date:	07/09/1996

LUST Region 2:

Facility ID:	01-2156	Cross Street:	NOT REPORTED
Region:	2	Record Number:	NOT REPORTED
Entered Date:	07/09/1996	Last Review:	07/09/1996
Correspondence:	NOT REPORTED	Release Date:	07/09/1996
Case Number:	NOT REPORTED	Staff Initial:	KLK
How Discovered:	NOT REPORTED	Discovered Date:	NOT REPORTED
How Stopped:	NOT REPORTED	Stopped Date:	NOT REPORTED
Leak Source:	Unknown	Leak Cause:	Unknown
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	New case entered into the LUSTIS database which will be included in the FUELS bi-monthly update		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

FINDLEY ADHESIVES INC (Continued)

1000190324

Case Type: Other ground water or surface water is affected or threatened  
 Primary Substance: Diesel  
 Secondary Substance: Gasoline  
 Maximum Soil Concentration: 1000  
 Maximum Groundwater Impact: 660  
 Current Benzene in Groundwater: 9  
 Maximum Benzene Concentration: 9  
 Nuber of Wells: 3  
 Depth to Groundwater: 3  
 MTBE Contamination Level: NOT REPORTED  
 Interim Remediation: Yes  
 Interim Remediation Date: 12/01/1994  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: NOT REPORTED  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: NOT REPORTED  
 Funding: NOT REPORTED  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: 07/09/1996  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 10/15/1996  
 Abatement: Excavate and Dispose (landfill) of soil  
 Comments: REQ CASE CLOSURE-07/09/96

Facility ID: 01-2156  
 Region: 2  
 Entered Date: NOT REPORTED  
 Correspondence: NOT REPORTED  
 Case Number: NOT REPORTED  
 How Discovered: NOT REPORTED  
 How Stopped: NOT REPORTED  
 Leak Source: NOT REPORTED  
 Facility Status: NOT REPORTED  
 Update Status: NOT REPORTED  
 Review Status: NOT REPORTED  
 Priority: Not reported  
 Local Agency: NOT REPORTED  
 Case Type: NOT REPORTED

Cross Street: NOT REPORTED  
 Record Number: NOT REPORTED  
 Last Review: NOT REPORTED  
 Release Date: NOT REPORTED  
 Staff Initial: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Stopped Date: NOT REPORTED  
 Leak Cause: NOT REPORTED

Primary Substance: NOT REPORTED  
 Secondary Substance: NOT REPORTED  
 Maximum Soil Concentration: NOT REPORTED  
 Maximum Groundwater Impact: NOT REPORTED  
 Current Benzene in Groundwater: NOT REPORTED  
 Maximum Benzene Concentration: NOT REPORTED  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: NOT REPORTED  
 Interim Remediation: NOT REPORTED  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: NOT REPORTED  
 Case List: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**FINDLEY ADHESIVES INC (Continued)**

1000190324

Enforcement Type: NOT REPORTED  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: NOT REPORTED  
 Funding: NOT REPORTED  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED

**LUST Alameda County:**

Facility ID: 610 Region: ALAMEDA  
 Inspector: JE Case Closed Date: 09/20/1996  
 Priority: LOW/Water Source/No Impact

**South Bay Region 2:**

Facility ID: 01-2156 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local Agency (Santa Clara Valley Water District)  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 0  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Diesel  
 Secondary Substance Spilled: Gasoline  
 Problem Caused by UST: No  
 Contaminant Concentration Type (1): NOT REPORTED  
 Key Contaminant Concentration (1): NOT REPORTED  
 Initial Maximum Concentration (1): NOT REPORTED  
 Current Maximum Concentration (1): NOT REPORTED  
 Contaminant Concentration Type (2): NOT REPORTED  
 Key Contaminant Concentration (2): NOT REPORTED  
 Initial Maximum Concentration (2): NOT REPORTED  
 Current Maximum Concentration (2): NOT REPORTED  
 Contaminant Concentration Type (3): NOT REPORTED  
 Key Contaminant Concentration (3): NOT REPORTED  
 Initial Maximum Concentration (3): NOT REPORTED  
 Plume in Length (FT): NOT REPORTED  
 Size Depth (FT): NOT REPORTED  
 Municipal Drinking Wells Affected: NOT REPORTED  
 Private Drinking Wells Affected: NOT REPORTED  
 Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: 3 (Feet)  
 Maximum Soil Concentration of Contaminates: 1000 (parts per million)  
 Max Grndwater Concentration of Contaminates: 660 (parts per billion)  
 Benzene: 9  
 Maximum Benzene: 9  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**FINDLEY ADHESIVES INC (Continued)**

1000190324

Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

81  
NE  
1/4-1/2  
Higher

**NED CLYDE CONSTRUCTION**  
**2311 ADELIN ST**  
**OAKLAND, CA 94607**

LUST S102434298  
 S Bay Reg. 2 N/A  
 LUST

State LUST:

Case Number: 01-1036 Cross Street: NOT REPORTED  
 Reg Board: San Francisco Bay Region Qty Leaked: NOT REPORTED  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Case Type: Other ground water affected  
 Status: Post remedial action monitoring in progress  
 Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Excavate and Dispose - remove contaminated soil and dispose in approved site  
 Review Date: 05/07/1990 Confirm Leak: 03/17/1992  
 Workplan: 05/01/1989 Prelim Assess: 05/12/1989  
 Pollution Char: 05/12/1989 Remed Plan: 04/01/1991  
 Remed Action: 05/01/1989 Monitoring: 04/01/1991  
 Close Date: 03/00/0000 Release Date: 01/20/1989

LUST Region 2:

Facility ID: 01-1036 Cross Street: NOT REPORTED  
 Region: 2 Record Number: 3498

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NED CLYDE CONSTRUCTION (Continued)**

S102434298

Entered Date:	04/21/1989	Last Review:	05/07/1990
Correspondence:	02/18/1992	Release Date:	01/20/1989
Case Number:	3806	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	12/14/1988
How Stopped:	Close Tank	Stopped Date:	01/20/1989
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Post remedial action monitoring in progress		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	Unleaded Gasoline		
Maximum Soil Concentration:	340		
Maximum Groundwater Impact:	8000		
Current Benzene in Groundwater:	1500		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	8		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	01/20/1989		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	1		
Enforcement Date:	03/17/1992		
Responsible Party Search:	Insolvent - Identified and not financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned -	The following dates are assigned as the status progresses:		
Leak Confirmed:	03/17/1992		
Workplan Submitted:	05/01/1989		
Assessment Underway:	05/12/1989		
Pollution Characterization:	05/12/1989		
Corrective Action Plan:	04/01/1991		
Remediation Underway:	05/01/1989		
Monitoring Begun:	04/01/1991		
Case Closed:	NOT REPORTED		
Abatement:	Excavate and Dispose (landfill) of soil, Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)		
Comments:	LOP UPDATE--10/21/93		

**LUST Alameda County:**

Facility ID:	3806	Region:	ALAMEDA
Inspector:	JE	Case Closed Date:	NOT REPORTED
Priority:	HIGH/Fast Action/RP Clos Reqst		

**South Bay Region 2:**

Facility ID:	01-1036	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NED CLYDE CONSTRUCTION (Continued)**

**S102434298**

Phase of Work by Responsible Party:	8
National Priority List:	NOT REPORTED
Primary Substance Spilled:	Gasoline
Secondary Substance Spilled:	Unleaded Gasoline
Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	8 (Feet)
Maximum Soil Concentration of Contaminates:	340 (parts per million)
Max Grndwater Concentration of Contaminates:	8000 (parts per billion)
Benzene:	1500
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NED CLYDE CONSTRUCTION (Continued)**

S102434298

Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

**P82**  
**NE**  
**1/4-1/2**  
**Higher**

**NORTHWESTERN VENETIAN BLIND SUPPLY CO**  
**1218 24TH ST**  
**OAKLAND, CA**

**S Bay Reg. 2** S101007019  
**CA SLIC** N/A

South Bay Region 2:

Facility ID:	01S0205	Staff:	SA
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	NOT REPORTED		
Lead:	Regional Water Quality Board		
Facility Status:	INACTIVE		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	NOT REPORTED		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	NOT REPORTED		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	NOT REPORTED		
Max Grndwater Concentration of Contaminates:	NOT REPORTED		
Benzene:	NOT REPORTED		
Maximum Benzene:	NOT REPORTED		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTHWESTERN VENETIAN BLIND SUPPLY CO (Continued)**

**S101007019**

Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTHWESTERN VENETIAN BLIND SUPPLY CO (Continued)**

S101007019

SLIC Region 2:

Facility ID:	01S0205	Last Site Update:	01/24/1994
Activity Status:	Inactive	Case Engineer:	Sumadhu Arigala
NPL Status:	Not an NPL site	Discovery Date:	NOT REPORTED
Case Type:	Soil	Sample Date:	01././0000
Facility Desc:	NOT REPORTED		
Contamination:	NOT REPORTED		
Comment:	NOT REPORTED		
Contamination Level:			NOT REPORTED
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal Action Taken/Needed:			NOT REPORTED
Soil Removal or Contaminant Action Started:			NOT REPORTED
Soil Removal or Contaminant Action Completed:			NOT REPORTED
On-Site Groundwater Extraction or Containment is Needed:			NOT REPORTED
On-Site Groundwater Extraction or Containment Started:			NOT REPORTED
Off-Site Groundwater Extraction or Containment is Needed:			NOT REPORTED
Off-Site Groundwater Extraction or Containment Started:			NOT REPORTED
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:			NOT REPORTED
Date of Wells Closure:			NOT REPORTED
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:			01././0000
Stages of Site Investigation Process Initiated:			
Site Characterization Phase:			Not reported
Post Site Characterization Phase:			Not reported
Interim Remedial Action:			Not reported
Post Interim Remedial Action:			Not reported
Final Remedial Action Plan:			Not reported
Remedial Action Order:			Not reported
Final Remedial Action:			Not reported
Post Final Remedial Action:			Not reported

Q83  
 South  
 1/4-1/2  
 Lower

**KELLY'S TRUCK REPAIR**  
 1390 7TH ST  
 OAKLAND, CA 94607

LUST                      S102432156  
 S Bay Reg. 2          N/A  
 LUST

State LUST:

Case Number:	01-2118	Cross Street:	MANDELLA PKWY
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Kerosene		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/25/1996	Confirm Leak:	10/06/1995
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	02/14/1994

LUST Region 2:

Facility ID:	01-2118	Cross Street:	MANDELLA PKWY
Region:	2	Record Number:	4398
Entered Date:	06/14/1994	Last Review:	01/25/1996
Correspondence:	03/17/1994	Release Date:	02/14/1994
Case Number:	4620	Staff Initial:	KLK

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**KELLY'S TRUCK REPAIR (Continued)**

**S102432156**

How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Leak Source: Tank  
 Facility Status: Leak being confirmed  
 Update Status: NOT REPORTED  
 Review Status: NOT REPORTED  
 Priority: Not reported  
 Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley  
 Case Type: Other ground water or surface water is affected or threatened  
 Primary Substance: Kerosene  
 Secondary Substance: NOT REPORTED  
 Maximum Soil Concentration: 2500  
 Maximum Groundwater Impact: 5500  
 Current Benzene in Groundwater: 140  
 Maximum Benzene Concentration: 140  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: No  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: Local Agency Inactive  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: 10/06/1995  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: No Action Taken  
 Comments: WAS 01NCY0235; MAXSOIL-GW TPH-G REQ. CASE CLOSURE.. 10/15/96

**LUST Alameda County:**

Facility ID: 4620  
 Inspector: JE  
 Priority: HIGH/Fast Action/RP Clos Reqst  
 Region: ALAMEDA  
 Case Closed Date: NOT REPORTED

**South Bay Region 2:**

Facility ID: 01-2118  
 Case Number: NOT REPORTED  
 Last Update: NOT REPORTED  
 RWQCB Initials: NOT REPORTED  
 DOHS Initials: NOT REPORTED  
 Type: Other ground water or surface water is affected or threatened  
 Lead: Local agency is responsible for the cases but the case is not being actively overseen  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED  
 Phase of Work by Responsible Party: 1  
 National Priority List: NOT REPORTED  
 Primary Substance Spilled: Kerosene  
 Secondary Substance Spilled: NOT REPORTED  
 Staff: NOT REPORTED  
 File Number: NOT REPORTED  
 Case Type: NOT REPORTED  
 EPA Contact: NOT REPORTED  
 Map Number: NOT REPORTED

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KELLY'S TRUCK REPAIR (Continued)**

S102432156

Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	2500 (parts per million)
Max Grndwater Concentration of Contaminates:	5500 (parts per billion)
Benzene:	140
Maximum Benzene:	140
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**KELLY'S TRUCK REPAIR (Continued)**

S102432156

Comments NOT REPORTED

Q84  
South  
1/4-1/2  
Lower

**CHEVRON**  
1395 7TH ST  
OAKLAND, CA

S Bay Reg. 2 S102426652  
LUST N/A

State LUST:

Case Number:	01-0323	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
Abate Method:	Remove Free Product - remove floating product from water table		
Review Date:	09/08/1994	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	04/19/1985
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	06/05/1985

LUST Region 2:

Facility ID:	01-0323	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2718
Entered Date:	NOT REPORTED	Last Review:	09/08/1994
Correspondence:	07/14/1989	Release Date:	06/05/1985
Case Number:	NOT REPORTED	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	06/05/1985
How Stopped:	Close Tank	Stopped Date:	06/05/1985
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Misc. Motor Vehicle Fuels		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	16		
Maximum Groundwater Impact:	Free product in the well		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	3		
Depth to Groundwater:	8		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	04/19/1985		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned - The following dates are assigned as the status progresses:			
Leak Confirmed:	NOT REPORTED		
Workplan Submitted:	NOT REPORTED		
Assessment Underway:	04/19/1985		
Pollution Characterization:	NOT REPORTED		
Corrective Action Plan:	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON (Continued)**

S102426652

Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)  
 Comments: SENT FILE TO ACHD 9/94

South Bay Region 2:

Facility ID:	01-0323	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Misc. Motor Vehicle Fuels		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	8 (Feet)		
Maximum Soil Concentration of Contaminates:	16 (parts per million)		
Max Grndwater Concentration of Contaminates:	99999999 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		
Current Level Concentration (2):	NOT REPORTED		
Contaminant Concentration (3):	NOT REPORTED		
Well or Boring Number (3):	NOT REPORTED		





MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**LAHER SPRING AND ELECTRIC CAR (Continued)**

S102008282

the Department's records to confirm a list of sites where the Department was involved in the cleanup and the cleanup had been completed. This Auditor General list became the basis for our historical certification information. Many of the sites on this list were handled by our Surveillance and Enforcement Staff. Much of this work was in response to complaints from the public or reports from industry and the response action may have only addressed the immediate problem and not the entire facility. Our records do not indicate the actual date this site was certified. Our records show 09/1983. We have used the date 09/01/1983 because this gives us the earliest statute of limitations.

R88  
NNW  
1/2-1  
Higher

**LDS TRUCKING  
WOOD ST (2233)  
OAKLAND, CA 94607**

Cortese

S101293750  
N/A

**CORTESE:**

Facility ID: 01-004770      Data Source: CALSI

R89  
NNW  
1/2-1  
Higher

**LDS TRUCKING  
2233 WOOD STREET  
OAKLAND, CA 94607**

Cal-Sites

S102008225  
N/A

**CAL-SITES:**

Facility ID: 01420127  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This facility is one of the sites included in the Cypress Reconstruction project. Not reported. The property is used as a truck repair shop. Not reported. Automobiles, trucks, debris, auto parts are found across the property along with noticeable surface soils staining. Not reported. In addition, an underground storage tank exists containing diesel. Not reported. Soil sampling done in March 1994 has detected total petroleum hydrocarbons as high as 4250 ppm, toluene as high as 276 ppb, ethyl benzene as high as 22 ppb, xylene as high as 136 ppb and lead at 121 ppm. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 2233 WOOD STREET  
 OAKLAND, CA 94607

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

LDS TRUCKING (Continued)

S102008225

Alternative Name: DS TRUCKING  
Alternative Addr: 2233 WOOD STREET  
OAKLAND, CA 94607  
Comment Date: 05/24/1993  
Comment: This site is one of the sites included in the Cypress Freeway reconstruction project in Oakland, Ca It is a triangular shaped lot with an operating truck repair at its southwest end Available information indicates that various automobiles Trucks, debris, and auto parts are found all over the property, visible signs of oil, diesel, and possibly gasoline stains on the soil surfaces across the entire property were also noted; an unused, unpermitted diesel underground storage tank/(UST) is present on the northeast side of the property Soil and groundwater sampling was conducted in March 1993 in conjunction with CalTrans activities and revealed presence of the following contaminants in the soil: Total petroleum hydrocarbons (TPH) as gasoline as high as 296 ppm; TPH as diesel as high as 193 ppm; Total Recoverable petroleum hydrocarbons (TRPH) as high as 4,230 ppm; Toluene as high as 276 ppb; Ethyl-benzene- 22 ppb; xylene - 136 ppb; and lead - 121 ppm Additional site characterization is needed to determine extent of contamination

90  
SSW  
1/2-1  
Lower

MICRONESIAN CARGO INTERNATIONAL  
955 7TH STREET  
OAKLAND, CA 94607

Cal-Sites

S101661388  
N/A

CAL-SITES:

Facility ID: 01420129  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 12/21/95  
Status: NO FURTHER ACTION FOR DTSC  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: NO FURTHER ACTION FOR DTSC  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: NO FURTHER ACTION FOR DTSC  
Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
Activity Status: NO FURTHER ACTION FOR DTSC  
Activity: VCA - COMPLETION  
Activity Status: NO FURTHER ACTION FOR DTSC  
Background: This site is adjacent to the Caltrans right-of-way for rebuilding of the Cypress Freeway. Not reported Two footings excav are planned near the rear of the property within the existing Caltran's right-of-way. Not reported Therefore Caltrans conducted a Phase I site investigation to determine if any site activities had caused contamination on Caltrans property. Not reported An unregistered 1000 gallon underground storage tank was located at the rear of the property. Not reported The soil samples showed total petroleum hydrocarbons up to 30 ppm. Not reported The remedial action plan concluded that no action was required at the footing locations. Not reported A health and safety plan will be developed for construction workers. Not reported  
Alternative Name: CYPRESS RECONSTRUCTION PROJECT  
Alternative Addr: 955 7TH STREET  
OAKLAND, CA 94607

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MICRONESIAN CARGO INTERNATIONAL (Continued)**

S101661388

Alternative Name: YPRESS FREEWAY  
Alternative Addr: 955 7TH STREET  
OAKLAND, CA 94607  
Alternative Name: ICRONESIAN CARGO INTERNATIONAL  
Alternative Addr: 955 7TH STREET  
OAKLAND, CA 94607  
Comment Date: NOT REPORTED  
Comment: NOT REPORTED

91  
WSW  
1/2-1  
Lower

**925 WILLOW COURT  
OAKLAND, CA 94607**

CHMIRS

S100220111  
N/A

CHMIRS:

OES Control Number: 9011701 DOT ID: 1830  
DOT Hazard Class: Corrosives  
Chemical Name: BATTERY ACID  
Extent of Release: NOT REPORTED  
CAS Number: NOT REPORTED Quantity Released: 0  
Environmental Contamination: None Reported Property Use: Vacant Lot  
Incident Date: 06-JUL-90 Date Completed: 06-JUL-90

92  
South  
1/2-1  
Lower

**ALL MERCEDES DISMANTLERS  
7TH (1225)  
OAKLAND, CA 94607**

Cortese

S101293797  
N/A

CORTESE:

Facility ID: 01-000177 Data Source: LTNKA

93  
SW  
1/2-1  
Lower

**RELIABLE HANDI CAB  
7TH ST (1520)  
OAKLAND, CA 94607**

Cortese  
LUST  
S Bay Reg. 2  
LUST

S101293801  
N/A

State LUST:

Case Number:	01-1234	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	06/06/1995	Confirm Leak:	03/05/1992
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	06/20/1995	Release Date:	04/13/1992

LUST Region 2:

Facility ID:	01-1234	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3721
Entered Date:	09/23/1992	Last Review:	06/06/1995
Correspondence:	04/04/1994	Release Date:	04/13/1992
Case Number:	3703	Staff Initial:	KLK



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RELIABLE HANDI CAB (Continued)**

S101293801

Facility Status:	NOT REPORTED
Discovered Date:	NOT REPORTED
Facility Description:	NOT REPORTED
Phase of Work by Responsible Party:	9
National Priority List:	NOT REPORTED
Primary Substance Spilled:	Gasoline
Secondary Substance Spilled:	Mineral Spirits
Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	5.03 (Feet)
Maximum Soil Concentration of Contaminates:	4900 (parts per million)
Max Grndwater Concentration of Contaminates:	33000 (parts per billion)
Benzene:	-1
Maximum Benzene:	630
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**RELIABLE HANDI CAB (Continued)**

S101293801

Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

94  
West  
1/2-1  
Lower

1111 PINE ST. / AREA OF  
OAKLAND, CA

CHMIRS

S100191632  
N/A

CHMIRS:

OES Control Number: 8801768 DOT ID: 1935  
 DOT Hazard Class: Poisonous and etiologic (infectious) material  
 Chemical Name: CYANIDE SOLUTION  
 Extent of Release: Release Beyond Property Use of Origin  
 CAS Number: NOT REPORTED Quantity Released: 2700  
 Environmental Contamination: Ground Property Use: County/City Road  
 Incident Date: 15-JUN-88 Date Completed: 15-JUN-88

95  
North  
1/2-1  
Higher

KANTOR'S FURNITURE  
2525 CYPRESS  
OAKLAND, CA 92626

Notify 65  
S Bay Reg. 2  
LUST

U000057305  
N/A

State LUST:

Case Number: 01-0849 Cross Street: NOT REPORTED  
 Reg Board: San Francisco Bay Region Qty Leaked: NOT REPORTED  
 Chemical: Gasoline  
 Lead Agency: Local Agency  
 Case Type: Soil only  
 Status: Signed off, remedial action completed or deemed unnecessary  
 Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)  
 Review Date: 08/22/1989 Confirm Leak: 03/00/0000  
 Workplan: 03/00/0000 Prelim Assess: 03/00/0000  
 Pollution Char: 03/00/0000 Remed Plan: 03/00/0000  
 Remed Action: 03/00/0000 Monitoring: 03/00/0000  
 Close Date: 03/18/1996 Release Date: 07/20/1989

LUST Region 2:

Facility ID: 01-0849 Cross Street: NOT REPORTED  
 Region: 2 Record Number: 3284  
 Entered Date: 08/22/1989 Last Review: 08/22/1989  
 Correspondence: 09/09/1992 Release Date: 07/20/1989  
 Case Number: 3694 Staff Initial: KLG  
 How Discovered: Tank Closure Discovered Date: 07/10/1989  
 How Stopped: Close Tank Stopped Date: 07/20/1989  
 Leak Source: Tank Leak Cause: Structure Failure  
 Facility Status: Signed off, remedial action completed or deemed unnecessary  
 Update Status: File archived  
 Review Status: NOT REPORTED  
 Priority: Not reported  
 Local Agency: Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KANTOR'S FURNITURE (Continued)**

**U000057305**

Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.

