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ENVIRONMENTAL CONSULTING

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Mr. Doug Herman
PORT OF OAKLAND
EH & SC Department
530 Water Street, 2nd Floor
Oakland, CA 94607

**Subject: Soil and Groundwater Investigation - Gray & Reynolds Development Project,
Embarcadero Cove, Oakland**

Dear Mr. Herman:

Enclosed please find our report on the subsurface investigation conducted at the Gray & Reynolds Development site near Embarcadero Cove. If you have any questions or need additional information, please do not hesitate to contact us at your convenience.

Sincerely,



Yane Nordhav
Principal
Reg. Geologist No. 4009

YN:km
Enclosure

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SOIL AND GROUNDWATER INVESTIGATION
AND WORKPLAN

GRAY & REYNOLDS DEVELOPMENT PROJECT

EMBARCADERO COVE
Oakland, California

AUGUST 2001

For:
Port of Oakland
Oakland, California

93879-30

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SOIL AND GROUNDWATER INVESTIGATION

INTRODUCTION

This report presents the results of a subsurface investigation conducted at the Gray & Reynolds development site near Embarcadero Cove in Oakland. The work was undertaken by BASELINE Environmental Consulting (BASELINE) on behalf of the Port of Oakland (Port), the owner of the site. The site is proposed for commercial development by Gray & Reynolds; the commercial development may include two office buildings, a boat yard, and a retail boat facility. The developer has indicated that development would result in removal of two feet of material from the site surface.

A workplan for the subsurface investigation had been prepared by Henshaw Associates (Henshaw, 2001) on behalf of Gray & Reynolds. The workplan was reviewed by the Port and the workplan was revised to reflect the Port comments. The final workplan (Appendix A), dated 23 April 2001, was implemented by BASELINE on behalf of the Port.

The site is adjacent to Brooklyn Basin to the south, Embarcadero and I-880 to the north, the Marriott development site to the west, and the Executive Inn expansion area to the east (Figures 1 and 2). The site measures about 1,200 by 200 feet. The eastern 400 feet of the site is a portion of the former Crowley Yard I.

SITE HISTORY

The entire site was historically submerged. The Port reports (Port of Oakland, 1993) that aerial photographs from 1947 show the presence of Pacific Dry Dock (subsequently **Crowley Yard I**); the remaining site is vacant. Sanborn fire insurance maps from 1902-03, 1911-12, and 1951 show site development only on the 1951 map; development on that map includes Pacific Dry Dock and the Harrison's Marine structures (Port of Oakland, 1993).

Alameda County (1999) reports that **Pacific Dry Dock** operated a dry dock facility on the eastern portion of the site from about 1911 to 1991, and that the site was filled in 1913 with mud obtained from the bottom of Oakland Inner Harbor. The former Crowley Yard I West is currently vacant. Significant investigations have been conducted at Crowley Yard I by Crowley Marine Services since 1991. Alameda County issued a No Further Action letter (Alameda County, 1999) for that site, indicating that residual contamination at the site did not pose a risk to human health or the environment.

The remaining portions of the Gray & Reynolds site (about 800 linear feet west of the former Crowley Yard I site) consist of 1275, 1285, 1311, and 1363 Embarcadero.

Henshaw (2001) indicates that Acme Pallet Company occupied **1275 Embarcadero** from 1965 to 1969. In 1970, a cooling tower and an underground tank were removed from the site. In 1973, Barclay Jack's restaurant opened at the site, followed by the Hungry Hunter. The restaurant is currently vacant.

At **1285 Embarcadero**, Edwards Heat Treating occupied the site from 1957 to 1973 (Port of Oakland, 1993). That facility was a custom heat treater, using electrical transformers. This address is now Harrison's Marine Center. Henshaw (2001) reports that a cavity is thought to be present under a portion of the concrete floor within the boat showroom.