Primary Substance: Gasoline  
 Secondary Substance: NOT REPORTED  
 Maximum Soil Concentration: 34  
 Maximum Groundwater Impact: 0  
 Current Benzene in Groundwater: 0  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: 07/20/1989  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal

*Date Status Was First Assigned - The following dates are assigned as the status progresses:*

Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: 03/18/1996

Abatement: Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)  
 Comments: ARCHIVED 11/1/96 CONTROL NO 120-103 REQ CASE CLOSURE 12/27/95 (2525 MANDELA PKWY);CASE CLOSED!!

**LUST Alameda County:**

Facility ID: 3694 Region: ALAMEDA  
 Inspector: CL Case Closed Date: 03/18/1996  
 Priority: MOD/Impact-Invest/Pot.Soil TLV

**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: Not Reported

**South Bay Region 2:**

Facility ID: 01-0849 Staff: NOT REPORTED  
 Case Number: NOT REPORTED File Number: NOT REPORTED  
 Last Update: NOT REPORTED Case Type: NOT REPORTED  
 RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
 DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
 Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
 Lead: Local Agency (Santa Clara Valley Water District  
 Facility Status: NOT REPORTED  
 Discovered Date: NOT REPORTED  
 Facility Description: NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

KANTOR'S FURNITURE (Continued)

U000057305

Phase of Work by Responsible Party:	9
National Priority List:	NOT REPORTED
Primary Substance Spilled:	Gasoline
Secondary Substance Spilled:	NOT REPORTED
Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	34 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**KANTOR'S FURNITURE (Continued)**

U000057305

Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

96  
NNE  
1/2-1  
Higher

**C. E. TOLAND & SON, INC.**  
**2635 PERALTA**  
**OAKLAND, CA 92626**

Notify 65

S100179299  
N/A

NOTIFY 65:

Date Reported: NOT REPORTED      Staff Initials: NOT REPORTED  
 Board File Number: NOT REPORTED  
 Facility Type: NOT REPORTED  
 Discharge Date: NOT REPORTED  
 Incident Description: Not Reported

97  
NNE  
1/2-1  
Higher

**2600 UNION**  
**OAKLAND, CA 94607**

CHMIRS

S100276806  
N/A

CHMIRS:

OES Control Number: 9100536      DOT ID: NOT REPORTED  
 DOT Hazard Class: Not Reported  
 Chemical Name: WASTE MOTOR OIL  
 Extent of Release: NOT REPORTED  
 CAS Number: NOT REPORTED      Quantity Released: 0  
 Environmental Contamination: None Reported      Property Use: Industrial, Utility  
 Incident Date: 19-JUN-91      Date Completed: 19-JUN-91

98  
NE  
1/2-1  
Higher

**E Z REST PRODUCTS**  
**ADELINE ST (2528)**  
**OAKLAND, CA 94607**

Cortese  
S Bay Reg. 2  
LUST

S101293661  
N/A

LUST Region 2:

Facility ID:	NOT REPORTED	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2931
Entered Date:	NOT REPORTED	Last Review:	07/30/1989
Correspondence:	NOT REPORTED	Release Date:	02/23/1987
Case Number:	01NBC0014	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	02/23/1987
How Stopped:	Close Tank	Stopped Date:	02/23/1987
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	No leak action taken by responsible party after initial report of leak		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley		
Case Type:	There is insufficient data or information to determine whether groundwater and/or soil has been impacted.		
Primary Substance:	Misc. Motor Vehicle Fuels		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	0		
Maximum Groundwater Impact:	0		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E Z REST PRODUCTS (Continued)**

**S101293661**

Current Benzene in Groundwater: 0  
 Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: Regional Board Inactive  
 Case List: NBC  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
     Leak Confirmed: NOT REPORTED  
     Workplan Submitted: NOT REPORTED  
     Assessment Underway: NOT REPORTED  
     Pollution Characterization: NOT REPORTED  
     Corrective Action Plan: NOT REPORTED  
     Remediation Underway: NOT REPORTED  
     Monitoring Begun: NOT REPORTED  
     Case Closed: NOT REPORTED  
 Abatement: No Action Taken

**CORTESE:**

Facility ID: 01-002272      Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	NOT REPORTED	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	There is insufficient data or information to determine whether groundwater and/or soil has been impacted		
Lead:	Region Board is responsible for the cases but the case is not being actively overseen		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	0		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Misc. Motor Vehicle Fuels		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**E Z REST PRODUCTS (Continued)**

S101293661

Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	0 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

99  
NNE  
1/2-1  
Higher

**C.E. TOLAND & SON**  
**PERALTA ST (2635)**  
**OAKLAND, CA 94607**

**Cortese**  
**LUST**

**S101293730**  
**N/A**

LUST Alameda County:

Facility ID: 919  
Inspector: CL  
Priority: NOT REPORTED

Region: ALAMEDA  
Case Closed Date: 03/29/1996

CORTESE:

Facility ID: 01-000386      Data Source: LTNKA

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

100  
South  
1/2-1  
Lower

**CONTAINER FREIGHT**  
1285 5TH ST  
OAKLAND, CA 94607

**LUST**  
**Cal-Sites**

**S102008226**  
**N/A**

LUST Alameda County:

Facility ID:	5507	Region:	ALAMEDA
Inspector:	SH	Case Closed Date:	NOT REPORTED
Priority:	MOD/Impact-Invest/Pot.Soil TLV		

CAL-SITES:

Facility ID	01420128
Facility Type:	VOLUNTARY CLEANUP PROGRAM
Status Date:	05/10/94
Status:	VOLUNTARY CLEANUP PROGRAM
Lead:	DEPT OF TOXIC SUBSTANCES CONTROL
Activity:	CERTIFICATION
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	DESIGN
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	I/SE, IORSE, FFA, FFSRA, VCA, EA
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	PRELIMINARY ENDANGERMENT ASSESSMENT
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	REMEDIAL ACTION (RAP REQUIRED)
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	REMEDIAL ACTION PLAN / RECORD OF DECISION
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Background:	Part of Cypress Freeway Reconstruction ProjectNot reported Ab 2,000-gallonNot reported diesel underground storage tanks is on the propertyNot reported Sampling done in June 1992 showed no total petroleum hydrocarbids in soil or groundwaterNot reported Histor uses are unknownNot reported Union Street Ramp to be constructed the siteNot reported
Alternative Name:	YPRESS RECONSTRUCTION
Alternative Addr:	1285 5TH STREET OAKLAND, CA 94607
Alternative Name:	YPRESS FREEWAY/CONTAINER FREIGHT
Alternative Addr:	1285 5TH STREET OAKLAND, CA 94607
Alternative Name:	CONTAINER FREIGHT
Alternative Addr:	1285 5TH STREET OAKLAND, CA 94607
Comment Date:	NOT REPORTED
Comment:	NOT REPORTED

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
S101 North 1/2-1 Higher	2600 CAMPBELL OAKLAND, CA 94607	CHMIRS	S100278422 N/A
CHMIRS: OES Control Number: 9100530 DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: NON HAZARD Extent of Release: NOT REPORTED CAS Number: NOT REPORTED Quantity Released: 0 Environmental Contamination: None Reported Property Use: Industrial, Utility Incident Date: 17-JUN-91 Date Completed: 17-JUN-91			
S102 North 1/2-1 Higher	2600 CAMPBELL OAKLAND, CA 94607	CHMIRS	S100276803 N/A
CHMIRS: OES Control Number: 9100530 DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: NON HAZARD Extent of Release: NOT REPORTED CAS Number: NOT REPORTED Quantity Released: 0 Environmental Contamination: None Reported Property Use: Industrial, Utility Incident Date: 17-JUN-91 Date Completed: 17-JUN-91			
103 SSW 1/2-1 Lower	SMILO CHEMICAL COMPANY 500 KIRKHAM STREET OAKLAND, CA 94607	Cal-Sites	S102008244 N/A
CAL-SITES: Facility ID: 01510022 Facility Type: VOLUNTARY CLEANUP PROGRAM Status Date: 05/10/94 Status: VOLUNTARY CLEANUP PROGRAM Lead: DEPT OF TOXIC SUBSTANCES CONTROL Activity: CERTIFICATION Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: DESIGN Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: DISCOVERY Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: PRELIMINARY ASSESSMENT Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: PRELIMINARY ENDANGERMENT ASSESSMENT Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL ACTION (RAP REQUIRED) Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY Activity Status: VOLUNTARY CLEANUP PROGRAM			

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SMILO CHEMICAL COMPANY (Continued)**

S102008244

Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This company resold surplus chemicalsNot reported Also repack  
 if containers damagedNot reported Cement lined sumps or wooden b  
 received drainage from dock and dumpsterNot reported  
 This site is located within the Cypress Realignment  
 ProjectNot reported Caltrans has completed a PEA at this siteNot  
 will be excavated and site paved for use as training area  
 for postal vehiclesNot reported  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 500 KIRKHAM STREET  
 OAKLAND, CA 94607  
 Alternative Name: YPRESS FREEWAY  
 Alternative Addr: 500 KIRKHAM STREET  
 OAKLAND, CA 94607  
 Alternative Name: & A TRUCK REPAIR  
 Alternative Addr: 500 KIRKHAM STREET  
 OAKLAND, CA 94607  
 Alternative Name: MILO CHEMICAL COMPANY  
 Alternative Addr: 500 KIRKHAM STREET  
 OAKLAND, CA 94607  
 Comment Date: 06/26/1979  
 Comment: INSPECTION(STATE) JOINT INSP(EPA REG 9 & DHS/TSCD BERK)  
 RESPONSE TO COMPLAINT RECOM OF C-U TIO2  
 ON GRND & IN DRAINAGE DITCH PRIOR TO F-U  
 INSP  
 INSPECTION(STATE) DHS-ASP SAMPLING  
 INSPECTION(STATE) RWQCB IN VIO OF (S)13350  
 INSPECTION(STATE) (& 4-1;4-16) INTERIM STATUS COMPLI INSP  
 DHS-TSCD,BERKELEY C-U & CONSTR OF NEW  
 SUMPS, CONCRET LOADING & BERMD WORK AREA  
 ENFORCEMENT(OTHER) CO ISSUED ISD  
 ENFORCEMENT(OTHER) DHS RECOM CORRECTIVE ACTIONS  
 ENFORCEMENT(OTHER) CO REQ ISD BE RESCINDED  
 INSPECTION(STATE) DHS VERIFY NO TSD ACTIVE RECISION OF  
 ISD WILL BE GRANTED  
 FACILITY IDENTIFIED ID FROM ERRIS  
 DHS-TSCD BERKELEY FILE WHOLESALE DISTR  
 OF SURPLUS CHEMS & ALLIED PRODSPACKAGIG  
 & RESALE OF PRODSWASTE TYPE:POLYSTYRENE  
 YRS OF OPER: 1954-PRESENT  
 INCIDENT: 8/11/80 EMPLOYEE CONTACT W/  
 SODIUM CHROMATE  
 SUBMIT TO EPA  
 HAZARD MITIGATED CONTAMINATED SOIL WAS REMOVED TO WEST  
 CONTRA COSTA LNDF SITE WAS PAVED OR  
 GRADED AND GRAVELED  
 PRELIM ASSESS DONE RCRA 3012  
 SITE SCREENING DONE SITE MITIGATED (11/21/84) NFA  
 REPORTED FOR PROP65  
 ON CORTESE LIST  
 SITE SCREENING DONE RE-EVALUATION OF DHS PRELIMINARY ASSESS-  
 MENT  
 DELETED FROM CORTESESITE MITIGATED  
 Identified in path of new Cypress Freeway Reconstruction  
 project Caltrans to purchase the property

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
T104 West 1/2-1 Lower	ARCO 10TH ST (1820) OAKLAND, CA 94607	Cortese	S101293756 N/A
CORTESE: Facility ID: 01-001863      Data Source: LTNKA			
T105 West 1/2-1 Lower	1830 10TH STREET OAKLAND, CA 94607	CHMIRS	S100276479 N/A
CHMIRS: OES Control Number: 9099654      DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: NONE Extent of Release: NOT REPORTED CAS Number: NOT REPORTED      Quantity Released: 0 Environmental Contamination: None Reported      Property Use: Manufacturing Incident Date: 30-OCT-90      Date Completed: 30-OCT-90			
106 NNW 1/2-1 Lower	PENNZOIL GAS STATION GRAND AVE (2015) ALAMEDA, CA	Cortese	S101306277 N/A
CORTESE: Facility ID: 01-001269      Data Source: LTNKA			
107 South 1/2-1 Lower	A/O 5TH / MAGNOLIA OAKLAND, CA 94607	CHMIRS	S100221746 N/A
CHMIRS: OES Control Number: 9099733      DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: OIL, MOTOR Extent of Release: NOT REPORTED CAS Number: NOT REPORTED      Quantity Released: 0 Environmental Contamination: None Reported      Property Use: County/City Road Incident Date: 14-DEC-90      Date Completed: 14-DEC-90			
U108 North 1/2-1 Higher	B & P DISMANTLERS WOOD ST (2525) OAKLAND, CA 94607	Cortese	S101293751 N/A
CORTESE: Facility ID: 01-004792      Data Source: CALSI			
U109 North 1/2-1 Higher	2526 WOOD STREET OAKLAND, CA 94607	CHMIRS	S100276466 N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100276466

CHMIRS:

OES Control Number: 9099621 DOT ID: NOT REPORTED  
 DOT Hazard Class: Not Reported  
 Chemical Name: TRANSMISSION FLUID  
 Extent of Release: NOT REPORTED  
 CAS Number: NOT REPORTED Quantity Released: 0  
 Environmental Contamination: None Reported Property Use: Residential  
 Incident Date: 15-OCT-90 Date Completed: 15-OCT-90

U110  
North  
1/2-1  
Higher

B & P DISMANTLERS  
2525 WOOD STREET  
OAKLAND, CA 94607

Cal-Sites

S102008262  
N/A

CAL-SITES:

Facility ID: 01750017  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: DESIGN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This property is part of the Cypress Reconstruction project. Not reported. The property currently is used as an auto/truck repair and dismantling shop. Not reported. Visible signs of oil stains exist in the surface soils across property along with abandoned auto/truck, parts and debris. Not reported. Soil and groundwater sampling done in March 1993 detected total petroleum hydrocarbons (THP) as high as 3330 ppm, toluene as high as 32 ppm, xylene as high as 62 ppb, and soluble lead as high as 83 ppm. Not reported. Groundwater samples have detected nickel (0) and zinc (0) (Not reported 7 ppm). Not reported.  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 2525 WOOD STREET  
 OAKLAND, CA 94607  
 Alternative Name: & P DISMANTLERS  
 Alternative Addr: 2525 WOOD STREET  
 OAKLAND, CA 94607  
 Comment Date: 05/25/1993  
 Comment: It is a triangular shaped property currently being used as an automobile, truck repair & dismantling shop. Available information indicated that there are visible signs of oil, diesel and possibly gasoline stains on the



MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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**B & P DISMANTLERS (Continued)**

S102008262

surface soils  
 Soil and groundwater sampling was conducted in March in conjunction with CalTrans activities and revealed the presence of the following contaminants in the soil: Total Petroleum Hydrocarbons (TPH) as gasoline as high as 42 ppm; TPH as diesel - 508 ppm; Total Recoverable Petroleum Hydrocarbons (TRPH) as high as 3,330 ppm; toluene - 32 ppb; Xylene - 62 ppb; and Soluble Lead 834 ppm Groundwater samples showed the following contaminants; Nickel - 01 ppm, Zinc - 07 ppm  
 Site listed on Cortese  
 Site delisted from Cortese

V111  
SSE  
1/2-1  
Lower

**MARBLE TECHNICS WEST**  
 1035 7TH STREET  
 OAKLAND, CA 94607

Cal-Sites

S102008279  
N/A

**CAL-SITES:**

Facility ID: 01990012  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: Part of Cypress Freeway reconstruction projectNot reported Leaki 10,000 gallon UST was removed in 1988Not reported Alameda County overseeing monitoring of 1 wellNot reported Additional work is n at siteNot reported Limited sampling done in June 1992 showed no or groundwater contaminationNot reported  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1035 7TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: YPREES FREEWAY/ MARBLE TECHNICS WEST  
 Alternative Addr: 1035 7TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: ARBLE TECHNICS WEST  
 Alternative Addr: 1035 7TH STREET  
 OAKLAND, CA 94607  
 Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

V112  
SSE  
1/2-1  
Lower

**VEND MART PROPERTY**  
 7TH ST (1035)  
 OAKLAND, CA 94706

Cortese  
LUST  
S Bay Reg. 2  
LUST

S101293799  
N/A

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

VEND MART PROPERTY (Continued)

S101293799

State LUST:

Case Number:	01-1778	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment workplan submitted		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	07/21/1993	Confirm Leak:	03/00/0000
Workplan:	10/17/1988	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	03/00/0000

LUST Region 2:

Facility ID:	01-1778	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4153
Entered Date:	06/15/1993	Last Review:	07/21/1993
Correspondence:	06/18/1993	Release Date:	NOT REPORTED
Case Number:	3621	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	06/21/1988
How Stopped:	Close Tank	Stopped Date:	06/21/1988
Leak Source:	Unknown	Leak Cause:	Unknown
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	0		
Maximum Groundwater Impact:	0		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	NOT REPORTED		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	06/21/1988		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned - The following dates are assigned as the status progresses:			
Leak Confirmed:	NOT REPORTED		
Workplan Submitted:	10/17/1988		
Assessment Underway:	NOT REPORTED		
Pollution Characterization:	NOT REPORTED		
Corrective Action Plan:	NOT REPORTED		
Remediation Underway:	NOT REPORTED		
Monitoring Begun:	NOT REPORTED		
Case Closed:	NOT REPORTED		
Abatement:	Excavate and Treat soil. (e.g. aeration, biodegradation, etc.)		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**VEND MART PROPERTY (Continued)**

**S101293799**

Comments: FROM LOP LIST

LUST Alameda County:

Facility ID:	3621	Region:	ALAMEDA
Inspector:	SH	Case Closed Date:	NOT REPORTED
Priority:	MOD/Impact-Invest/Pot.To Cover		

CORTESE:

Facility ID: 01-001751      Data Source: LTNKA

South Bay Region 2:

Facility ID:	01-1778	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Grndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VEND MART PROPERTY (Continued)**

S101293799

Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

113  
 SW  
 1/2-1  
 Lower

**OAKLAND MAIN POST OFFICE PARKING STRUCT.**  
 1675 7TH STREET  
 OAKLAND, CA 94607

Cal-Sites

S102008227  
 N/A

CAL-SITES:

Facility ID: 01430001  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 02/01/95  
 Status: CERTIFIED  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: CERTIFIED  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: CERTIFIED  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: CERTIFIED  
 Activity: REMOVAL ACTION  
 Activity Status: CERTIFIED  
 Activity: VCA - COMPLETION  
 Activity Status: CERTIFIED  
 Background: Not reported  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1675 7TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: YPRESS FREEWAY/POST OFFICE PARKING STRU  
 Alternative Addr: 1675 7TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: AKLAND MAIN POST OFFICE PARKING STRUCT.  
 Alternative Addr: 1675 7TH STREET  
 OAKLAND, CA 94607  
 Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
114 SSE 1/2-1 Lower	<b>CHANG'S AUTOMOTIVE</b> 1009 7TH STREET OAKLAND, CA 94607  CAL-SITES: Facility ID: 01750019 Facility Type: VOLUNTARY CLEANUP PROGRAM Status Date: 05/10/94 Status: VOLUNTARY CLEANUP PROGRAM Lead: DEPT OF TOXIC SUBSTANCES CONTROL Activity: CERTIFICATION Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL ACTION (RAP REQUIRED) Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION Activity Status: VOLUNTARY CLEANUP PROGRAM Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY Activity Status: VOLUNTARY CLEANUP PROGRAM Background: Part of Cypress Freeway Reconstruction Project Not reported Sampling done in June 1992 showed TRPH in soil (13-43ppm) and elevated levels of heavy metals in unfiltered ground-water samples Not reported Caltrans has completed investigation of footing locations Not reported Low levels of TPH, and elevated levels of heavy metals found Not reported  Alternative Name: YPRESS RECONSTRUCTION Alternative Addr: 1009 7TH STREET OAKLAND, CA 94607  Alternative Name: YPRESS FREEWAY/CHANG'S AUTOMOTIVE Alternative Addr: 1009 7TH STREET OAKLAND, CA 94607  Alternative Name: HANG'S AUTOMOTIVE Alternative Addr: 1009 7TH STREET OAKLAND, CA 94607  Comment Date: 05/30/1995 Comment: Caltrans will not purchase easement Footing relocated next to an abandoned on ramp of I-880	Cal-Sites	S102008263 N/A
115 NNE 1/2-1 Higher	<b>NONE</b> 1229 28TH OAKLAND, CA 92626	Notify 65	S100179268 N/A
	NOTIFY 65: Date Reported: NOT REPORTED    Staff Initials: NOT REPORTED Board File Number: NOT REPORTED Facility Type: NOT REPORTED Discharge Date: NOT REPORTED Incident Description: Not Reported		
W116 South 1/2-1 Lower	<b>CONDOR FREIGHT</b> UNION ST (324) OAKLAND, CA 94607	Cortese	S101293745 N/A
	CORTESE: Facility ID: 01-000581    Data Source: CALSI		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

W117  
 South  
 1/2-1  
 Lower

CONDOR FREIGHT LINES  
 UNION ST (324)  
 OAKLAND, CA 94607

Cortese  
 LUST  
 S Bay Reg. 2  
 LUST

S101293746  
 N/A

State LUST:

Case Number:	01-1305	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment underway		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	09/24/1996	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	06/14/1995
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	03/00/0000

LUST Region 2:

Facility ID:	01-1305	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2845
Entered Date:	06/17/1993	Last Review:	09/24/1996
Correspondence:	10/22/1996	Release Date:	NOT REPORTED
Case Number:	1741	Staff Initial:	KLK
How Discovered:	Subsurface Monitoring	Discovered Date:	04/12/1993
How Stopped:	NOT REPORTED	Stopped Date:	04/12/1993
Leak Source:	Unknown	Leak Cause:	Unknown
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow groundwater, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Diesel
Secondary Substance:	Mineral Spirits
Maximum Soil Concentration:	13000
Maximum Groundwater Impact:	540
Current Benzene in Groundwater:	-1
Maximum Benzene Concentration:	1
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	3.95
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	04/12/1993
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	NOT REPORTED
Workplan Submitted:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONDOR FREIGHT LINES (Continued)**

S101293746

Assessment Underway: 06/14/1995  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: Excavate and Dispose (landfill) of soil  
 Comments: URF ONLY;REQ CASE CLOSURE-9/24/96

**LUST Alameda County:**

Facility ID: 1741 Region: ALAMEDA  
 Inspector: SH Case Closed Date: NOT REPORTED  
 Priority: MOD/Impact-Invest/Pot.To Cover

**CORTESE:**

Facility ID: 01-000581 Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	01-1305	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Diesel		
Secondary Substance Spilled:	Mineral Spirits		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	3.95 (Feet)		
Maximum Soil Concentration of Contaminates:	13000 (parts per million)		
Max Grndwater Concentration of Contaminates:	540 (parts per billion)		
Benzene:	-1		
Maximum Benzene:	1		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONDOR FREIGHT LINES (Continued)**

**S101293746**

Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

W118  
South  
1/2-1  
Lower

**CONDOR FREIGHT LINE**  
**324 UNION ST**  
**OAKLAND, CA 94607**

**FINDS**  
**Ca. FID**  
**Cal-Sites**

**1000191295**  
**CAD982317190**

**CAL-SITES:**

Facility ID: 01420126  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: The Conder Freight site is one of the sites in the Cypress Freeway Reconstruction. Not reported. Records indicate that site has had a trucking and freight operation for at least 17 years. Not reported. It is a RCRA Facility with five underground



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONDOR FREIGHT LINE (Continued)**

1000191295

storage tanks Not reported. Of these, two are 10,000-gallon capacity diesel tanks, one is a waste oil tank, one is a fresh oil tank, and one is an abandoned solvent tank. Not reported. The solvent tank is reportedly filled with water. Not reported. All the tanks are reported to have tested leak-free in 1988, and recently. Not reported.

Site investigation was conducted by Caltrans consultants in June 1992. Not reported. Soil and groundwater samples were collected as part of the investigation. Not reported. Groundwater was encountered at a depth of 6-7 feet. Not reported. Soil samples revealed the following contaminants: total recoverable petroleum hydrocarbons (TRPH) as high as 6,700 ppm; TPH as diesel as high as 3,800 ppm; acetone-150 ppb; Di-N-butylphthalate 0. Not reported. 9 ppm; BIS (2-ethylhexyl) phthalate 0. Not reported. 9 ppm; 0. Not reported. 3 ppm; benzo-a-pyrene 0. Not reported. 3 ppm; lead (840 following contaminants were detected in groundwater: arsenic (0. Not reported. 22 ppm); barium (1. Not reported. 1 ppm); and cadmium (0. Not reported. 02 ppm). Not reported.

Alternative Name: YPRESS RECONSTRUCTION

Alternative Addr: 324 UNION STREET  
OAKLAND, CA 94607

Alternative Name: CONDOR FREIGHT  
Alternative Addr: 324 UNION STREET  
OAKLAND, CA 94607

Comment Date: NOT REPORTED

Comment: NOT REPORTED

**FID:**

Facility ID:	01000581	Regulate ID:	00042073
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	NOT REPORTED	SIC Code:	NOT REPORTED
Status:	Active	Facility Tel:	(415) 763-6628
Mail To:	NOT REPORTED 324 UNION ST OAKLAND, CA 94607		
Contact:	NOT REPORTED	Contact Tel:	NOT REPORTED
DUNs No:	NOT REPORTED	NPDES No:	NOT REPORTED
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	NOT REPORTED		
Comments:	NOT REPORTED		

119  
SSE  
1/2-1  
Lower

**GOODYEAR TIRE & RUBBER**  
7TH ST (985)  
OAKLAND, CA 94607

Cortese

S101293807  
N/A

**CORTESE:**

Facility ID: 01-003384      Data Source: LTNKA

120  
NNE  
1/2-1  
Higher

**ALAMEDA CHEMICAL AND SCIENTIFIC**  
2668 HANNAH STREET  
OAKLAND, CA 94608

Cal-Sites

S102008173  
N/A

**CAL-SITES:**

Facility ID: 01280089  
Facility Type: N/A  
Status Date: 01/01/85  
Status: CERTIFIED  
Lead: N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALAMEDA CHEMICAL AND SCIENTIFIC (Continued)**

**S102008173**

Activity: CERTIFICATION  
 Activity Status: CERTIFIED  
 Background: Not reported  
 Alternative Name: TILES PLANT  
 Alternative Addr: 2668 HANNAH STREET  
                           OAKLAND, CA 94608  
 Alternative Name: LAMEDA CHEMICAL AND SCIENTIFIC  
 Alternative Addr: 2668 HANNAH STREET  
                           OAKLAND, CA 94608  
 Comment Date: 01/01/1985  
 Comment: 323 cubic yards of contaminated soil and 300 gallons of  
           liquids were removed  
           This certification was confirmed by a report prepared by the  
           Auditor General. The Auditor General conducted an audit of  
           the Department's records to confirm a list of sites where  
           the Department was involved in the cleanup and the cleanup  
           had been completed. This Auditor General list became the  
           basis for our historical certification information. Many of  
           the sites on this list were handled by our Surveillance and  
           Enforcement Staff. Much of this work was in response to  
           complaints from the public or reports from industry and the  
           response action may have only addressed the immediate  
           problem and not the entire facility.  
           Our records do not indicate the actual date this site was  
           certified. Our records show 01/1985. We have used the date  
           01/01/1985 because this gives us the earliest statute of  
           limitations.

121  
SSW  
1/2-1  
Lower

**ROBO'S JUNKYARD**  
**KIRKHAM / 3RD ST (NO STREET NBR)**  
**OAKLAND, CA**

**Cortese**

**S101306644**  
**N/A**

CORTESE:  
 Facility ID: 01-001370      Data Source: LTNKA

X122  
SSW  
1/2-1  
Lower

**SOUTHERN PACIFIC TRANS CO**  
**1401 3RD ST**  
**OAKLAND, CA 94607**

**HAZNET**  
**Cal-Sites**

**S102008217**  
**N/A**

CAL-SITES:  
 Facility ID: 01400003  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CEQA INCLUDING NEGATIVE DECS  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: DESIGN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMOVAL ACTION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN PACIFIC TRANS CO (Continued)**

S102008217

Activity: REMOVAL ACTION WORKPLAN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: A voluntary Cleanup Agreement was signed with Caltrans while an I or SE Order was issued to Southern Pacific Transportation Company. Not reported. Caltrans and the City of Oakland propose that a portion of the site be developed into an urban park. Not reported. The remainder will become part of the Express Freeway. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1401 THIRD STREET  
 OAKLAND, CA 94607

Alternative Name: OBO'S JUNKYARD  
 Alternative Addr: 1401 THIRD STREET  
 OAKLAND, CA 94607

Comment Date: 10/08/1991  
 Comment: Southern Pacific submitted letter with sample results for soil remediated after 4 underground tanks removed. The County is overseeing the fuel remediation, but DDT family (to 22 ppm) & dieldrin pesticides found in soil. Bioremediation of fuel continues and SP will report any reduction in pesticides. DTSC does not expect any decrease and recommends PEA medium before planned BART development can occur.  
 NOT REPORTED  
 NOT REPORTED  
 According to SP's consultant Industrial Compliance, bioremediation of soil reduced DDT in one pile from 20 to 5 ppm over 90 days. However, SP decided to remove the piles (in which TPH had also been bioremediated) for disposal.

X123  
SSW  
1/2-1  
Lower

**DC METALS**  
 1414 3RD ST  
 OAKLAND, CA 94607

LUST S101641564  
 S Bay Reg. 2 N/A  
 AWP  
 CA SLIC  
 Cal-Sites

LUST Alameda County:

Facility ID: 933 Region: ALAMEDA  
 Inspector: JE Case Closed Date: NOT REPORTED  
 Priority: MOD/Water Source/Soil Bad-ReDo

CAL-SITES:

Facility ID: 01390001  
 Facility Type: RESPONSIBLE PARTY  
 Status Date: 04/26/96  
 Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Activity: DESIGN  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Activity: ENFORCEMENT FOLLOW UP, AG OR DA REFERRAL, ETC.  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

DC METALS (Continued)

S101641564

Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Background: Site was occupied by AMCO Chemical CorpNot reported until Decembe  
 SEB inspected the site on August 4, 1988Not reported An order to  
 ost the site was issued on August 8, 1988Not reported On February  
 1989 a Report of Violation was issued to correct violations  
 related to leakage of hazardous waste from piping and con-  
 tainers; storage of hazardous waste in deteriorated or  
 otherwise corroded conditions; and unlabeled waste contain-  
 ersNot reported  
 Not reported  
 Soil and groundwater located outside of the site boundary  
 has been sampled by Caltrans and Southern PacificNot reported Ele  
 levels of VOC's (vinyl chloride,1,1-DCE,PCE,1,1,1-TCA,1,2-  
 DCE, acetone, toluene and xylene have been found in soil  
 and/or groundwaterNot reported  
 Not reported  
 Possible pathways of contamination are inhalation, dermal  
 contact or ingestion of soil or groundwaterNot reportedPossible r  
 tors include residents and persons working at DC Metals or  
 nearby businessesNot reported On April 26, 1996, DTSC issued an i  
 order and RAONot reported  
 Not reported  
 UNot reported SNot reported EPA is currently implementing a respo  
 address high concentrations of vinyl chloride at and near  
 the DC Metals siteNot reported UNot reportedSNot reported EPA pl  
 extraction and treatment system, an possibly a soil vapor  
 extraction system, which will address vinyl chloride and  
 other contaminants found in shallow groundwater and soilsNot repo  
 UNot reportedSNot reported EPA anticipates that the shallow groun  
 ion and treatment system will remediate the areas with the  
 highest concentrations of vinyl chloride in groundwater,  
 including the area within 3rd StreetNot reported DTSC intends to  
 upon the actions taken by UNot reportedSNot reported EPA, and wil  
 to monitor and evaluate the effectiveness of these systemsNot rep  
 Additional extraction wells can be added in the future, if  
 necessary, to enhance the effectiveness of the extraction  
 systemNot reported  
 Not reported  
 Characterization of deeper soils and groundwater beneath and  
 migrating from the DC Metals site will be conducted, if  
 necessary, after the completion of UNot reportedSNot reported EPA  
 actionNot reported  
 Alternative Name: MCO CHEMICAL  
 Alternative Addr: 1414 THIRD STREET  
 OAKLAND, CA 94607  
 Alternative Name: C METALS  
 Alternative Addr: 1414 THIRD STREET  
 OAKLAND, CA 94607  
 Alternative Name: .C. METALS, INC.  
 Alternative Addr: 1414 THIRD STREET  
 OAKLAND, CA 94607  
 Comment Date: 05/01/1996

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

DC METALS (Continued)

S101641564

Comment: DTSC issued IorSE Order and RAO to DC Metals, Cypress Street Investments and AMCO Chemical Corp

AWP Facility ID: 01390001 Facility Type: RP

South Bay Region 2:

Facility ID:	01S0423	Staff:	SA
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	NOT REPORTED		
Lead:	NOT REPORTED		
Facility Status:	REFERRED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	NOT REPORTED		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	NOT REPORTED		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	NOT REPORTED		
Max Grndwater Concentration of Contaminates:	NOT REPORTED		
Benzene:	NOT REPORTED		
Maximum Benzene:	NOT REPORTED		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		
Current Level Concentration (2):	NOT REPORTED		
Contaminant Concentration (3):	NOT REPORTED		
Well or Boring Number (3):	NOT REPORTED		
Initial Level Concentration (3):	NOT REPORTED		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

DC METALS (Continued)

S101641564

Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

SLIC Region 2:

Facility ID: 01S0423 Last Site Update: 07/19/1995  
 Activity Status: Referred to another RWQCB division or agency Engineer: Sumadhu Arigala  
 NPL Status: Not an NPL site Discovery Date: NOT REPORTED  
 Case Type: NOT REPORTED Sample Date: 01./)0000  
 Facility Desc: NOT REPORTED  
 Contamination: NOT REPORTED  
 Comment: NOT REPORTED  
 Contamination Level: NOT REPORTED  
 Number of Municipal Wells Contaminated by Site: 0  
 Number of Private Wells Contaminated by Site: 0  
 Soil Removal Action Taken/Needed: NOT REPORTED  
 Soil Removal or Contaminant Action Started: NOT REPORTED  
 Soil Removal or Contaminant Action Completed: NOT REPORTED  
 On-Site Groundwater Extraction or Containment is Needed: NOT REPORTED  
 On-Site Groundwater Extraction or Containment Started: NOT REPORTED  
 Off-Site Groundwater Extraction or Containment is Needed: NOT REPORTED  
 Off-Site Groundwater Extraction or Containment Started: NOT REPORTED  
 Length of Contamination Plume (Feet): 0  
 Depth of Contamination Plume (Feet): 0  
 Wells Closed Due To Contamination of Site: NOT REPORTED  
 Date of Wells Closure: NOT REPORTED  
 Nearest Public or Private Drinking Water Well (Feet): 0  
 Under Jurisdiction of Lead Agency Date: 01./)0000  
 Stages of Site Investigation Process Initiated:  
     Site Characterization Phase: Not reported  
     Post Site Characterization Phase: Not reported  
     Interim Remedial Action: Not reported  
     Post Interim Remedial Action: Not reported  
     Final Remedial Action Plan: Not reported  
     Remedial Action Order: Not reported  
     Final Remedial Action: Not reported  
     Post Final Remedial Action: Not reported

124  
 North  
 1/2-1  
 Higher

JT TRUCKING  
 CYPRESS ST (2818)  
 OAKLAND, CA 94608

Cortese

S101293683  
 N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**JT TRUCKING (Continued)**

**S101293683**

CORTESE:

Facility ID: 01-000952

Data Source: LTNKA

125  
North  
1/2-1  
Higher

**WAREHAM PROPERTY  
CYPRESS ST (2855)  
OAKLAND, CA 94607**

**Cortese  
S Bay Reg. 2  
LUST**

**S101293684  
N/A**

**State LUST:**

Case Number:	01-1647	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	09/24/1991	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	09/09/1991

**LUST Region 2:**

Facility ID:	01-1647	Cross Street:	NOT REPORTED
Region:	2	Record Number:	4169
Entered Date:	10/01/1991	Last Review:	09/24/1991
Correspondence:	09/09/1991	Release Date:	09/09/1991
Case Number:	3712	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	09/03/1991
How Stopped:	Close Tank	Stopped Date:	09/09/1991
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Diesel
Secondary Substance:	NOT REPORTED
Maximum Soil Concentration:	1800
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal





MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**WAREHAM PROPERTY (Continued)**

S101293684

Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

Y126  
NNE  
1/2-1  
Higher

**LINDFORD AIR & REFRIGERATION**  
2850 POPLAR  
OAKLAND, CA 94608

Notify 65

S100453871  
N/A

NOTIFY 65:

Date Reported:	NOT REPORTED	Staff Initials:	NOT REPORTED
Board File Number:	NOT REPORTED		
Facility Type:	NOT REPORTED		
Discharge Date:	NOT REPORTED		
Incident Description:	Not Reported		

Y127  
NNE  
1/2-1  
Higher

**LINDFORD AIR & REFRIGERATION**  
2850 POPLAR  
OAKLAND, CA 94608

Notify 65  
LUST

S100453834  
N/A

LUST Alameda County:

Facility ID:	4048
Inspector:	SH
Priority:	NOT REPORTED

Region:	ALAMEDA
Case Closed Date:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

LINFORD AIR & REFRIGERATION (Continued)

S100453834

NOTIFY 65:

Date Reported: 07/30/1992 Staff Initials: NOT REPORTED  
Board File Number: 0LG921236  
Facility Type: Leak Rpt  
Discharge Date: 07/27/1992  
Incident Description: Not Reported  
Date Reported: 07/30/1992 Staff Initials: NOT REPORTED  
Board File Number: 0LG921236  
Facility Type: Leak Rpt  
Discharge Date: 07/27/1992  
Incident Description: Not Reported

Y128  
NNE  
1/2-1  
Higher

LINFORD AIR & REFRIGERATION  
POPLAR (2850)  
OAKLAND, CA 94608

Cortese

S101293732  
N/A

CORTESE:

Facility ID: 01-001027 Data Source: LTNKA

129  
SW  
1/2-1  
Lower

1550 3RD STREET  
OAKLAND, CA 94607

CHMIRS

S100276833  
N/A

CHMIRS:

OES Control Number: 9100601 DOT ID: 1350  
DOT Hazard Class: Flammable solids, spontaneously combustible materials  
and materials that are dangerous when wet  
Chemical Name: SULFUR  
Extent of Release: Confined to Floor of Origin  
CAS Number: NOT REPORTED Quantity Released: 1000  
Environmental Contamination: Ground Property Use: County/City Road  
Incident Date: 02-JUL-91 Date Completed: 07-JUL-91

130  
WSW  
1/2-1  
Lower

B & A AUTO DISMANTLERS  
1823 SHOREY STREET  
OAKLAND, CA 94607

Cal-Sites

S102008243  
N/A

CAL-SITES:

Facility ID: 01500106  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 01/08/97  
Status: CERTIFIED  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: DESIGN  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION (RAP REQUIRED)  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: VOLUNTARY CLEANUP PROGRAM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**B & A AUTO DISMANTLERS (Continued)**

S102008243

Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This facility is one of the sites included in the Cypress Freeway Reconstruction Project. Not reported. It is currently operating as an auto dismantler and is occupied with abandoned cars, car parts, and debris. Not reported. Site investigations indicate surface soil including Total Petroleum Hydrocarbons (TPH) as high as 6350 ppm and lead as high as 161 ppm. Not reported. Groundwater samples have shown TPH as high as 2. Not reported. 6 ppm. Not reported. This site is located at the undercrossing. Not reported. As part of construction, the entire site will be excavated. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1823 SHOREY STREET  
 OAKLAND, CA 94607

Alternative Name: & A AUTO DISMANTLERS  
 Alternative Addr: 1823 SHOREY STREET  
 OAKLAND, CA 94607

Comment Date: 05/04/1993  
 Comment: Earlier site investigations indicated surface soil contamination. Another investigation was conducted in October 1992 in conjunction with CalTrans activities and revealed presence of the following contaminants in soil: Total Recoverable Petroleum Hydrocarbons (TRPH) as high as 6,350 ppm; and lead as high as 161 ppm. Groundwater samples also showed TRPH as high as 26 ppm. Surface soil staining was also noted during sampling activities.

131  
SW  
1/2-1  
Lower

**SMITH'S WRECKING YARD**  
 1600 3RD STREET  
 OAKLAND, CA 94607

Cal-Sites

S102008281  
N/A

**CAL-SITES:**

Facility ID: 01990014  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: DESIGN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMOVAL ACTION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMOVAL ACTION WORKPLAN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: Part of Cypress Freeway reconstruction project. Not reported. Caltra

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SMITH'S WRECKING YARD (Continued)**

S102008281

plans to develop site into a neighborhood parkNot reported  
Site contains wrecked automobiles, parts and other  
debrisNot reported Soil staining was observed during first sampl  
eventNot reported Samples showed elevated levels of TRPH and met  
Site is located adjacent to residential areas and is  
partially fencedNot reported

Alternative Name: YPRESS RECONSTRUCTION  
Alternative Addr: 1600 3RD STREET  
OAKLAND, CA 94607  
Alternative Name: YPREES FREEWAY/SMITH'S WRECKING YARD  
Alternative Addr: 1600 3RD STREET  
OAKLAND, CA 94607  
Alternative Name: MITH'S WRECKING YARD  
Alternative Addr: 1600 3RD STREET  
OAKLAND, CA 94607  
Comment Date: NOT REPORTED  
Comment: NOT REPORTED

132  
South  
1/2-1  
Lower

**NORCAL METAL FABRICATORS**  
3RD ST (1121)  
OAKLAND, CA 94607

Cortese S101293783  
S Bay Reg. 2 N/A  
LUST

State LUST:

Case Number:	01-1054	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Leak being confirmed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	09/08/1994	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	04/30/1992

LUST Region 2:

Facility ID:	01-1054	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3517
Entered Date:	08/04/1992	Last Review:	09/08/1994
Correspondence:	06/15/1992	Release Date:	04/30/1992
Case Number:	NOT REPORTED	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	04/30/1992
How Stopped:	Close Tank	Stopped Date:	04/30/1992
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	0		
Maximum Groundwater Impact:	0		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORCAL METAL FABRICATORS (Continued)**

S101293783

Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: NOT REPORTED  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
 Leak Confirmed: NOT REPORTED  
 Workplan Submitted: NOT REPORTED  
 Assessment Underway: NOT REPORTED  
 Pollution Characterization: NOT REPORTED  
 Corrective Action Plan: NOT REPORTED  
 Remediation Underway: NOT REPORTED  
 Monitoring Begun: NOT REPORTED  
 Case Closed: NOT REPORTED  
 Abatement: No Action Taken  
 Comments: GW PIT SAMPLE 470 PPB TPHG; SENT FILE TO ACHD 9/94

**CORTESE:**

Facility ID: 01-001167      Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	01-1054	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	1		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORCAL METAL FABRICATORS (Continued)**

S101293783

Maximum Soil Concentration of Contaminates: 0 (parts per million)  
 Max Grndwater Concentration of Contaminates: 0 (parts per billion)  
 Benzene: 0  
 Maximum Benzene: 0  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

133  
WSW  
1/2-1  
Lower

1800 GOSS  
OAKLAND, CA

CHMIRS

S100279320  
N/A

CHMIRS:

OES Control Number: 8906605 DOT ID: 1993  
 DOT Hazard Class: Not Reported  
 Chemical Name: FLAMMABLE LIQUID, NOS  
 Extent of Release: NOT REPORTED  
 CAS Number: NOT REPORTED Quantity Released: NOT REPORTED  
 Environmental Contamination: None Reported Property Use: Vacant Lot  
 Incident Date: 14-JUN-89 Date Completed: 15-JUN-89

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

Z134  
North  
1/2-1  
Higher

**GENERAL TRANSPORTATION INC.**  
**3211 WOOD ST.**  
**OAKLAND, CA 94608**

**UST**  
**LUST**  
**S Bay Reg. 2**  
**LUST**  
**Cal-Sites**

**U001599281**  
**N/A**

State LUST:

Case Number:	01-0690	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	No leak action taken by responsible party after initial report of leak		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	02/17/1993	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	05/19/1992

LUST Region 2:

Facility ID:	01-0690	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3106
Entered Date:	03/24/1993	Last Review:	02/17/1993
Correspondence:	06/18/1992	Release Date:	05/19/1992
Case Number:	4074	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	05/13/1992
How Stopped:	Close Tank	Stopped Date:	05/13/1992
Leak Source:	Tank	Leak Cause:	Corrosion
Facility Status:	No leak action taken by responsible party after initial report of leak		
Update Status:	NOT REPORTED		
Review Status:	Undefined		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Diesel
Secondary Substance:	Gasoline
Maximum Soil Concentration:	0
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	NOT REPORTED
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	Solvent - Identified and financially capable of performing work.
Funding:	Federal
Date Status Was First Assigned - The following dates are assigned as the status progresses:	
Leak Confirmed:	NOT REPORTED
Workplan Submitted:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

GENERAL TRANSPORTATION INC. (Continued)

U001599281

Assessment Underway: NOT REPORTED  
Pollution Characterization: NOT REPORTED  
Corrective Action Plan: NOT REPORTED  
Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED

Abatement: No Action Taken  
Comments: URF ONLY

LUST Alameda County:

Facility ID: 4074 Region: ALAMEDA  
Inspector: SH Case Closed Date: NOT REPORTED  
Priority: MOD/Impact-Invest/Pot.To Cover

CAL-SITES:

Facility ID 01750018  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 04/16/97  
Status: NO FURTHER ACTION FOR DTSC  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: SITE SCREENING  
Activity Status: ANNUAL WORKPLAN - ACTIVE SITE

Background: This facility is one of the sites included in the Cypress Freeway Reconstruction project. The site has a storage building, a truck maintenance and repair building, and a recycling area (leased to Sutta Recycling). Four underground storage tanks were removed in May 1992. Soil and groundwater sampling done by Caltrans revealed total petroleum hydrocarbons (TPH) as high as 27 mg/kg, benzene as high as 6 mg/kg, toluene as high as 26 ppb, and lead as high as 220 ppm. No groundwater contamination has been detected to date.

Alternative Name: YPRESS RECONSTRUCTION  
Alternative Addr: 3211 WOOD STREET  
OAKLAND, CA 94607

Alternative Name: GENERAL TRANSPORTATION  
Alternative Addr: 3211 WOOD STREET  
OAKLAND, CA 94607

Comment Date: 05/26/1993

Comment: The facility is one of the sites included in the Cypress Freeway reconstruction project in Oakland, Ca. The site has a rectangular storage building at its southeast side, a truck maintenance and repair building to the west of the storage building, and a recycling area containing recycling materials leased to Sutta Recycling at its North side. Available information indicates that four underground storage tanks (UST) formerly located along the west side of the storage building, were removed in May 1992. Soil and groundwater sampling was conducted in March 1993 in conjunction with CalTrans activities and revealed the presence of the following contaminants in soil: Total



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GENERAL TRANSPORTATION INC. (Continued)**

U001599281

Petroleum Hydrocarbons (TPH) as diesel - 21 ppm; Total Recoverable petroleum Hydrocarbons (TRPH) as high as 276 ppm; Toluene as high as 26 ppb; and lead as high as 220 ppm Groundwater sample analyses showed non-detectable levels of contamination

South Bay Region 2:

Facility ID:	01-0690	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	0		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Diesel		
Secondary Substance Spilled:	Gasoline		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	0 (parts per million)		
Max Grndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		
Current Level Concentration (2):	NOT REPORTED		
Contaminant Concentration (3):	NOT REPORTED		
Well or Boring Number (3):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

GENERAL TRANSPORTATION INC. (Continued)

U001599281

Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

State UST:

Facility ID: 67004  
 Tank Num: 1  
 Tank Capacity: 8000  
 Tank Used for: WASTE  
 Type of Fuel: Not Reported  
 Leak Detection: Stock Inventor  
 Contact Name: JIM HARDGRAVE  
 Total Tanks: 2  
 Facility Type: 2

Container Num: 1001  
 Year Installed: NOT REPORTED  
 Tank Constrctn: X centimeters  
 Telephone: (415) 652-0628  
 Region: NOT REPORTED  
 Other Type: MOTOR CARRIER

Facility ID: 67004  
 Tank Num: 2  
 Tank Capacity: 10000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Leak Detection: Stock Inventor  
 Contact Name: JIM HARDGRAVE  
 Total Tanks: 2  
 Facility Type: 2

Container Num: 1002  
 Year Installed: NOT REPORTED  
 Tank Constrctn: Not reported  
 Telephone: (415) 652-0628  
 Region: NOT REPORTED  
 Other Type: MOTOR CARRIER

Z135  
North  
1/2-1  
Higher

GENERAL TRANSPORTATION  
WOOD ST (3211)  
OAKLAND, CA 94608

Cortese

S101293752  
N/A

CORTESE:

Facility ID: 01-000813 Data Source: CALSI

136  
WSW  
1/2-1  
Lower

OLD OAKLAND FIRE HOUSE 3  
727 PINE STREET  
OAKLAND, CA 94607

Cal-Sites

S102008273  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

OLD OAKLAND FIRE HOUSE 3 (Continued)

S102008273

CAL-SITES:

Facility ID: 01920064  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 11/28/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: Part of the Cypress Freeway Reconstruction Project  
 Diesel underground tank is located on northeast side of the property  
 Not reported A small leak was reported in 1985  
 Not reported in June 1992 showed no soil or groundwater contamination  
 from TPH-D  
 Not reported Tank will be removed under Alameda County oversight  
 Not reported  
 Alternative Name: YPRESS FREEWAY/FIRE STATION #3  
 Alternative Addr: 727 PINE STREET  
 OAKLAND, CA 94607  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 727 PINE STREET  
 OAKLAND, CA 94607  
 Alternative Name: YPRESS FREEWAY/OLD FIRE STATION #3  
 Alternative Addr: 727 PINE STREET  
 OAKLAND, CA 94607  
 Alternative Name: LD OAKLAND FIRE HOUSE 3  
 Alternative Addr: 727 PINE STREET  
 OAKLAND, CA 94607  
 Comment Date: 12/08/1992  
 Comment: Historical information is minimal The Fire Station No 3 is one of two sites included in the area of the Cypress Freeway reconstruction being undertaken by Caltrans Records indicate that the site has one diesel underground storage tank located on the northeast side of the property Site investigation was conducted by Caltrans in June 1992 Both soil and groundwater samples were analyzed for TPH as gasoline and diesel All samples did not indicate the presence of TPH above the detection limit of 50 ppm Voluntary Cleanup Agreement signed

137  
WSW  
1/2-1  
Lower

PHOENIX 800 PROPERTY  
800 CEDAR STREET  
OAKLAND, CA 94607

Cal-Sites

S102008191  
N/A

CAL-SITES:

Facility ID: 01330037  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

PHOENIX 800 PROPERTY (Continued)

S102008191

Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMOVAL ACTION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMOVAL ACTION WORKPLAN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: One of three properties on the Caltrans 880 Cypress Reconstruction Route formerly part of the historical Independent Iron Works operation from the 1950's. Not reported. The soil borings conducted for Caltrans in June 1992 found diesel hydrocarbons to 2,400 mg/kg in soil only. Not reported. A wet and "hydropunch" samples were negative. Not reported. The diesel originated from pipelines to one of the two tanks or spillage from tank filling. Not reported. Roughly 104 cubic yards of contaminated soil would require disposal or treatment. Not reported. Caltrans has fenced and posted the building and conducted asbestos removal. Not reported. The building will be demolished in May 1995. Not reported. After the building is demolished, additional soil samples will be collected from the building footprint. Not reported.  
 Alternative Name: HOENIX 800 PROPERTY  
 Alternative Addr: 800 CEDAR STREET  
 OAKLAND, CA 94607  
 Alternative Name: ALTRANS 880/CYPRESS RECONSTRUCTION  
 Alternative Addr: 800 CEDAR STREET  
 OAKLAND, CA 94607  
 Alternative Name: HOENIX PROPERTIES  
 Alternative Addr: 800 CEDAR STREET  
 OAKLAND, CA 94607  
 Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

138  
East  
1/2-1  
Higher

WELLS FARGO  
WEST AVE (2085)  
SAN LEANDRO, CA

Cortese

S101306772  
N/A

CORTESE:  
Facility ID: 01-001770 Data Source: LTNKA

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

139  
SSE  
1/2-1  
Lower

**EAST BAY FORD TRUCK**  
333 FIBERT ST  
OAKLAND, CA 94607

**FINDS**  
**RCRIS-LQG** CAD981443245  
**UST**  
Notify 65  
Ca. FID  
**HAZNET**  
**LUST**  
**S Bay Reg. 2**  
**LUST**

**RCRIS:**

Owner: U B HARPER  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(415) 829-0258

Record Date: 09/10/86

Classification: Large Quantity Generator, Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**State LUST:**

Case Number:	01-0531	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	<i>Signed off, remedial action completed or deemed unnecessary</i>		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	07/21/1993	Confirm Leak:	03/09/1992
Workplan:	01/04/1989	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	07/13/1994	Release Date:	10/26/1988

**LUST Region 2:**

Facility ID:	01-0531	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2936
Entered Date:	04/29/1992	Last Review:	07/21/1993
Correspondence:	07/13/1994	Release Date:	10/26/1988
Case Number:	1132	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	08/23/1988
How Stopped:	Close Tank	Stopped Date:	10/26/1988
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	File archived		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		
Primary Substance:	Waste Oil		
Secondary Substance:	NOT REPORTED		



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BAY FORD TRUCK (Continued)**

1000391095

National Priority List:	NOT REPORTED
Primary Substance Spilled:	Waste Oil
Secondary Substance Spilled:	NOT REPORTED
Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	49000 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site Database(s) EDR ID Number  
EPA ID Number

**EAST BAY FORD TRUCK (Continued)**

1000391095

Immediate Response Actions: NOT REPORTED  
Remediation: NOT REPORTED  
Characterization: NOT REPORTED  
Comments: NOT REPORTED

FID:

Facility ID:	01000660	Regulate ID:	00032731
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	NOT REPORTED	SIC Code:	NOT REPORTED
Status:	Inactive	Facility Tel:	(415) 835-4400
Mail To:	NOT REPORTED		
	333 FILBERT ST		
	OAKLAND, CA 94607		
Contact:	NOT REPORTED	Contact Tel:	NOT REPORTED
DUNs No:	NOT REPORTED	NPDES No:	NOT REPORTED
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	NOT REPORTED		
Comments:	NOT REPORTED		

State UST:

Facility ID:	32731		
Tank Num:	1	Container Num:	1
Tank Capacity:	400	Year Installed:	1966
Tank Used for:	PRODUCT		
Type of Fuel:	WASTE OIL	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	NOT REPORTED	Telephone:	(415) 835-4400
Total Tanks:	1	Region:	NOT REPORTED
Facility Type:	2	Other Type:	TRUCK SALES

AA140  
WSW  
1/2-1  
Lower

**CHURCH'S FRIED CHICKEN**  
7TH ST (1766)  
OAKLAND, CA 94607

Cortese

S101293802  
N/A

CORTESE:

Facility ID: 01-004787 Data.Source: CALSI

AA141  
WSW  
1/2-1  
Lower

**CHURCH'S FRIED CHICKEN**  
1766 7TH STREET  
OAKLAND, CA 94607

Cal-Sites

S102008249  
N/A

CAL-SITES:

Facility ID: 01540002  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 05/10/94  
Status: VOLUNTARY CLEANUP PROGRAM  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: DESIGN  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION (RAP REQUIRED)  
Activity Status: VOLUNTARY CLEANUP PROGRAM



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHURCH'S FRIED CHICKEN (Continued)**

S102008249

Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: The Church's Fried Chicken site is one of the sites of the Cypress Reconstruction. Not reported. Historical information indicates that the property was formerly occupied by a service station from 1962 to 1979 and that four 4,000-gallon tanks and one 550-gallon waste oil tank were maintained during that time. Not reported. These tanks were supposed to have been removed but records of the removal were not available. Not reported. In June 1992 soil groundwater samples were collected, and groundwater monitoring wells were installed. Not reported. Strong hydrocarbon odors noted during the investigation. Not reported. Soil samples indicate following contaminants: Total petroleum hydrocarbons (TPHG) as high as 5,000 ppm; benzene as high as 13,000 ppb; toluene as high as 30,000 ppb; ethyl benzene as high as 143,000 ppb; and xylene as high as 600,000 ppb. Not reported. Lead was also detected high as 1,500 ppm. Not reported. Groundwater sampling results indicate the following: TPHG (30 ppm); benzene (1,000 ppb); Toluene (900 ppb); ethyl benzene (400 ppm); and xylene (1,200 ppm). Not reported.  
 Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1766 7TH STREET  
 OAKLAND, CA 94607  
 Alternative Name: HURCH'S FRIED CHICKEN  
 Alternative Addr: 1766 7TH STREET  
 OAKLAND, CA 94607  
 Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

AB142  
WSW  
1/2-1  
Lower

**PHOENIX PROPERTIES  
CEDAR ST (766)  
OAKLAND, CA 94607**

Cortese

S101293675  
N/A

CORTESE:  
Facility ID: 01-004739      Data Source: CALSI

AB143  
WSW  
1/2-1  
Lower

**PHOENIX 766 PROPERTY  
766 CEDAR STREET  
OAKLAND, CA 94607**

Cal-Sites

S102008190  
N/A

CAL-SITES:  
 Facility ID: 01330036  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: DESIGN  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PHOENIX 766 PROPERTY (Continued)**

S102008190

Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This facility is one of the sites included in the Cypress Reconstruction project. Not reported. It is part of the historical independent Iron Works Operation from the 1950's. Not reported. Six soil borings conducted for Caltrans in June 1992 found lead levels above the STLC (8-31 mg/1) and one above the TTLC at 3,600 mg/kg across the site. Not reported. Roughly the upper 3' of soil, or 2,200 cubic yards, were estimated to require removal. Not reported.

Alternative Name: HOENIX 766 PROPERTY  
 Alternative Addr: 766 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 766 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: HOENIX PROPERTIES  
 Alternative Addr: 766 CEDAR STREET  
 OAKLAND, CA 94607

Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

144  
SSW  
1/2-1  
Lower

**PACIFIC DRY DOCK  
EMBARCADERO (1441)  
OAKLAND, CA 94606**

Cortese

S101293687  
N/A

CORTESE:  
Facility ID: 01-001236      Data Source: LTNKA

145  
South  
1/2-1  
Lower

**CLAY / EMBARCADERO WEST A/O  
OAKLAND, CA 94607**

CHMIRS

S100276396  
N/A

CHMIRS:  
 OES Control Number: 9099431      DOT ID: 2814  
 DOT Hazard Class: Poisonous and etiologic (infectious) material  
 Chemical Name: HOSPITAL WASTE  
 Extent of Release: No Release  
 CAS Number: NOT REPORTED      Quantity Released: 4  
 Environmental Contamination: None Reported      Property Use: County/City Road  
 Incident Date: 16-AUG-90      Date Completed: 16-AUG-90

146  
East  
1/2-1  
Higher

**FYNE PROPERTY  
GRAND AVE W. (774)  
OAKLAND, CA 94612**

Cortese  
S Bay Reg. 2  
LUST

S101293699  
N/A

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FYNE PROPERTY (Continued)**

S101293699

**State LUST:**

Case Number:	01-0674	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	09/12/1994	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	06/01/1988
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	03/16/1988

**LUST Region 2:**

Facility ID:	01-0674	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3089
Entered Date:	NOT REPORTED	Last Review:	09/12/1994
Correspondence:	06/20/1988	Release Date:	03/16/1988
Case Number:	NOT REPORTED	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	03/16/1988
How Stopped:	Close Tank	Stopped Date:	03/16/1988
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	170		
Maximum Groundwater Impact:	870		
Current Benzene in Groundwater:	0		
Maximum Benzene Concentration:	0		
Nuber of Wells:	NOT REPORTED		
Depth to Groundwater:	NOT REPORTED		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	NOT REPORTED		
Lead Agency:	Local Agency		
Case List:	FUEL		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	NOT REPORTED		
Funding:	Federal		
<b>Date Status Was First Assigned - The following dates are assigned as the status progresses:</b>			
Leak Confirmed:	NOT REPORTED		
Workplan Submitted:	NOT REPORTED		
Assessment Underway:	06/01/1988		
Pollution Characterization:	NOT REPORTED		
Corrective Action Plan:	NOT REPORTED		
Remediation Underway:	NOT REPORTED		
Monitoring Begun:	NOT REPORTED		
Case Closed:	NOT REPORTED		

Abatement: No Action Taken  
 Comments: SENT FILE TO ACHD 9/94

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

FYNE PROPERTY (Continued)

S101293699

CORTESE:

Facility ID: 01-000796 Data Source: LTNKA

South Bay Region 2:

Facility ID:	01-0674	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	NOT REPORTED		
Maximum Soil Concentration of Contaminates:	170 (parts per million)		
Max Grndwater Concentration of Contaminates:	870 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		
Initial Level Concentration (2):	NOT REPORTED		
Current Level Concentration (2):	NOT REPORTED		
Contaminant Concentration (3):	NOT REPORTED		
Well or Boring Number (3):	NOT REPORTED		
Initial Level Concentration (3):	NOT REPORTED		
Current Level Concentration (3):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**FYNE PROPERTY (Continued)**

S101293699

Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

147  
ESE  
1/2-1  
Lower

F/O 1700 CASTRO STREET  
OAKLAND, CA 94607

CHMIRS

S100221614  
N/A

CHMIRS:

OES Control Number: 9099601 DOT ID: NOT REPORTED  
 DOT Hazard Class: Not Reported  
 Chemical Name: WATER  
 Extent of Release: NOT REPORTED  
 CAS Number: NOT REPORTED Quantity Released: 0  
 Environmental Contamination: None Reported Property Use: County/City Road  
 Incident Date: 09-OCT-90 Date Completed: 09-OCT-90

AC148  
South  
1/2-1  
Lower

PORT OF OAKLAND/APL CONTAINER  
MIDDLE HARBOR RD (1395)  
OAKLAND, CA

Cortese

S101306649  
N/A

CORTESE:

Facility ID: 01-001316 Data Source: LTNKA

AC149  
South  
1/2-1  
Lower

1395 MIDDLE HARBOR ROAD  
OAKLAND, CA 94607

CHMIRS

1000485944  
N/A

CHMIRS:

OES Control Number: 9012894 DOT ID: 1896  
 DOT Hazard Class: Poisonous and etiologic (Infectious) material  
 Chemical Name: DIETHYLENE GLYCOL  
 Extent of Release: Release Beyond Property Use of Origin  
 CAS Number: NOT REPORTED Quantity Released: 35  
 Environmental Contamination: Ground Property Use: Harbor/Port  
 Incident Date: 12-SEP-90 Date Completed: 13-SEP-90

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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150 NE 1/2-1 Higher	958 28TH STREET OAKLAND, CA 92626	Notify 65	S100178648 N/A
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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:	Not Reported	

AC151 South 1/2-1 Lower	SHEREX CHEMICAL COMPANY (MIDDLE HARBOR) 1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607	Cal-Sites	S102008258 N/A
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CAL-SITES:

Facility ID	01730096
Facility Type:	N/A
Status Date:	03/14/95
Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead:	N/A
Activity:	DISCOVERY
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity:	PRELIMINARY ASSESSMENT
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity:	SITE SCREENING
Activity Status:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Background:	Not reported
Alternative Name:	IDDLE HARBOR ROAD
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Alternative Name:	SHLAND CHEMICAL CO.
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Alternative Name:	OREMOST MCKESSON CO.
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Alternative Name:	OREMOST DAIRIES
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Alternative Name:	L DORADO OIL WORKS
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Alternative Name:	HEREX CHEMICAL COMPANY (MIDDLE HARBOR)
Alternative Addr:	1401 MIDDLE HARBOR ROAD OAKLAND, CA 94607
Comment Date:	10/07/1980
Comment:	Facility identified via drive-by Facility Drive-by: Drive-by inspection Inspection (State): Collected seven soil samples Inspection (State): Took samples from four different locations: American Presidential Lines, Sherex, east and west sides of Western Pacific Sample Results: Heavy metal contamination Site referred to HMMS/Enforcement Violation Detected (Alameda County Health Dept): Waste treatment violation - 1986 Violation Corrected: Alameda County Health lead agency Site Screening Done: DHS received complaint report

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHEREX CHEMICAL COMPANY (MIDDLE HARBOR) (Continued)**

S102008258

Recommended Preliminary Assessment to attain additional info  
Site reported for Proposition 65  
Site listed on Cortese  
Facility Drive-by: Facility is demolished Lot is surrounded by a fence & gates are locked  
No DHS permit for former on-site boilers; treatment of nitrile-based waste  
Preliminary Assessment Done: Groundwater contamination identified Site Inspection needed to assess extent of contamination  
Preliminary Assessment submitted to EPA EPA recommendation is No Further Action since site is being remediated Site is not a candidate for NPL based on available information  
Delisted from Cortese

AD152  
SSE  
1/2-1  
Lower

**SAFETY KLEEN CORP 7 178 01**  
404 MARKET ST  
OAKLAND, CA 94607

FINDS 1000224433  
RCRIS-LQG CAD053044053  
RCRIS-TSD  
CORRACTS  
UST  
Ca. FID  
LUST  
S Bay Reg. 2  
LUST

**CORRACTS Data:**

Prioritization: Low  
Status: RCRA Facility Assessment Completed, RFI Workplan Approved, RCRA Facility Investigation Approved

**RCRIS Corrective Action Summary:**

Effective Date: 03/05/92  
Legal Authority: RCRA 3008(a) or equivalent  
Effective Date: 03/15/92  
Legal Authority: RCRA 3008(a) or equivalent

**RCRIS:**

Owner: SAFETY KLEEN CORP ELGIN IL  
(708) 697-8460

Contact: ENVIRONMENTAL MANAGER  
(708) 697-8460

Record Date: 08/18/80

Classification: Large Quantity Generator, Small Quantity Generator, TSDF, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	5914910.00	D006	294770.00
D007	294770.00	D008	294920.00
D018	5846006.00	D021	113144.00
D027	113144.00	D039	6587491.00
D040	113144.00	F001	422.00
F002	560227.00	F003	518.00
F005	518.00		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Used Oil Recyc: No

TSDF Activities: accepts waste from off-site

Violation Status: Violations exist, high priority violator, violations outstanding in the groundwater monitoring area

There are 6 compliance/violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	07/30/93
	TSD-Other Requirements	07/30/93
	TSD-Other Requirements	07/30/93
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/30/93
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	07/30/93
	TSD-Other Requirements	07/30/93
	Generator-Land Ban Requirements	07/30/93
	TSD-Land Ban Requirements	09/26/91
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	11/15/88
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/15/88
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	07/02/88

**LUST Region 2:**

Facility ID:	NOT REPORTED	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3774
Entered Date:	NOT REPORTED	Last Review:	10/13/1994
Correspondence:	10/10/1994	Release Date:	10/29/1986
Case Number:	01NBC0042	Staff Initial:	KLK
How Discovered:	Tank Closure	Discovered Date:	10/29/1986
How Stopped:	Close Tank	Stopped Date:	10/29/1986
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Remedial Investigation Phase		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Solvents		
Secondary Substance:	Mineral Spirits		
Maximum Soil Concentration:	12000		
Maximum Groundwater Impact:	Free product in the well		
Current Benzene in Groundwater:	-1		
Maximum Benzene Concentration:	0		
Nuber of Wells:	12		
Depth to Groundwater:	6.6		
MTBE Contamination Level:	0		
Interim Remediation:	Yes		
Interim Remediation Date:	06/12/1990		
Lead Agency:	Local Agency		
Case List:	NBC		
Enforcement Type:	0		
Enforcement Date:	NOT REPORTED		
Responsible Party Search:	Solvent - Identified and financially capable of performing work.		
Funding:	Federal		
Date Status Was First Assigned - The following dates are assigned as the status progresses:			
Leak Confirmed:	NOT REPORTED		
Workplan Submitted:	NOT REPORTED		



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Assessment Underway: NOT REPORTED  
Pollution Characterization: 04/30/1991  
Corrective Action Plan: NOT REPORTED  
Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED

Abatement: Remove Free Product (e.g. skimmer used or vacuumed, pumped, etc.)  
Comments: 2800 PPB TCE GW, CLORINATED SOLVENTS IN MW, 88 PPB 1,2 DCE;9/12QR;

LUST Alameda County:

Facility ID: 3279 Region: ALAMEDA  
Inspector: JE Case Closed Date: NOT REPORTED  
Priority: HIGH/Known Impact/Free Product

South Bay Region 2:

Facility ID: NOT REPORTED Staff: NOT REPORTED  
Case Number: NOT REPORTED File Number: NOT REPORTED  
Last Update: NOT REPORTED Case Type: NOT REPORTED  
RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
DOHS Initials: NOT REPORTED Map Number: NOT REPORTED

Type: Other ground water or surface water is affected or threatened  
Lead: Local Agency (Santa Clara Valley Water District)

Facility Status: NOT REPORTED  
Discovered Date: NOT REPORTED

Facility Description: NOT REPORTED

Phase of Work by Responsible Party: 5

National Priority List: NOT REPORTED

Primary Substance Spilled: Solvents

Secondary Substance Spilled: Mineral Spirits

Problem Caused by UST: No

Contaminant Concentration Type (1): NOT REPORTED

Key Contaminant Concentration (1): NOT REPORTED

Initial Maximum Concentration (1): NOT REPORTED

Current Maximum Concentration (1): NOT REPORTED

Contaminant Concentration Type (2): NOT REPORTED

Key Contaminant Concentration (2): NOT REPORTED

Initial Maximum Concentration (2): NOT REPORTED

Current Maximum Concentration (2): NOT REPORTED

Contaminant Concentration Type (3): NOT REPORTED

Key Contaminant Concentration (3): NOT REPORTED

Initial Maximum Concentration (3): NOT REPORTED

Plume in Length (FT): NOT REPORTED

Size Depth (FT): NOT REPORTED

Municipal Drinking Wells Affected: NOT REPORTED

Private Drinking Wells Affected: NOT REPORTED

Current Maximum Concentration (3): NOT REPORTED

Historical Minimum Depth to Groundwater: 6.6 (Feet)

Maximum Soil Concentration of Contaminates: 12000 (parts per million)

Max Grndwater Concentration of Contaminates: 99999999 (parts per billion)

Benzene: -1

Maximum Benzene: 0

Soil Action Needed: NOT REPORTED

Total of Extraction Flow Rate: NOT REPORTED

Estimated % of Contaminants Contained: NOT REPORTED

Contaminant Source: NOT REPORTED

Contaminant Concentration as of: NOT REPORTED

Contaminant Concentration (1): NOT REPORTED

Well or Boring Number (1): NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

SAFETY KLEEN CORP 7 178 01 (Continued)

1000224433

Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

FID:

Facility ID: 01002099 Regulate ID: 00006278  
 Reg By: Inactive Underground Storage Tank Location  
 Cortese Code: NOT REPORTED SIC Code: NOT REPORTED  
 Status: Inactive Facility Tel: (312) 697-8460  
 Mail To: NOT REPORTED  
 655 BIG TIMBER RD  
 OAKLAND, CA 94607  
 Contact: NOT REPORTED Contact Tel: NOT REPORTED  
 DUNs No: NOT REPORTED NPDES No: NOT REPORTED  
 Creation: 10/22/93 Modified: 00/00/00  
 EPA ID: NOT REPORTED  
 Comments: NOT REPORTED

State UST:

Facility ID: 6278  
 Tank Num: 1 Container Num: 01  
 Tank Capacity: 6000 Year Installed: 1970  
 Tank Used for: WASTE  
 Type of Fuel: Not Reported Tank Constrctn: .25 inches  
 Leak Detection: Visual, Stock Inventor  
 Contact Name: STEVE NEVES Telephone: (312) 697-8460  
 Total Tanks: 3 Region: NOT REPORTED  
 Facility Type: 2 Other Type: PARTS WASHER SERVICE

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAFETY KLEEN CORP 7 178 01 (Continued)**

1000224433

Facility ID:	6278	Container Num:	02
Tank Num:	2	Year Installed:	1970
Tank Capacity:	6000	Tank Constrctn:	.25 inches
Tank Used for:	WASTE	Telephone:	(312) 697-8460
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Visual, Stock Inventor	Other Type:	PARTS WASHER SERVICE
Contact Name:	STEVE NEVES		
Total Tanks:	3		
Facility Type:	2		

Facility ID:	6278	Container Num:	03
Tank Num:	3	Year Installed:	1971
Tank Capacity:	10000	Tank Constrctn:	.25 inches
Tank Used for:	PRODUCT	Telephone:	(312) 697-8460
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Visual, Stock Inventor	Other Type:	PARTS WASHER SERVICE
Contact Name:	STEVE NEVES		
Total Tanks:	3		
Facility Type:	2		

AD153  
SSE  
1/2-1  
Lower

**SAFETY-KLEEN CORP.  
MARKET ST (404)  
OAKLAND, CA 94607**

Cortese

S101293719  
N/A

CORTESE:

Facility ID: 01-002099      Data Source: LTNKA

154  
NE  
1/2-1  
Higher

**CALIFORNIA ELECTRIC CO  
ADELINE ST (3015)  
OAKLAND, CA 94608**

Cortese

S101293662  
N/A

CORTESE:

Facility ID: 01-000396      Data Source: LTNKA

155  
WSW  
1/2-1  
Lower

**WILFRED'S AUTO WRECKING  
7TH ST (1834)  
OAKLAND, CA 94607**

Cortese  
Cal-Sites

S101293803  
N/A

CAL-SITES:

Facility ID: 01500105  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 05/10/94  
Status: VOLUNTARY CLEANUP PROGRAM  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: DESIGN  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION (RAP REQUIRED)  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: VOLUNTARY CLEANUP PROGRAM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILFRED'S AUTO WRECKING (Continued)**

S101293803

Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This facility is one of the sites included in the Cypress Reconstruction project. Not reported. It is currently operating as a wrecking yard and is occupied with abandoned automobiles, parts, and debris. Not reported. Sampling done in October 1992 detected total petroleum hydrocarbons as high as 138,000 ppm. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 1834 7TH STREET  
 OAKLAND, CA 94607

Alternative Name: YPRESS FREEWAY/ WILFRED'S AUTO WRECKING  
 Alternative Addr: 1834 7TH STREET  
 OAKLAND, CA 94607

Alternative Name: WILFRED'S AUTO WRECKING  
 Alternative Addr: 1834 7TH STREET  
 OAKLAND, CA 94607

Comment Date: 05/04/1993  
 Comment: It is currently operating wrecking yard and is fully occupied by abandoned cars, parts, and debris. Earlier site investigation indicated surface soil contamination. Subsequent field investigation conducted in October 1992 in conjunction with CalTrans activities revealed the presence of the following contaminants in the soil: total recoverable petroleum hydrocarbons (TPRH) as high as 138,000 ppm; Approximate volume of contaminated soil is 950 cubic yards. Additional site characterization is necessary.  
 NOT REPORTED

CORTESE.

Facility ID: 01-004781      Data Source: CALSI

AE156  
SE  
1/2-1  
Lower

**CHEVRON**  
7TH ST (785)  
OAKLAND, CA 94607

Cortese

S101293806  
N/A

CORTESE:

Facility ID: 01-000007      Data Source: LTNKA

AE157  
SE  
1/2-1  
Lower

**FRANCIS PLATING OF OAKLAND INC**  
785 7TH ST  
OAKLAND, CA 94607

FINDS  
RCRIS-LQG  
RCRIS-TSD  
CORRACTS  
CERC-NFRAP  
UST  
HAZNET

1000308458  
CAD009206160

CERCLIS-NFRAP Classification Data:

Site Incident Category: NOT REPORTED  
 Ownership Status: PRIVATE  
 EPA Notes: NOT REPORTED

Federal Facility: NO  
 NPL Status: NOT ON NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
 Assessment: PRELIMINARY ASSESSMENT

Completed: 06/12/90  
 Completed: 08/28/90

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANCIS PLATING OF OAKLAND INC (Continued)**

1000308458

Assessment: REMOVAL COMMUNITY RELATIONS Completed: 12/28/92

**CORRACTS Data:**

Prioritization: Low  
Status: NOT REPORTED

**RCRIS:**

Owner: FRANCIS PLATING OF OAKLAND, INC.  
(415) 444-5535

Contact: ENVIRONMENTAL MANAGER  
(415) 444-5535

Record Date: 08/15/80

Classification: Large Quantity Generator, TSDf

Used Oil Recyc: No

TSDf Activities: NOT REPORTED

Violation Status: No violations found

**HAZNET:**

Waste Category: Unspecified oil-containing sludge  
Tons: 1876 Handling method: Recycler

Waste Category: Unspecified oil-containing sludge  
Tons: 8004 Handling method: Recycler

Waste Category: Metal sludge (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc)  
Tons: 2350 Handling method: Not Specified

**State UST:**

Facility ID:	47987	Container Num:	01
Tank Num:	1	Year Installed:	1968
Tank Capacity:	15000	Tank Constrctn:	6 inches
Tank Used for:	WASTE	Telephone:	(415) 444-5535
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Visual	Other Type:	ELECTRO PLATING
Contact Name:	WALLY FRANCIS		
Total Tanks:	2		
Facility Type:	2		

Facility ID:	47987	Container Num:	02
Tank Num:	2	Year Installed:	1955
Tank Capacity:	10700	Tank Constrctn:	6 inches
Tank Used for:	WASTE	Telephone:	(415) 444-5535
Type of Fuel:	Not Reported	Region:	NOT REPORTED
Leak Detection:	Visual	Other Type:	ELECTRO PLATING
Contact Name:	WALLY FRANCIS		
Total Tanks:	2		
Facility Type:	2		

AE158  
SE  
1/2-1  
Lower

785 7TH STREET  
OAKLAND, CA 94607

CHMIRS

S100220012  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site Database(s) EDR ID Number  
EPA ID Number

(Continued)

S100220012

CHMIRS:

OES Control Number: 9011331 DOT ID: 9141  
 DOT Hazard Class: Miscellaneous hazardous material  
 Chemical Name: NICKEL SULFATE  
 Extent of Release: Release Beyond Property Use of Origin  
 CAS Number: NOT REPORTED Quantity Released: 10  
 Environmental Contamination: Ground Property Use: Industrial, Utility  
 Incident Date: 12-JUN-90 Date Completed: 12-JUN-90

AF159  
NNE  
1/2-1  
Higher

ZERO WASTE SYSTEMS INC  
32ND ST (1450)  
OAKLAND, CA 94609

Cortese

S100455668  
N/A

CORTESE:

Facility ID: 01-004728 Data Source: CALSI

AF160  
NNE  
1/2-1  
Higher

ZERO WASTE SYSTEMS INC  
1450 32ND STREET  
OAKLAND, CA 94609

Cal-Sites

S102008168  
N/A

CAL-SITES:

Facility ID: 01280073  
 Facility Type: N/A  
 Status Date: 03/13/95  
 Status: NO FURTHER ACTION FOR DTSC  
 Lead: N/A  
 Activity: DISCOVERY  
 Activity Status: NO FURTHER ACTION FOR DTSC  
 Activity: PRELIMINARY ASSESSMENT  
 Activity Status: NO FURTHER ACTION FOR DTSC  
 Activity: SITE SCREENING  
 Activity Status: NO FURTHER ACTION FOR DTSC  
 Background: Not reported  
 Alternative Name: ERO WASTE SYSTEMS INC  
 Alternative Addr: 1450 32ND STREET  
 OAKLAND, CA 94609  
 Comment Date: 09/26/1981  
 Comment: FACILITY IDENTIFIED ID FROM EPA SUPERFUND LIST CHEM RECYCLER  
 FINAL STRATEGY SITE REFERRED: TO HMMS/ENF  
 ENFORCEMENT(OTHER) (& 2/3) DHS SUBMIT PLAN OF CORRECTION  
 ENFORCEMENT(OTHER) PLAN OF CORRECTION FOR COMPLI SUBMITTED  
 CHANGES OF PLAN MADE BY REQ OF DHS  
 INSPECTION(STATE) RWQCB LETTER CHEM CONTM COULD BE REACH  
 UNDERLYING SOILS & GRND WATER BECAUSE OF  
 SPILLS ONTO CRACKED ASPHALT  
 ENFORCEMENT(OTHER) SITE WAS CLOSED INVENTORY WAS REMOVED  
 FACILITY IDENTIFIED ID FROM ERRIS  
 SOURCE ACT: CHEM RECYCLER  
 FAC TYPE: T/C ZWS 2-23-84 - 1000GAL  
 STORAGE TANKS  
 INCIDENT: 3-25 & 26-82 SPILLS INTO STORM  
 DRAINS DURING A RAIN STORM GUTTER &  
 DRIVEWAY WERE FLUSHED MATLS ASBORBED  
 W/ SAWDUST  
 SUBMIT TO EPA

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ZERO WASTE SYSTEMS INC (Continued)**

S102008168

PRELIM ASSESS DONE RCRA 3012  
SITE SCREENING DONE CERCLIS SITE  
REPORTED FOR PROP65  
ON CORTESE LIST  
Delisted from Cortese

AG161  
North  
1/2-1  
Higher

**SUTTA RECYCLING**  
3401 WOOD STREET  
OAKLAND, CA 94607

Cal-Sites

S102008172  
N/A

**CAL-SITES:**

Facility ID: 01280088  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 05/10/94  
Status: VOLUNTARY CLEANUP PROGRAM  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: DESIGN  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION (RAP REQUIRED)  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: SITE SCREENING  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Background: The Sutta Recycling sites is one the sites included in Area 5 of the Cypress Freeway Reconstruction Project being undertaken by CalTrans in Oakland, CA. Not reported. A leaking underground storage tank was removed from the site in June 1991. Not reported. Prior to this recycling operation, records indicate that the site was used as a maintenance paint yard by the San Francisco/ East Bay Bridge from 1951 to 1979. Not reported. During the tank removal activities in 1991, TPH as diesel was found in the standing water at the bottom of the excavation and in soils around it. Not reported (18-86 PPM concentration range). Not reported. In June 1992, CalTrans started site investigation in preparation for the freeway reconstruction. Not reported. Soil and groundwater samples were collected. Not reported. The following contaminants were detected in soils: TPH as high as 210 ppm; Toluene 90 ppb; Ethyl Benzene 180 ppb; Xylenes 700 ppb; Lead 53 ppm; and Selenium 11 ppm. Not reported. Groundwater samples showed the following contaminants: Arsenic 0. Not reported. 76 ppm; Barium 8. Not reported. 3 ppm; Chormi and Lead 0. Not reported. 89 ppm. Not reported. Alameda County is required groundwater be investigated further. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
Alternative Addr: 3401 WOOD STREET  
OAKLAND, CA 94607

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUTTA RECYCLING (Continued)**

S102008172

Alternative Name: UTTA RECYCLING  
Alternative Addr: 3401 WOOD STREET  
OAKLAND, CA 94607  
Comment Date: 01/13/1993  
Comment: In June 1992 CalTrans started site investigation in preparation for the freeway reconstruction. Soil and groundwater samples were collected. The following contaminants were detected in soils: TPH as high as 210 ppm; Toluene 90 ppb; Ethyl Benzene 180 ppb; Xylenes 700 ppb; Lead 53 ppm; and Selenium 11 ppm. Groundwater samples showed the following contaminants: Arsenic 076 ppm; Barium 83 ppm; chromium 18 ppm; and Lead 089 ppm. Alameda County is requiring that groundwater be investigated further.

AG162  
North  
1/2-1  
Higher

**SUTTA RECYCLING**  
**WOOD ST (3401)**  
**OAKLAND, CA 94608**

**Cortese**  
**LUST**

**S101293753**  
**N/A**

CORTESE:  
Facility ID: 01-000638      Data Source: CALSI

163  
SSE  
1/2-1  
Lower

**MARINE TERMINALS CORP**  
**MARKET ST (333)**  
**OAKLAND, CA 94607**

**Cortese**  
**LUST**  
**S Bay Reg. 2**  
**LUST**

**S100226825**  
**N/A**

State LUST:

Case Number:	01-0940	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Regular Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Pollution characterization		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	07/07/1993	Confirm Leak:	03/00/0000
Workplan:	08/05/1987	Prelim Assess:	09/26/1987
Pollution Char:	02/20/1988	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	06/10/1987

LUST Region 2:

Facility ID:	01-0940	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3393
Entered Date:	11/15/1989	Last Review:	07/07/1993
Correspondence:	11/15/1989	Release Date:	06/10/1987
Case Number:	5360	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	04/21/1987
How Stopped:	Close Tank	Stopped Date:	04/21/1987
Leak Source:	Unknown	Leak Cause:	Overfill
Facility Status:	Remedial Investigation Phase		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Regular Gasoline		





MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARINE TERMINALS CORP (Continued)**

S100226825

Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	12 (Feet)
Maximum Soil Concentration of Contaminates:	24 (parts per million)
Max Grndwater Concentration of Contaminates:	81000 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

164  
ESE  
1/2-1  
Lower

**OAKLAND COMMUNITY DEVELOPMENT**  
15TH ST (690)  
OAKLAND, CA 94612

**Cortese** S100226631  
**S Bay Reg. 2** N/A  
**LUST**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAKLAND COMMUNITY DEVELOPMENT (Continued)**

**S100226631**

**State LUST:**

Case Number:	01-1070	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment underway		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	05/03/1990	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	05/08/1991
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	03/00/0000	Release Date:	01/25/1988

**LUST Region 2:**

Facility ID:	01-1070	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3535
Entered Date:	05/25/1990	Last Review:	05/03/1990
Correspondence:	12/13/1991	Release Date:	01/25/1988
Case Number:	NOT REPORTED	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	01/25/1988
How Stopped:	Close Tank	Stopped Date:	01/25/1988
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Preliminary Assessment		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		
Case Type:	Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less then 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.		

Primary Substance:	Gasoline
Secondary Substance:	NOT REPORTED
Maximum Soil Concentration:	5600
Maximum Groundwater Impact:	0
Current Benzene in Groundwater:	0
Maximum Benzene Concentration:	0
Nuber of Wells:	NOT REPORTED
Depth to Groundwater:	27'
MTBE Contamination Level:	0
Interim Remediation:	Yes
Interim Remediation Date:	NOT REPORTED
Lead Agency:	Local Agency
Case List:	FUEL
Enforcement Type:	0
Enforcement Date:	NOT REPORTED
Responsible Party Search:	NOT REPORTED
Funding:	Federal

Date Status Was First Assigned - The following dates are assigned as the status progresses:

Leak Confirmed:	NOT REPORTED
Workplan Submitted:	NOT REPORTED
Assessment Underway:	05/08/1991
Pollution Characterization:	NOT REPORTED
Corrective Action Plan:	NOT REPORTED

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

OAKLAND COMMUNITY DEVELOPMENT (Continued)

S100226631

Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED  
Abatement: No Action Taken  
Comments: ORIG CLSED BY CO; REOPND, MW REQSTD BEFORE HOUSING CONS,11/26QR TRUCTIO

CORTESE:

Facility ID: 01-001182 Data Source: LTNKA

South Bay Region 2:

Facility ID:	01-1070	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Only soil contamination has occurred and at such a low level as to not pose a threat to water quality		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	3		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		
Current Maximum Concentration (3):	NOT REPORTED		
Historical Minimum Depth to Groundwater:	27' (Feet)		
Maximum Soil Concentration of Contaminates:	5600 (parts per million)		
Max Grndwater Concentration of Contaminates:	0 (parts per billion)		
Benzene:	0		
Maximum Benzene:	0		
Soil Action Needed:	NOT REPORTED		
Total of Extraction Flow Rate:	NOT REPORTED		
Estimated % of Contaminants Contained:	NOT REPORTED		
Contaminant Source:	NOT REPORTED		
Contaminant Concentration as of:	NOT REPORTED		
Contaminant Concentration (1):	NOT REPORTED		
Well or Boring Number (1):	NOT REPORTED		
Initial Level Concentration (1):	NOT REPORTED		
Current Level Concentration (1):	NOT REPORTED		
Contaminant Concentration (2):	NOT REPORTED		
Well or Boring Number (2):	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAKLAND COMMUNITY DEVELOPMENT (Continued)**

S100226631

Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED
Comments:	NOT REPORTED

AH165  
WSW  
1/2-1  
Lower

**PHOENIX PROPERTIES  
CEDAR ST (524)  
OAKLAND, CA 94607**

Cortese

S101293674  
N/A

CORTESE:

Facility ID: 01-004741      Data Source: CALSI

AH166  
WSW  
1/2-1  
Lower

**PHOENIX 524 PROPERTY  
524 CEDAR STREET  
OAKLAND, CA 94607**

Cal-Sites

S102008192  
N/A

CAL-SITES:

Facility ID:	01330038
Facility Type:	VOLUNTARY CLEANUP PROGRAM
Status Date:	05/10/94
Status:	VOLUNTARY CLEANUP PROGRAM
Lead:	DEPT OF TOXIC SUBSTANCES CONTROL
Activity:	CERTIFICATION
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	DESIGN
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	I/SE, IORSE, FFA, FFSRA, VCA, EA
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	PRELIMINARY ENDANGERMENT ASSESSMENT
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	REMEDIAL ACTION (RAP REQUIRED)
Activity Status:	VOLUNTARY CLEANUP PROGRAM
Activity:	REMEDIAL ACTION PLAN / RECORD OF DECISION
Activity Status:	VOLUNTARY CLEANUP PROGRAM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

PHOENIX 524 PROPERTY (Continued)

S102008192

Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: One of three properties on the Caltrans 880 Cypress Reconstruction Route formerly part of the historical Independent Iron Works operation from the 1950's. Not reported. Five borings conducted for Caltrans in June 1992 found lead over the TTL to 23,000 mg/kg in three samples at 1. Not reported. 5 feet TRPH to 1,200 mg/kg. Not reported. Currently negotiating a walk-in agreement. Not reported.

Alternative Name: HOENIX 524 PROPERTY  
 Alternative Addr: 524 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: ALTRANS 880/CYPRESS RECONSTRUCTION  
 Alternative Addr: 524 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: HOENIX PROPERTIES  
 Alternative Addr: 524 CEDAR STREET  
 OAKLAND, CA 94607

Comment Date: NOT REPORTED  
 Comment: NOT REPORTED

AH167  
WSW  
1/2-1  
Lower

CAL-EAST FOODS  
505 CEDAR STREET  
OAKLAND, CA 94607

Cal-Sites

S102008246  
N/A

CAL-SITES:

Facility ID: 01510024  
 Facility Type: VOLUNTARY CLEANUP PROGRAM  
 Status Date: 05/10/94  
 Status: VOLUNTARY CLEANUP PROGRAM  
 Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
 Activity: CERTIFICATION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: This site is part of the Cypress Reconstruction project. Not report. The property has a 10,000-gallon underground storage tank. Not report. Soil and groundwater sampling results have detected unleaded gasoline contaminants. Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 505 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: YPRESS FREEWAY/CAL-EAST FOODS  
 Alternative Addr: 505 CEDAR STREET  
 OAKLAND, CA 94607

Alternative Name: AL-EAST FOODS  
 Alternative Addr: 505 CEDAR STREET  
 OAKLAND, CA 94607

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL-EAST FOODS (Continued)**

S102008246

Comment Date: 10/27/1992

Comment: Cal-East has been in this location since 1969 and has always been a wholesale seafood distributor, a division of California Shellfish Company. Cal-East is not involved with any industrial operations. However, the property has a 10,000 gallon capacity underground storage tank which stored unleaded gasoline until approximately October 1992. In June 1992, site investigation was conducted by Caltrans. Soil and groundwater sampling results indicated the following contaminants: 1 soil - total petroleum hydrocarbons (TPH) as high as 2,800 ppm; benzene (759 ppb); toluene (1,200 ppb); ethyl benzene (7,500 ppb); and xylene (6,000 ppb); ethyl benzene (15 ppb); and xylenes (18 ppb).  
NOT REPORTED  
NOT REPORTED  
NOT REPORTED  
NOT REPORTED  
NOT REPORTED  
Listed on Cortese

AH168  
WSW  
1/2-1  
Lower

**CAL-EAST FOODS  
CEDAR ST (505)  
OAKLAND, CA 94607**

Cortese

S101293673  
N/A

CORTESE:

Facility ID: 01-004785      Data Source: CALSI

AH169  
WSW  
1/2-1  
Lower

**VACANT BUILDING ON 5TH STREET  
1851 5TH STREET  
OAKLAND, CA 94607**

Cal-Sites

S102008280  
N/A

CAL-SITES:

Facility ID: 01990013  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 05/10/94  
Status: VOLUNTARY CLEANUP PROGRAM  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION (RAP REQUIRED)  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Background: Part of Cypress Freeway reconstruction project. Not reported. Two U removed in June 1988 (1,800-gallon fuel oil tank and 10,000 gallon gasoline tank). Not reported. BTEX detected in groundwater a TPH in soil at time of removal. Not reported. Sampling done in June showed TPH-G and TRPH in soil. Not reported. BTEX was below detecti

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

VACANT BUILDING ON 5TH STREET (Continued)

S102008280

limits in hydropunch sample Not reported Historical use of the si  
unknown at this time Not reported

Alternative Name: ACANT BUILDING ON 5TH STREET

Alternative Addr: 1851 5TH STREET  
OAKLAND, CA 94607

Alternative Name: YPRESS RECONSTRUCTION

Alternative Addr: 1851 5TH STREET  
OAKLAND, CA 94607

Alternative Name: LL WEATHER ARCHITECTURAL ALUMINUM, INC

Alternative Addr: 1851 5TH STREET  
OAKLAND, CA 94607

Alternative Name: YPREES FREEWAY/VACANT BUILDING

Alternative Addr: 1851 5TH STREET  
OAKLAND, CA 94607

Alternative Name: ACANT BUILDING

Alternative Addr: 1851 5TH STREET  
OAKLAND, CA 94607

Comment Date: NOT REPORTED

Comment: NOT REPORTED

170  
NNE  
1/2-1  
Higher

1420 32 ST.  
OAKLAND, CA

CHMIRS

S100279095  
N/A

CHMIRS:

OES Control Number: 8803726 DOT ID: 1978  
DOT Hazard Class: Gases  
Chemical Name: PROPANE  
Extent of Release: Release Beyond Property Use of Origin  
CAS Number: 74-98-6 Quantity Released: 5  
Environmental Contamination: Air Property Use: County/City Road  
Incident Date: 16-NOV-88 Date Completed: 16-NOV-88

171  
WSW  
1/2-1  
Lower

LIPS PROPELLERS  
7TH ST (1899)  
OAKLAND, CA 94607

Cortese

S101293804  
N/A

CORTESE:

Facility ID: 01-004753 Data Source: CALSI

A1172  
North  
1/2-1  
Higher

THOMAS A. SHORT COMPANY  
3430 WOOD STREET  
OAKLAND, CA 94607

Cal-Sites

S102008201  
N/A

CAL-SITES.

Facility ID: 01340113  
Facility Type: VOLUNTARY CLEANUP PROGRAM  
Status Date: 05/10/94  
Status: VOLUNTARY CLEANUP PROGRAM  
Lead: DEPT OF TOXIC SUBSTANCES CONTROL  
Activity: CERTIFICATION  
Activity Status: VOLUNTARY CLEANUP PROGRAM  
Activity: DESIGN  
Activity Status: VOLUNTARY CLEANUP PROGRAM



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**THOMAS A. SHORT COMPANY (Continued)**

S102008201

Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: PRELIMINARY ENDANGERMENT ASSESSMENT  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION (RAP REQUIRED)  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL ACTION PLAN / RECORD OF DECISION  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Activity: SITE SCREENING  
 Activity Status: VOLUNTARY CLEANUP PROGRAM  
 Background: The Thomas A Not reported Short Company is one site included in the Cypress Freeway Reconstruction Not reported. The site has two underground storage tanks on site; a 1,000-gallon capacity diesel tank which is currently in use and a 4,000-gallon capacity gasoline tank no longer in use. Not reported. These tanks are located side by side and reported to be relatively new with no history of leakage. Not reported. There is also a sump tank on site. In June 1992, site investigation commenced with both soil and groundwater samples collected. Not reported. The following contaminants were detected from soil samples: Total petroleum hydrocarbons as high as 6,600 ppm; Acetone (200 ppb); Benzene (63 ppm); Chlorobenzene (220 ppb); Ethyl Benzene (25 ppb); Toluene (14 ppb); and Xylene (55 ppb). Not reported. TPH as gasoline was also detected as high as 14,000 ppb. Not reported. Lead was detected as high as 2,400 ppb in one soil sample. Not reported. Copper (560 ppb); Barium (980 ppb); and Cadmium (92 ppb) were likewise found in soil. Not reported. In groundwater samples, the following contaminants were detected: Benzene (320 ppb); Toluene (100 ppb); Ethyl Benzene (380 ppb); Xylene (380 ppb); and TPH-G (16 ppb). Not reported.

Alternative Name: YPRESS RECONSTRUCTION  
 Alternative Addr: 3430 WOOD STREET  
 OAKLAND, CA 94607  
 Alternative Name: THOMAS A. SHORT CO.  
 Alternative Addr: 3430 WOOD STREET  
 OAKLAND, CA 94607  
 Alternative Name: THOMAS A. SHORT COMPANY  
 Alternative Addr: 3430 WOOD STREET  
 OAKLAND, CA 94607  
 Comment Date: 01/13/1993  
 Comment: The Thomas A Short Company site is one of three sites included in Area 5 of the Cypress Freeway Reconstruction Project being undertaken by CalTrans in Oakland, CA. The site has two underground storage tanks on site; a 1,000-gallon capacity diesel tank which is currently in use and a 4,000-gallon capacity gasoline tank no longer in use. These two tanks are located side by side and reported to be relatively new with no history of leakage. There is also a sump tank on site. In June 1992, site investigation commenced with both soil and groundwater samples collected. The following contaminants were detected from soil samples: Total petroleum hydrocarbons as high as 6,600 ppm; Acetone (200 ppb); Benzene (63 ppm); Chlorobenzene (220 ppb); Ethyl Benzene (25 ppb); toluene (14 ppb); and Xylene (55 ppb). TPH as gasoline

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**THOMAS A. SHORT COMPANY (Continued)**

S102008201

was also detected as high as 14,000 ppb Lead was detected as high as 2,400 ppb in one soil sample Copper (560 ppb) Barium (980 ppb), and Cadmium (92 ppb) were likewise found in soil In groundwater samples, the following contaminants were detected: Benzene (320 ppb), Toluene (100 ppb), Ethyl Benzene (380 ppb), Xylene (380 ppb), Toluene (100 ppb), Ethyl Benzene (380 ppb), Xylene (380 ppb) and TPH-G (16 ppb)  
NOT REPORTED  
Documented contamination of soil and groundwater at the site

AI173  
North  
1/2-1  
Higher

**THOMAS A. SHORT COMPANY**  
**WOOD ST (3430)**  
**OAKLAND, CA 94706**

Cortese

S101293754  
N/A

CORTESE:

Facility ID: 01-001590      Data Source: CALSI

174  
SSE  
1/2-1  
Lower

**ALLIED POULTRY**  
**CLAY ST (333)**  
**OAKLAND, CA 94607**

Cortese  
S Bay Reg. 2  
LUST

S101293678  
N/A

State LUST:

Case Number:	01-1174	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	11/25/1992	Confirm Leak:	03/00/0000
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	11/05/1996	Release Date:	01/16/1992

LUST Region 2:

Facility ID:	01-1174	Cross Street:	NOT REPORTED
Region:	2	Record Number:	2427
Entered Date:	11/25/1992	Last Review:	11/25/1992
Correspondence:	01/16/1992	Release Date:	01/16/1992
Case Number:	NOT REPORTED	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	01/16/1992
How Stopped:	Close Tank	Stopped Date:	01/16/1992
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Signed off, remedial action completed or deemed unnecessary		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley		
Case Type:	Other ground water or surface water is affected or threatened		
Primary Substance:	Gasoline		
Secondary Substance:	NOT REPORTED		
Maximum Soil Concentration:	1800		
Maximum Groundwater Impact:	33		
Current Benzene in Groundwater:	0		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLIED POULTRY (Continued)**

S101293678

Maximum Benzene Concentration: 0  
 Nuber of Wells: NOT REPORTED  
 Depth to Groundwater: NOT REPORTED  
 MTBE Contamination Level: 0  
 Interim Remediation: Yes  
 Interim Remediation Date: NOT REPORTED  
 Lead Agency: Local Agency  
 Case List: FUEL  
 Enforcement Type: 0  
 Enforcement Date: NOT REPORTED  
 Responsible Party Search: Solvent - Identified and financially capable of performing work.  
 Funding: Federal  
 Date Status Was First Assigned - The following dates are assigned as the status progresses:  
   Leak Confirmed: NOT REPORTED  
   Workplan Submitted: NOT REPORTED  
   Assessment Underway: NOT REPORTED  
   Pollution Characterization: NOT REPORTED  
   Corrective Action Plan: NOT REPORTED  
   Remediation Underway: NOT REPORTED  
   Monitoring Begun: NOT REPORTED  
   Case Closed: 11/05/1996  
 Abatement: No Action Taken  
 Comments: URF ONLY; SENT FILE TO ACHD 9/94 REQ CASE CLOSURE 10/8/96 CASE CLOSED!!!

**CORTESE:**

Facility ID: 01-000184      Data Source: LTNKA

**South Bay Region 2:**

Facility ID:	01-1174	Staff:	NOT REPORTED
Case Number:	NOT REPORTED	File Number:	NOT REPORTED
Last Update:	NOT REPORTED	Case Type:	NOT REPORTED
RWQCB Initials:	NOT REPORTED	EPA Contact:	NOT REPORTED
DOHS Initials:	NOT REPORTED	Map Number:	NOT REPORTED
Type:	Other ground water or surface water is affected or threatened		
Lead:	Local Agency (Santa Clara Valley Water District)		
Facility Status:	NOT REPORTED		
Discovered Date:	NOT REPORTED		
Facility Description:	NOT REPORTED		
Phase of Work by Responsible Party:	9		
National Priority List:	NOT REPORTED		
Primary Substance Spilled:	Gasoline		
Secondary Substance Spilled:	NOT REPORTED		
Problem Caused by UST:	No		
Contaminant Concentration Type (1):	NOT REPORTED		
Key Contaminant Concentration (1):	NOT REPORTED		
Initial Maximum Concentration (1):	NOT REPORTED		
Current Maximum Concentration (1):	NOT REPORTED		
Contaminant Concentration Type (2):	NOT REPORTED		
Key Contaminant Concentration (2):	NOT REPORTED		
Initial Maximum Concentration (2):	NOT REPORTED		
Current Maximum Concentration (2):	NOT REPORTED		
Contaminant Concentration Type (3):	NOT REPORTED		
Key Contaminant Concentration (3):	NOT REPORTED		
Initial Maximum Concentration (3):	NOT REPORTED		
Plume in Length (FT):	NOT REPORTED		
Size Depth (FT):	NOT REPORTED		
Municipal Drinking Wells Affected:	NOT REPORTED		
Private Drinking Wells Affected:	NOT REPORTED		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLIED POULTRY (Continued)**

S101293678

Current Maximum Concentration (3): NOT REPORTED  
 Historical Minimum Depth to Groundwater: NOT REPORTED  
 Maximum Soil Concentration of Contaminates: 1800 (parts per million)  
 Max Grndwater Concentration of Contaminates: 33 (parts per billion)  
 Benzene: 0  
 Maximum Benzene: 0  
 Soil Action Needed: NOT REPORTED  
 Total of Extraction Flow Rate: NOT REPORTED  
 Estimated % of Contaminants Contained: NOT REPORTED  
 Contaminant Source: NOT REPORTED  
 Contaminant Concentration as of: NOT REPORTED  
 Contaminant Concentration (1): NOT REPORTED  
 Well or Boring Number (1): NOT REPORTED  
 Initial Level Concentration (1): NOT REPORTED  
 Current Level Concentration (1): NOT REPORTED  
 Contaminant Concentration (2): NOT REPORTED  
 Well or Boring Number (2): NOT REPORTED  
 Initial Level Concentration (2): NOT REPORTED  
 Current Level Concentration (2): NOT REPORTED  
 Contaminant Concentration (3): NOT REPORTED  
 Well or Boring Number (3): NOT REPORTED  
 Initial Level Concentration (3): NOT REPORTED  
 Current Level Concentration (3): NOT REPORTED  
 Number of Municipal Wells: NOT REPORTED  
 Number of Private Wells: NOT REPORTED  
 Closure Name: NOT REPORTED  
 Closure Date: NOT REPORTED  
 Soil Action Needed Start Date: NOT REPORTED  
 Soil Action Needed End Date: NOT REPORTED  
 Onsite Water Action Needed: NOT REPORTED  
 Onsite Water Action Needed Start Date: NOT REPORTED  
 Onsite Water Action Needed End Date: NOT REPORTED  
 Off Site Water Action Needed: NOT REPORTED  
 Off Site Water Action Needed Start Date: NOT REPORTED  
 Off Site Water Action Needed End Date: NOT REPORTED  
 Estimated % of Contamination Concentration: NOT REPORTED  
 Enforcement & Regulatory Action: NOT REPORTED  
 Enforcement Action Date: NOT REPORTED  
 Immediate Response Actions: NOT REPORTED  
 Remediation: NOT REPORTED  
 Characterization: NOT REPORTED  
 Comments: NOT REPORTED

175  
WSW  
1/2-1  
Lower

**SOUTHERN PACIFIC-DESERT YARD**  
**BAY ST (515)**  
**OAKLAND, CA**

Cortese

S101306625  
N/A

CORTESE:

Facility ID: 01-001526

Data Source: LTNKA

176  
NNE  
1/2-1  
Higher

**3265 LOUISE STREET**  
**OAKLAND, CA 94608**

CHMIRS

S100275061  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100275061

CHMIRS:

OES Control Number:	8907408	DOT ID:	1263
DOT Hazard Class:	Flammable liquid		
Chemical Name:	PAINT		
Extent of Release:	Other		
CAS Number:	NOT REPORTED	Quantity Released:	55
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	10-AUG-89	Date Completed:	10-AUG-89

177  
SE  
1/2-1  
Lower

601 11 ST  
OAKLAND, CA

CHMIRS

S100279419  
N/A

CHMIRS:

OES Control Number:	8908950	DOT ID:	1993
DOT Hazard Class:	Flammable liquid		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Release Beyond Property Use of Origin		
CAS Number:	NOT REPORTED	Quantity Released:	100
Environmental Contamination:	None Reported	Property Use:	County/City Road
Incident Date:	20-NOV-89	Date Completed:	20-NOV-89

AJ178  
WNW  
1/2-1  
Lower

MARINE TERMINAL  
1195 MARITIME  
OAKLAND, CA 92626

Notify 65  
S Bay Reg. 2  
LUST

S100226822  
N/A

State LUST:

Case Number:	01-0939	Cross Street:	NOT REPORTED
Reg Board:	San Francisco Bay Region	Qty Leaked:	NOT REPORTED
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	08/22/1996	Confirm Leak:	08/22/1996
Workplan:	03/00/0000	Prelim Assess:	03/00/0000
Pollution Char:	03/00/0000	Remed Plan:	03/00/0000
Remed Action:	03/00/0000	Monitoring:	03/00/0000
Close Date:	01/25/1997	Release Date:	04/11/1989

LUST Region 2:

Facility ID:	01-0939	Cross Street:	NOT REPORTED
Region:	2	Record Number:	3392
Entered Date:	05/25/1989	Last Review:	08/22/1996
Correspondence:	01/05/1993	Release Date:	04/11/1989
Case Number:	4013	Staff Initial:	KLG
How Discovered:	Tank Closure	Discovered Date:	04/11/1989
How Stopped:	Close Tank	Stopped Date:	04/11/1989
Leak Source:	Tank	Leak Cause:	Structure Failure
Facility Status:	Leak being confirmed		
Update Status:	NOT REPORTED		
Review Status:	NOT REPORTED		
Priority:	Not reported		
Local Agency:	Alameda County - Oakland, Hayward (unincorporated), Dublin, San Lorenzo, Albany, Castro valley)		

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

MARINE TERMINAL (Continued)

S100226822

Case Type: Soil contamination has occurred at such low levels as to not pose a threat to water quality. One of the following sets of conditions must be met: 1.) Initial soil contamination is less than 100 parts per million below the tank 2.) Low permeable soil (silts & clay) 3.) No shallow ground water, >50' Or 4.) Monitoring wells have been installed in appropriate locations and water analysis shows non-detect.

Primary Substance: Gasoline  
Secondary Substance: Diesel  
Maximum Soil Concentration: 0  
Maximum Groundwater Impact: 0  
Current Benzene in Groundwater: 0  
Maximum Benzene Concentration: 0  
Number of Wells: NOT REPORTED  
Depth to Groundwater: NOT REPORTED  
MTBE Contamination Level: 0  
Interim Remediation: Yes  
Interim Remediation Date: NOT REPORTED  
Lead Agency: Local Agency  
Case List: FUEL  
Enforcement Type: 0  
Enforcement Date: NOT REPORTED  
Responsible Party Search: Solvent - Identified and financially capable of performing work.  
Funding: Federal  
Date Status Was First Assigned - The following dates are assigned as the status progresses:  
Leak Confirmed: 08/22/1996  
Workplan Submitted: NOT REPORTED  
Assessment Underway: NOT REPORTED  
Pollution Characterization: NOT REPORTED  
Corrective Action Plan: NOT REPORTED  
Remediation Underway: NOT REPORTED  
Monitoring Begun: NOT REPORTED  
Case Closed: NOT REPORTED

Abatement: No Action Taken

Comments: 1989 URF; SITE A CASE PER ALAMEDA COUNTY HEALTH 8/22/96; REQ CASE CLOSURE 8/29/96;

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: Not Reported

South Bay Region 2:

Facility ID: 01-0939 Staff: NOT REPORTED  
Case Number: NOT REPORTED File Number: NOT REPORTED  
Last Update: NOT REPORTED Case Type: NOT REPORTED  
RWQCB Initials: NOT REPORTED EPA Contact: NOT REPORTED  
DOHS Initials: NOT REPORTED Map Number: NOT REPORTED  
Type: Only soil contamination has occurred and at such a low level as to not pose a threat to water quality  
Lead: Local Agency (Santa Clara Valley Water District)  
Facility Status: NOT REPORTED  
Discovered Date: NOT REPORTED  
Facility Description: NOT REPORTED  
Phase of Work by Responsible Party: 1  
National Priority List: NOT REPORTED  
Primary Substance Spilled: Gasoline  
Secondary Substance Spilled: Diesel

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARINE TERMINAL (Continued)**

S100226822

Problem Caused by UST:	No
Contaminant Concentration Type (1):	NOT REPORTED
Key Contaminant Concentration (1):	NOT REPORTED
Initial Maximum Concentration (1):	NOT REPORTED
Current Maximum Concentration (1):	NOT REPORTED
Contaminant Concentration Type (2):	NOT REPORTED
Key Contaminant Concentration (2):	NOT REPORTED
Initial Maximum Concentration (2):	NOT REPORTED
Current Maximum Concentration (2):	NOT REPORTED
Contaminant Concentration Type (3):	NOT REPORTED
Key Contaminant Concentration (3):	NOT REPORTED
Initial Maximum Concentration (3):	NOT REPORTED
Plume in Length (FT):	NOT REPORTED
Size Depth (FT):	NOT REPORTED
Municipal Drinking Wells Affected:	NOT REPORTED
Private Drinking Wells Affected:	NOT REPORTED
Current Maximum Concentration (3):	NOT REPORTED
Historical Minimum Depth to Groundwater:	NOT REPORTED
Maximum Soil Concentration of Contaminates:	0 (parts per million)
Max Grndwater Concentration of Contaminates:	0 (parts per billion)
Benzene:	0
Maximum Benzene:	0
Soil Action Needed:	NOT REPORTED
Total of Extraction Flow Rate:	NOT REPORTED
Estimated % of Contaminants Contained:	NOT REPORTED
Contaminant Source:	NOT REPORTED
Contaminant Concentration as of:	NOT REPORTED
Contaminant Concentration (1):	NOT REPORTED
Well or Boring Number (1):	NOT REPORTED
Initial Level Concentration (1):	NOT REPORTED
Current Level Concentration (1):	NOT REPORTED
Contaminant Concentration (2):	NOT REPORTED
Well or Boring Number (2):	NOT REPORTED
Initial Level Concentration (2):	NOT REPORTED
Current Level Concentration (2):	NOT REPORTED
Contaminant Concentration (3):	NOT REPORTED
Well or Boring Number (3):	NOT REPORTED
Initial Level Concentration (3):	NOT REPORTED
Current Level Concentration (3):	NOT REPORTED
Number of Municipal Wells:	NOT REPORTED
Number of Private Wells:	NOT REPORTED
Closure Name:	NOT REPORTED
Closure Date:	NOT REPORTED
Soil Action Needed Start Date:	NOT REPORTED
Soil Action Needed End Date:	NOT REPORTED
Onsite Water Action Needed:	NOT REPORTED
Onsite Water Action Needed Start Date:	NOT REPORTED
Onsite Water Action Needed End Date:	NOT REPORTED
Off Site Water Action Needed:	NOT REPORTED
Off Site Water Action Needed Start Date:	NOT REPORTED
Off Site Water Action Needed End Date:	NOT REPORTED
Estimated % of Contamination Concentration:	NOT REPORTED
Enforcement & Regulatory Action:	NOT REPORTED
Enforcement Action Date:	NOT REPORTED
Immediate Response Actions:	NOT REPORTED
Remediation:	NOT REPORTED
Characterization:	NOT REPORTED

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	<b>MARINE TERMINAL (Continued)</b>		S100226822
	Comments NOT REPORTED		
AK179 SE 1/2-1 Lower	NORTH 880 AT 980 OAKLAND, CA 94607	CHMIRS	S100221536 N/A
	CHMIRS: OES Control Number: 9099522 DOT ID: NOT REPORTED DOT Hazard Class: Gases Chemical Name: DIESEL FUEL Extent of Release: NOT REPORTED CAS Number: NOT REPORTED Quantity Released: 40 Environmental Contamination: None Reported Property Use: Freeway Incident Date: 11-SEP-90 Date Completed: 11-SEP-90		
AJ180 WNW 1/2-1 Lower	1195 MARITIME OAKLAND, CA 94607	CHMIRS	S100276783 N/A
	CHMIRS: OES Control Number: 9100503 DOT ID: NOT REPORTED DOT Hazard Class: Not Reported Chemical Name: NON HAZARD Extent of Release: NOT REPORTED CAS Number: NOT REPORTED Quantity Released: 0 Environmental Contamination: None Reported Property Use: Harbor/Port Incident Date: 04-JUN-91 Date Completed: 04-JUN-91		
181 NE 1/2-1 Higher	30TH STREET / SAN PABLO AVENUE OAKLAND, CA 94607	CHMIRS	S100275984 N/A
	CHMIRS: OES Control Number: 9012739 DOT ID: 9189 DOT Hazard Class: Flammable liquid Chemical Name: ISOCYNATE Extent of Release: Release Beyond Property Use of Origin CAS Number: NOT REPORTED Quantity Released: 50 Environmental Contamination: Ground Property Use: County/City Road Incident Date: 04-SEP-90 Date Completed: 05-SEP-90		
182 North 1/2-1 Higher	3455 ETTIE STREET OAKLANDS, CA 94608	CHMIRS	S100274836 N/A



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100274836

CHMIRS:

OES Control Number:	8905228	DOT ID:	1789
DOT Hazard Class:	Corrosives		
Chemical Name:	ACID, HYDROCHLORIC		
Extent of Release:	Other		
CAS Number:	7647-01-0	Quantity Released:	1
Environmental Contamination:	Ground	Property Use:	Storage
Incident Date:	10-MAR-89	Date Completed:	10-MAR-89

AK183  
SE  
1/2-1  
Lower

50 MARTIN LUTHER KING JR. WAY  
OAKLAND, CA 94607

CHMIRS

S100276457  
N/A

CHMIRS:

OES Control Number:	9099600	DOT ID:	1830
DOT Hazard Class:	Corrosives		
Chemical Name:	ACID, SULFURIC		
Extent of Release:	Confined to Property Use of Origin		
CAS Number:	7664939	Quantity Released:	200
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	09-OCT-90	Date Completed:	09-OCT-90

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
OAKLAND	S101439449	VANCANT LOT	11TH ST	94607	LUST	
OAKLAND	S102440846	VANCANT LOT	11TH ST		S Bay Reg. 2, LUST	
OAKLAND	S100932992	COMMAIR MECHANICAL SERVICES CO	1266-14TH STREET		HAZNET	
OAKLAND	S101641517	SCHNITZER STEEL PRDCTS (HOWARD TER	ADELINE ST		S Bay Reg. 2, CA SLIC	
OAKLAND	S102434413	NORCAL METAL FABRICATORS	114 ADELINE ST	94607	LUST, S Bay Reg. 2, LUST	
OAKLAND	S101272671	SOUTHERN PACIFIC - DESERT RAILYARD	CYPRESS CORRIDOR	94607	AWP, Cal-Sites	
OAKLAND	S101272672	SOUTHERN PACIFIC -WEST OAKLAND RAI	CYPRESS CORRIDOR	94607	AWP, Cal-Sites	
OAKLAND	U001599185	KANTOR'S DISTRIBUTION CENTER	2525 CYPRESS ST	94607	UST, LUST	00000040383
OAKLAND	S102428184	COCA COLA ENTERPRISES WEST	1340 CYPRESS ST		S Bay Reg. 2, LUST	
OAKLAND	1000258668	SCHINTZER STEEL	FOOT OF ADELINE ST	94607	FINDS, RCRIS-LQG, UST, Ca. FID, HAZNET	00000027844
OAKLAND	S100873525	SCHNITZER STEEL	FOOT OF ADELINE ST		HAZNET	
OAKLAND	S102435407	PORT OF OAKLAND HANGER L827	1021 GRUMMAN ST		S Bay Reg. 2, LUST	
OAKLAND	S102519557	DOLSBY HARD CHROME	124 HEGENBERGER LOOP		S Bay Reg. 2, CA SLIC, Cal-Sites	
OAKLAND	1000597224	J AND A TRUCK RPR	500 KIRKAM ST IN BACK	94607	RCRIS-SQG, FINDS	
OAKLAND	S100927694	1X PORT OF OAKLAND	LANGLEY ST , OAKLAND AIRPORT		HAZNET	
OAKLAND	S100869927	PACIFIC PIPE CO	2000 MANDELA PKWY	94607	HAZNET	
OAKLAND	S102333897	PACIFIC PIPE CO	2000 MANDELA PKWY	94607	HAZNET	
OAKLAND	U003159921	MANDELA TRUCKING, INC.	1225 MANDELA PKWY	94607	UST	
OAKLAND	S102432948	MANDELA TRUCKING	1225 MANDELA PKWY	94607	LUST	
OAKLAND	1000134995	A & H TRUCK REPAIR	1825 MARKET ST	94607	FINDS, UST, Ca. FID, HAZNET	00000049439
OAKLAND	S102444478	CLAWSON HIGH SCHOOL	3420 3315 PERALTA / MAGNOLIA		S Bay Reg 2, LUST	
OAKLAND	1000106386	OAK CENTER HOMES INC	827 TWENTIETH ST	94607	FINDS, RCRIS-LQG	
OAKLAND	S102008220	WESTERN PACIFIC RAILROAD	UNION STREET	94607	Cal-Sites	
OAKLAND	S101306672	CITY OF OAKLAND HOUSING AUTH	UNION ST (935)		Cortese, S Bay Reg. 2, LUST	
OAKLAND	S102564427	FORMER HALL PROPERTY	2601 WOOD STREET	94607	Cal-Sites	

## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D018	BENZENE
D021	CHLOROBENZENE
D027	1,4-DICHLOROBENZENE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE,

## EPA Waste Codes Addendum

Code	Description
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	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.
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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM RECORDS:

### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-413-0223

CERCLIS: 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: 04/30/97

Date Made Active at EDR: 06/30/97

Database Release Frequency: Monthly

Date of Data Arrival at EDR: 05/19/97

Elapsed ASTM days: 42

Date of Last EDR Contact: 08/22/97

### **ERNS:** Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/01/97

Date Made Active at EDR: 10/09/97

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/29/97

Elapsed ASTM days: 41

Date of Last EDR Contact: 08/26/97

### **NPL:** National Priority List

Source: EPA

Telephone: 703-603-8852

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

Date of Government Version: 04/01/97

Date Made Active at EDR: 05/29/97

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/21/97

Elapsed ASTM days: 38

Date of Last EDR Contact: 07/01/97

### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 04/01/97

Date Made Active at EDR: 06/30/97

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/25/97

Elapsed ASTM days: 66

Date of Last EDR Contact: 08/04/97

### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/01/96

Date Made Active at EDR: 03/03/97

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/30/96

Elapsed ASTM days: 63

Date of Last EDR Contact: 07/07/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

BRS: 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: 12/31/93

Database Release Frequency: Biennially

Date of Last EDR Contact: 08/04/97

Date of Next Scheduled EDR Contact: 09/22/97

### CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

### FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 703-908-2493

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

Date of Government Version: 09/30/95

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/22/97

Date of Next Scheduled EDR Contact: 11/04/97

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

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

Date of Government Version: 12/31/96

Database Release Frequency: Annually

Date of Last EDR Contact: 07/28/97

Date of Next Scheduled EDR Contact: 10/27/97

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/14/97

Date of Next Scheduled EDR Contact: 10/13/97

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/97

Date of Next Scheduled EDR Contact: 11/24/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

PADS: 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: 01/27/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/19/97

Date of Next Scheduled EDR Contact: 11/17/97

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/01/97

Date of Next Scheduled EDR Contact: 09/15/97

**ROD: Records Of Decision**

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 09/03/97

Date of Next Scheduled EDR Contact: 12/01/97

**TRIS: Toxic Chemical Release Inventory System**

Source: EPA/NTIS

Telephone: 202-260-1531

TRIS: 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: 12/31/92

Database Release Frequency: Annually

Date of Last EDR Contact: 07/02/97

Date of Next Scheduled EDR Contact: 09/29/97

**TSCA: Toxic Substances Control Act**

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: 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. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 01/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 06/16/97

Date of Next Scheduled EDR Contact: 09/15/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF CALIFORNIA ASTM RECORDS:

### BEP: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

BEP: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

### CAL-SITES (AWP): Annual Workplan

Source: California Environmental Protection Agency

Telephone: 916-323-3400

CAL-SITES (AWP): Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 10/29/96

Date Made Active at EDR: 03/17/97

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/16/97

Elapsed ASTM days: 60

Date of Last EDR Contact: 07/28/97

### CAL-SITES (ASPIS): Calsites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

CAL-SITES (ASPIS): Known and Potential Hazardous Waste Sites. CAL-SITES, formerly ASPIS, contains both known and potential hazardous substance sites.

Date of Government Version: 05/20/97

Date Made Active at EDR: 09/08/97

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/10/97

Elapsed ASTM days: 60

Date of Last EDR Contact: 06/24/97

### CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3277

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

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 06/11/97

### CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

CORTESE: Identified Hazardous Waste and Substance Sites. The 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.

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/04/95

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/23/95

Elapsed ASTM days: 71

Date of Last EDR Contact: 08/05/97

### LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-445-6532

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/01/97

Date Made Active at EDR: 06/30/97

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/05/97

Elapsed ASTM days: 56

Date of Last EDR Contact: 08/12/97



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**NOTIFY 65: Proposition 65**

Source: State Water Resources Control Board  
Telephone: 916-657-0696

NOTIFY 65: Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93  
Date Made Active at EDR: 11/19/93  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/93  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 07/31/97

**SWF/LF (SWIS): Solid Waste Information System**

Source: Integrated Waste Management Board  
Telephone: 916-255-4035

SWF/LF (SWIS): Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/01/97  
Date Made Active at EDR: 09/08/97  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/07/97  
Elapsed ASTM days: 63  
Date of Last EDR Contact: 09/02/97

**TOXIC PITS: Toxic Pits**

Source: State Water Resources Control Board  
Telephone: 916-227-4364

TOXIC PITS: Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95  
Date Made Active at EDR: 09/26/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95  
Elapsed ASTM days: 27  
Date of Last EDR Contact: 08/14/97

**CA UST:****UST: Hazardous Substance Storage Container Database**

Source: State Water Resources Control Board  
Telephone: 916-227-4408

UST: The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90  
Date Made Active at EDR: 02/12/91  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 07/21/97

**FID: Facility Inventory Database**

Source: California Environmental Protection Agency  
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94  
Date Made Active at EDR: 09/29/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95  
Elapsed ASTM days: 24  
Date of Last EDR Contact: 07/02/97

**WMUDS/SWAT: Waste Management Unit Database**

Source: State Water Resources Control Board  
Telephone: 916-227-4448

WMUDS/SWAT: 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: 06/20/97  
Date Made Active at EDR: 08/01/97  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/24/97  
Elapsed ASTM days: 38  
Date of Last EDR Contact: 06/09/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF CALIFORNIA NON-ASTM RECORDS:

### AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board  
Telephone: 916-227-4382

AST: Registered Aboveground Storage Tanks.

Date of Government Version: 06/09/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/11/97  
Date of Next Scheduled EDR Contact: 11/10/97

### HAZMAT: Hazmat Facilities

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

Date of Government Version: 02/11/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/27/97  
Date of Next Scheduled EDR Contact: 11/24/97

### HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency  
Telephone: 916-324-1803

HAZNET: 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 from non-California manifests and continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/95  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/97  
Date of Next Scheduled EDR Contact: 10/20/97

### SOUTH BAY: South Bay Site Management System

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

SOUTH BAY: Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 09/01/96  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/27/97  
Date of Next Scheduled EDR Contact: 09/15/97

### WDS: Waste Discharge System

Source: State Water Resources Control Board  
Telephone: 916-657-1571

WDS: Sites which have been issued waste discharge requirements.

Date of Government Version: 06/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/25/97  
Date of Next Scheduled EDR Contact: 11/24/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CALIFORNIA COUNTY RECORDS

### ALAMEDA COUNTY:

#### Underground Tanks

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 04/07/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/28/97

Date of Next Scheduled EDR Contact: 10/27/97

#### Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 12/01/96

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/28/97

Date of Next Scheduled EDR Contact: 10/20/97

### CONTRA COSTA COUNTY:

#### SL: Site List

Source: Contra Costa Health Services Department

Telephone: 510-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/02/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/11/97

Date of Next Scheduled EDR Contact: 11/10/97

### KERN COUNTY:

#### UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department

Telephone: 805-862-8700

Kern County Sites & Tanks Listing.

Date of Government Version: 06/10/94

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/14/97

Date of Next Scheduled EDR Contact: 10/13/97

### LOS ANGELES COUNTY:

#### HMS: Street Number List

Source: Department of Public Works

Telephone: 818-458-3517

HMS: Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/27/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/97

Date of Next Scheduled EDR Contact: 09/22/97

#### SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 01/31/96

Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/97

Date of Next Scheduled EDR Contact: 11/24/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SITE MITI: Site Mitigation Complaint Control Log**

Source: Community Health Services  
Telephone: 213-890-7806  
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 08/21/96  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/25/97  
Date of Next Scheduled EDR Contact: 11/24/97

## **MARIN COUNTY:**

### **UST - Currently Permitted**

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

Date of Government Version: 05/12/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/14/97  
Date of Next Scheduled EDR Contact: 11/10/97

## **NAPA COUNTY:**

### **LUST: Sites With Reported Contamination**

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

Date of Government Version: 03/10/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/23/97  
Date of Next Scheduled EDR Contact: 09/22/97

### **UST: Closed and Operating Underground Storage Tank Sites**

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

Date of Government Version: 10/09/96  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/23/97  
Date of Next Scheduled EDR Contact: 09/22/97

## **ORANGE COUNTY:**

### **List of Industrial Site Cleanups**

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

Date of Government Version: 04/11/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 09/15/97

### **LUST: List of Underground Storage Tank Cleanups**

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/26/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 09/15/97

### **UST: List of Underground Storage Tank Facilities**

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/26/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 09/15/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PLACER COUNTY:

### MS: Master List of Facilities

Source: Placer County Health & Human Services

Telephone: 916-889-7335

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/14/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/97

Date of Next Scheduled EDR Contact: 09/29/97

## RIVERSIDE COUNTY:

### LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health

Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/16/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/97

Date of Next Scheduled EDR Contact: 10/27/97

### UST: Tank List

Source: Health Services Agency

Telephone: 909-358-5055

Date of Government Version: 05/06/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/97

Date of Next Scheduled EDR Contact: 10/27/97

## SACRAMENTO COUNTY:

### LUST: Toxistite Cleanup Program - Site Specific Report

Source: Sacramento County Environmental Management

Telephone: 916-386-6706

Date of Government Version: 04/16/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/26/97

Date of Next Scheduled EDR Contact: 11/04/97

### ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management

Telephone: 916-386-6706

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

Date of Government Version: 02/03/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/97

Date of Next Scheduled EDR Contact: 09/15/97

## SAN BERNARDINO COUNTY:

### DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/07/97

Database Release Frequency: Monthly

Date of Last EDR Contact: 06/16/97

Date of Next Scheduled EDR Contact: 09/15/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN DIEGO COUNTY:

### SWF/LF: Solid Waste Facilities

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

Date of Government Version: 11/08/95  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/97  
Date of Next Scheduled EDR Contact: 12/01/97

### HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment "H" permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/15/96  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/97  
Date of Next Scheduled EDR Contact: 11/17/97

## SAN FRANCISCO COUNTY:

### LUST: Local Oversight Facilities

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

Date of Government Version: 05/14/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/97  
Date of Next Scheduled EDR Contact: 11/17/97

### UST: Active Underground Report City and County of San Francisco

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

Date of Government Version: 05/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/97  
Date of Next Scheduled EDR Contact: 11/17/97

## SAN MATEO COUNTY:

### Business Inventory

Source: San Mateo County Environmental Health Services Division  
Telephone: 415-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/01/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/97  
Date of Next Scheduled EDR Contact: 11/17/97

### LUST: Fuel Leak List

Source: San Mateo County Environmental Health Services Division  
Telephone: 415-363-1921

Date of Government Version: 04/21/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/97  
Date of Next Scheduled EDR Contact: 11/17/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SANTA CLARA COUNTY:

### LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District  
Telephone: 408-927-0710

Date of Government Version: 04/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/97  
Date of Next Scheduled EDR Contact: 10/06/97

## SOLANO COUNTY:

### LUST: Leaking Underground Storage Tanks

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

Date of Government Version: 05/20/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 09/15/97

### UST: Underground Storage Tanks

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

Date of Government Version: 03/13/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 09/15/97

## SONOMA COUNTY:

### LUST Sites

Source: Department of Health Services  
Telephone: 707-525-6565

Date of Government Version: 04/04/97  
Database Release Frequency: Monthly

Date of Last EDR Contact: 06/23/97  
Date of Next Scheduled EDR Contact: 09/22/97

## SUTTER COUNTY:

### UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture  
Telephone: 916-741-7504

Date of Government Version: 06/01/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/14/97  
Date of Next Scheduled EDR Contact: 10/13/97

## VENTURA COUNTY:

### BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813

BWT: 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: 05/29/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/97  
Date of Next Scheduled EDR Contact: 09/22/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **LUST: Listing of Underground Tank Cleanup Sites**

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/27/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/97

Date of Next Scheduled EDR Contact: 09/22/97

## **UST: Underground Tank Closed Sites List**

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/29/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/97

Date of Next Scheduled EDR Contact: 09/22/97

## **SWF/LF: Inventory of Illegal Abandoned and Inactive Sites**

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 03/31/96

Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/97

Date of Next Scheduled EDR Contact: 12/01/97



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## California Regional Water Quality Control Board (RWQCB) LUST Records

### LUST Region 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-576-2220

Date of Government Version: 03/18/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/97  
Date of Next Scheduled EDR Contact: 12/01/97

### LUST Region 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

Date of Government Version: 05/23/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/25/97  
Date of Next Scheduled EDR Contact: 09/22/97

### LUST Region 3: LUSTIS Database

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

Date of Government Version: 05/20/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/25/97  
Date of Next Scheduled EDR Contact: 11/24/97

### LUST Region 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-266-7544

Date of Government Version: 04/16/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/97  
Date of Next Scheduled EDR Contact: 10/06/97

### LUST Region 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-255-3125

Date of Government Version: 04/22/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/14/97  
Date of Next Scheduled EDR Contact: 10/13/97

### LUST Region 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 916-542-5424

Date of Government Version: 06/27/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/97  
Date of Next Scheduled EDR Contact: 10/13/97

### LUST Region 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491

Date of Government Version: 05/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/26/97  
Date of Next Scheduled EDR Contact: 11/04/97

### LUST Region 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 619-346-7491

Date of Government Version: 04/03/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/97  
Date of Next Scheduled EDR Contact: 12/01/97

### LUST Region 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4498

Date of Government Version: 03/28/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/14/97  
Date of Next Scheduled EDR Contact: 10/13/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST Region 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 619-467-2952

Date of Government Version: 01/08/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/97

Date of Next Scheduled EDR Contact: 09/08/97

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## California Regional Water Quality Control Board (RWQCB) SLIC Records

### SLIC Region 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220

Date of Government Version: 03/18/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/97  
Date of Next Scheduled EDR Contact: 12/01/97

### SLIC Region 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

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

Date of Government Version: 06/30/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/25/97  
Date of Next Scheduled EDR Contact: 09/22/97

### SLIC Region 3: Active Slc Cases

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

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

Date of Government Version: 05/20/97  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/97  
Date of Next Scheduled EDR Contact: 11/24/97

### SLIC Region 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-266-7544

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

Date of Government Version: 04/01/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/97  
Date of Next Scheduled EDR Contact: 10/06/97

### SLIC Region 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/31/96  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/26/97  
Date of Next Scheduled EDR Contact: 11/24/97

### SLIC Region 8: SLIC List

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-3298

Date of Government Version: 12/20/96  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/26/97  
Date of Next Scheduled EDR Contact: 10/13/97

### SLIC Region 9: Nurds/Nugtank

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 619-467-2980

Date of Government Version: 11/21/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 06/09/97  
Date of Next Scheduled EDR Contact: 09/08/97

## Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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### **DELISTED NPL:** Delisted NPL Sites

Source: EPA  
Telephone: 703-603-8769

**DELISTED NPL:** 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.

### **NFRAP:** No Further Remedial Action Planned

Source: EPA/NTIS  
Telephone: 703-413-0223

**NFRAP:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

### **FRDS:** Federal Reporting Data System

Source: EPA/Office of Drinking Water  
Telephone: 202-260-2805

**FRDS** provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels (MCL's), and other requirements of the Safe Drinking Water Act of 1986.

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

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

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

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1994 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Epicenters:** World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**Water Dams:** National Inventory of Dams  
Source: Federal Emergency Management Agency  
Telephone: 202-646-2801  
WATER DAMS: National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

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

**Drinking Water Quality Database**  
Source: Department of Health Services  
Telephone: 916-324-2319  
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

**Appendix H**

**Information on Nearby Wells from East Bay Municipal  
Utility District and Alameda County Flood Control  
and Water Conservation District**



RECEIVED

NOV 03 1997

EA ENGINEERING, SCIENCE  
AND TECHNOLOGY  
LAFAYETTE, CA

30 October 1997

Mr. Matt Horrigan  
EA, Inc.  
3468 Mt. Diablo Blvd, Suite B100  
Laffayette, CA 94549

Subject: East Bay Municipal Utility District Backflow Prevention Program  
Backflow Devices in Western Oakland

Dear Mr. Horrigan:

Enclosed is the information that you requested from our backflow prevention database. As we discussed, this is not a complete listing of residential wells in the area. The list only represents those well owners who completed a questionnaire. Although most of the addresses listed are for wells, it is likely that some sites are simply ponds or cisterns that could be considered an "alternative source of supply".

If you have not already done so, I suggest that you contact the Alameda County Flood Control and Water Conservation District and speak to Andreas Godfrey at (510) 670-5575. Mr. Godfrey maintains a more complete well database for Alameda County.

I hope that this information is helpful. If you have any further questions, please contact me at (510) 287-0125.

Sincerely,

A handwritten signature in cursive script that reads 'Michael T. Tognolini'.

Michael T. Tognolini, P.E.  
Associate Civil Engineer

MTT:mtt

w:\work\mtt\localgw\bfpcvr.doc

Oak Request (2)

KNOWN WELLS - SOURCE: BACKFLOW PREVENTION SYSTEM (BPS) 2/13/97

	ADDRESS			CITY		
	1504	MAGNOLIA	ST	OAK		
	5550	MARSHALL	ST	OAK		
	1082	57TH	ST	OAK		
	672	11TH	ST	OAK		
	860	MILTON	ST	OAK		
	990	39TH	ST	OAK		
	940	37TH	ST	OAK		
	989	41ST	ST	OAK		
	894	61ST	ST	OAK		
	944	42ND	ST	OAK		
	5702	ADELINE	ST	OAK		
	882	41ST	ST	OAK		
	4600	MARKET	ST	OAK		
	685	40TH	ST	OAK		
	244	19TH	ST	OAK		
	488	48TH	ST	OAK		
	434	42ND	ST	OAK		
	481	63RD	ST	OAK		
	5185	MILES	AVE	OAK		
	434	AVON	ST	OAK		
	5095	SHAFTER	AVE	OAK		
	5811	AYALA	AVE	OAK		
	360	42ND	ST	OAK		
	422	62ND	ST	OAK		
	282	WHITMORE	ST	OAK		
	2204	LAKESHORE	AVE	OAK		



### INFORMATION ON NEARBY WELLS

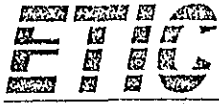
Nestle Oakland Facility, 1310 14th Street, Oakland, California

Location	Owner	Number of Wells	Type of Wells	Depth of Wells (feet)	Distance from Nestle (miles)	Comments
1267 West 14 <sup>th</sup> Street	Nabisco	4	Monitoring	22-30	0.13	4-11/90 drill date; Upgradient
1340 Cypress	Coca-Cola	10	9 Monitoring 1 Extraction	25-30	0.20	3-6/91 drill date; Downgradient
1700 20 <sup>th</sup> Street	Anheuser-Busch Co.	3	Monitoring	30	0.31	9/87 drill date; Downgradient
1614 Campbell	General Electric	1	Industrial	200	0.22	Crossgradient
1800 Peralta	Architectural Emp.	2	Monitoring	10-18	0.18	6/88 drill date; Downgradient
Union at 14 <sup>th</sup> Street	Shredded Wheat	1	Irrigation	55	0.15	Upgradient
1901 Poplar	Pacific Pipe Co.	3	Monitoring	24	0.20	3/94 drill date; Crossgradient
1266 14 <sup>th</sup> Street	Comm. Air.	1	Monitoring	25	0.13	6/96 drill date; Upgradient
1230 14 <sup>th</sup> Street	Sabek Shell	4	1 Boring (Sabek) 3 Monitoring (Shell)	0 (Sabek) 22-23 (Shell)	0.17	7/90 drill date (Sabek), 3/96 drill date (Shell); Upgradient
20 <sup>th</sup> at Campbell	PG&E	1	Cathodic	120	0.31	7/74 drill date; Downgradient

Source: County of Alameda Public Works Agency Well Inventory File, November 1997.

**Appendix I**

**Neighborhood Well Survey Reports**



Engineering, Inc.

14 March 2000

Binayak Acharya  
Nestlé USA, Inc.  
800 N. Brand Boulevard  
Glendale, California 91203

RE: Neighborhood well survey for Nestlé USA, Inc. site at 1310 14<sup>th</sup> Street,  
Oakland, California

Dear Mr Acharya,

As a result of site closure discussions amongst ETIC Engineering, Nestlé USA, the RWQCB and the ACHA, a door-to-door well survey of six properties immediately downgradient of the Nestle site was conducted by ETIC on 3 March 2000. Property owners at two of the six downgradient residences spoke directly with ETIC employees about the possible existence of water wells on their properties. Property owners at the following addresses provided information directly to ETIC employees during the door-to-door well survey:

- 1425 16<sup>th</sup> Street, Oakland CA
- 1429 16<sup>th</sup> Street, Oakland CA

Property owners at the above listed properties indicated that no water supply wells exist on their properties.

Residents and/or owners at the four other identified downgradient properties were not at home during the door-to-door well survey. ETIC employees left pre-stamped survey cards at these residences so that questions regarding water supply wells could be answered and the survey cards mailed back to ETIC. ETIC will notify Nestlé USA of the results of these survey cards if and when they are mailed back to our office.

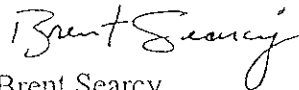
Well survey cards were left at the following residences:

- 1412 15<sup>th</sup> Street, Oakland CA
- 1408 16<sup>th</sup> Street, Oakland CA
- 1421 16<sup>th</sup> Street, Oakland CA
- 1409 17<sup>th</sup> Street, Oakland CA

F:\Projects\Nestle Oakland\PUBLIC\Well Survey\wellsurveyitroak.doc

A map showing the properties visited is included, along with photographs of these properties. Please feel free to contact Brent Searcy at ETIC Engineering with any questions about the door-to-door well survey conducted for the Nestlé facility.

Sincerely,



Brent Searcy  
Project Engineer

BS/dh

Enclosures



NOT TO SCALE

Library

406

18th STREET

17th STREET

16th STREET

16th STREET

15th STREET

14th STREET

13th STREET

12th STREET

MANDELA PARKWAY

POPLAR STREET

UNION STREET

MAGNOLIA STREET

ADELINE STREET

S. KIRKHAM STREET

Church

Church

Fire Station

Vacant

Church

Church

Area of Neighborhood Well Survey

NESTLE SITE

389 (Park)

392

393

394

397

395

1409  
1408

388

374

376

377

378

379

370

371

1412

1429

1425

1421

375

87

37

35

35

67

61

68

58

(Park)

52

38

33

33

89

85

FILENAME: SURROUND.DWG 10/07/99

**ETIC**  
Engineering, Inc.

SURROUNDING LAND USE  
1310 14th STREET, OAKLAND, CALIFORNIA

LEGEND:



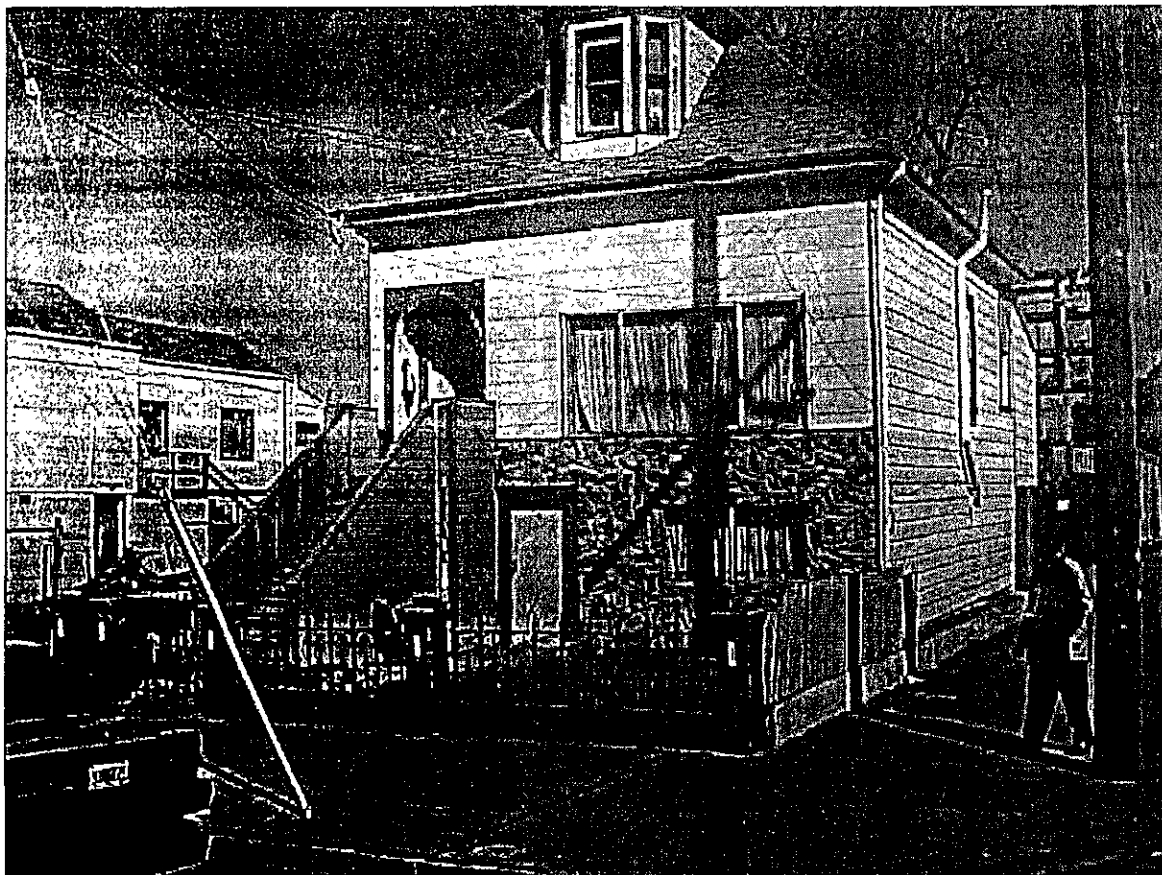
Industrial/Commercial



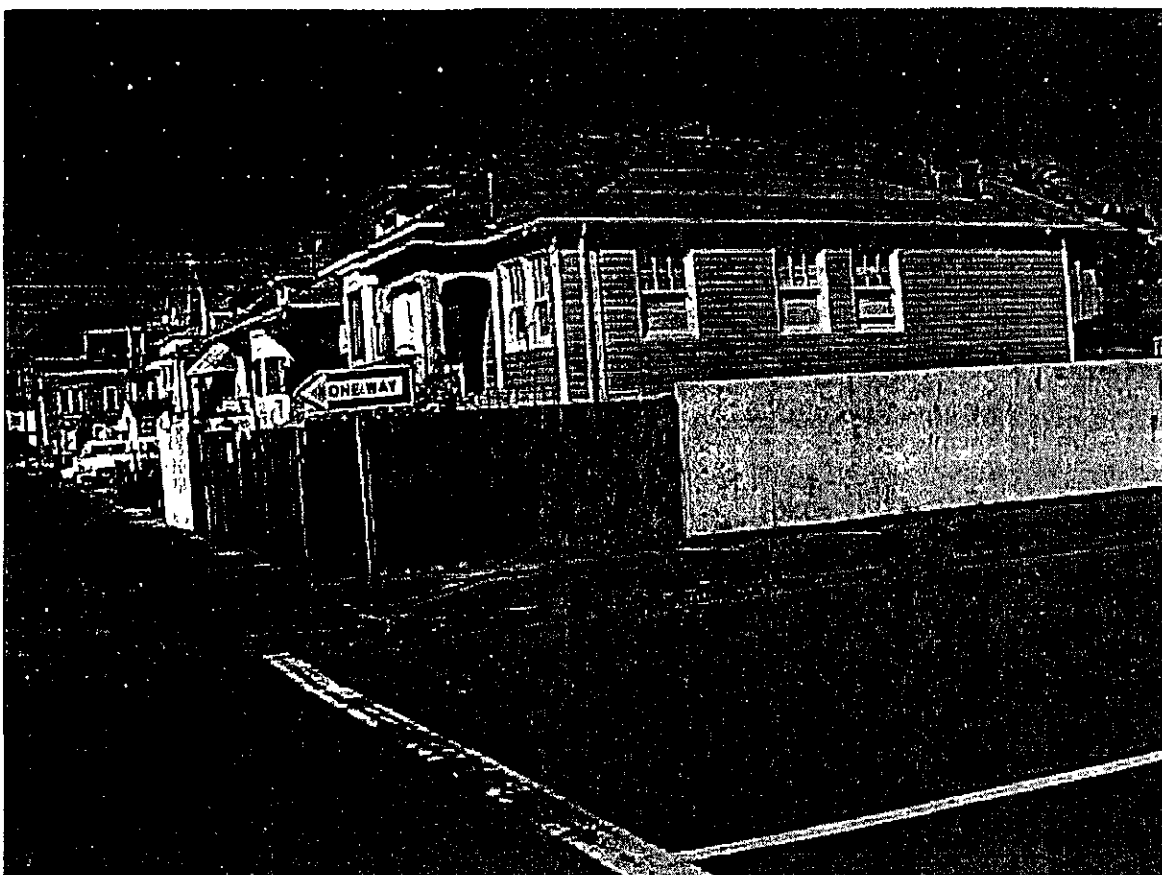
Residential

FIGURE:

**25**



1412 15th Street, Oakland CA



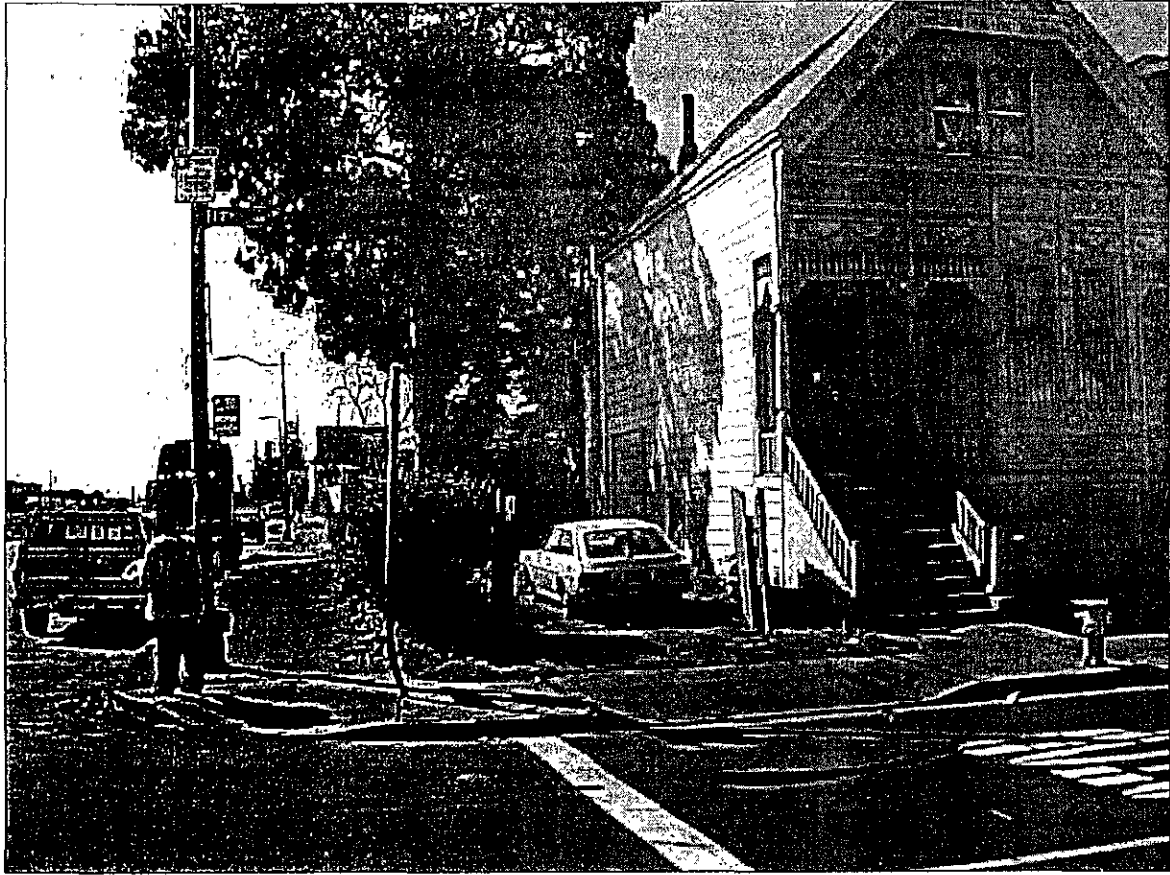
1408 16th Street, Oakland CA



1421 and 1425 16th Street, Oakland CA (left to right)

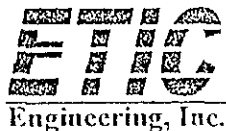


1429 16th Street, Oakland CA



1409 17th Street, Oakland CA





27 March 2000

Binayak Acharya  
Nestlé USA, Inc.  
800 N. Brand Boulevard  
Glendale, California 91203

RE: Follow-up neighborhood well survey for Nestlé USA, Inc. site at 1310 14<sup>th</sup> Street,  
Oakland, California

Dear Mr. Acharya:

As a result of site closure discussions amongst ETIC Engineering, Nestlé USA, the RWQCB and the ACHA, a previous door-to-door well survey of six properties immediately downgradient of the Nestle site was conducted by ETIC on 3 March 2000. A follow-up door-to-door survey was conducted on 22 March 2000 in an attempt to revisit properties whose owners had not responded to ETIC's initial inquiries regarding the possible existence of water wells on their properties. The following residences were visited during this follow-up well survey:

- 1412 15<sup>th</sup> Street, Oakland CA
- 1408 16<sup>th</sup> Street, Oakland CA
- 1421 16<sup>th</sup> Street, Oakland CA
- 1409 17<sup>th</sup> Street, Oakland CA

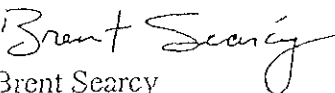
Residents were not present at the time of ETIC's follow up visit for any of the above listed properties. Pre-stamped water well survey cards were left at these residences so that questions regarding water supply wells could be answered and the survey cards mailed back to ETIC. ETIC will notify Nestlé USA of the results of these survey cards if and when they are mailed back to our office.

A map showing these properties, along with photographs of these properties, was included in the 14 March 2000 letter to Nestlé USA documenting our initial neighborhood well survey at this site.

Additionally, ETIC employees investigated the possible existence of an industrial supply well at 1614 Campbell Street. ETIC employees spoke with Walt Davis, General Manager of Western Nonwovens, Inc., which currently occupies the 1614 Campbell Street site. Mr. Davis stated that he had worked at the site since the early 1950s, and he was unaware of any industrial supply wells on the property.

Please feel free to contact Brent Searcy at ETIC Engineering with any questions about the follow-up door-to-door well survey conducted for the Nestlé facility.

Sincerely,

  
Brent Searcy  
Project Engineer

BS/dh