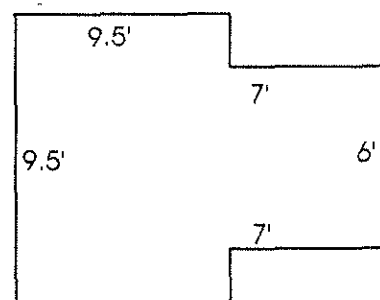
Harrison's Marine also occupies **1311 Embarcadero**. Port of Oakland (1993) reports that the site was used since at least 1951 as Harrison's Marine Center show room and that a site reconnaissance conducted in 1993 did not indicate the presence of hazardous materials use, storage, or generation.

Harrison's Marine also occupies **1363 Embarcadero**. Currently associated with this address is a show room and two maintenance buildings. A 2,000-gallon underground storage tank was formerly located near the showroom building.

SAMPLING AND ANALYSIS APPROACH

On the basis of the site history, a sampling approach of source-specific (targeted) and random sampling was developed. Additional samples would be collected if field observations indicated contamination from the source-specific samples (contingent sampling). The sampling and analytical schemes are described in Appendix A, and summarized in Table 1.

Source-specific sampling occurred at five locations (SB-1 through SB-5) (Figure 2). At those locations, soil samples were collected randomly from the 0- to 2.0-foot and 3.0- to 5.0-foot intervals; these samples were analyzed discretely in the laboratory. Location SB-4 was chosen to be adjacent to a reported cavity in the floor of the boat show room. A metal plate was reported to be located under the concrete floor. The floor was "tapped" by a BASELINE geologist and the "echo" indicated the presence of a subsurface cavity. The shape suggested that the subsurface structure may have been a resin tank for coating fiberglass rolls used for boat repair.



Subsurface Cavity Dimensions
at 1285 Embarcadero

In accordance with the workplan (Appendix A), additional samples (contingent samples) were collected because visual observations indicated contamination in some of the initial sample locations. At locations SB-1 and SB-2 (Figure 2), petroleum odor was noted during drilling; therefore, additional boreholes were installed and soil samples collected around these source-specific locations.

Numerous attempts at contingent borings were made around location SB-1. Soil and a grab groundwater sample were collected from SB-1A, located northeast of the original location. Two attempts were made to install contingent borings southeast of SB-1 (labeled SB-1B in Figure 2). Refusal was encountered 1.0 to 1.5 feet bgs on the first attempt but a shallow sample was collected from the second attempt. Similarly, three attempts were made to the northwest of SB-1. Refusal

was encountered at all three locations at 1.0 to 1.5 feet bgs (labeled SB-1C in Figure 2). Soil samples from a contingent boring installed to the northwest of location SB-2 were collected (labeled SB-2C in Figure 2). Refusal was encountered at an attempted boring southwest of SB-2 (labeled SB-2D) at 1.0 to 1.5 feet bgs.

Random sampling occurred throughout the site. The site was divided into a grid with 20 equal areas (cells). Within each cell, one random boring location was selected (Figure 2). Two soil samples were collected from each boring location. One sample was collected randomly from the depth interval of 0.0 to 2.0 feet below the ground surface (bgs); the purpose for these samples was to assess the quality of material destined for off-site disposal following site development and potential health risks to construction workers. An additional sample was collected from each random boring at a depth of 4.5 to 5.0 feet bgs; the purpose of those samples was to assess potential risks from residual contamination (if any) to future users of the site and potential ecological receptors. The samples were composited, depending on their intended purpose, as indicated in Table 1.

FIELD ACTIVITIES

Field activities were undertaken after a permit had been obtained from Alameda County (Appendix B). USA was contacted to locate utilities entering the site. In addition, Port files were reviewed to identify utilities on-site. All work was undertaken in accordance with a site-specific health and safety plan for BASELINE staff; the BASELINE health and safety plan was also provided to the drilling subcontractor for informational purposes.

Soil samples were collected with a direct push technology rig operated by Precision Sampling, Inc. under supervision by a registered geologist from BASELINE. Continuous samples were collected and logged by the geologist from a four-inch borehole. The samples were collected in either 1.5- or 2- by 6-inch stainless steel tubes; the ends were covered with teflon sheeting, capped with a plastic cap, taped with silicon tape, labeled, and placed in a zip-lock bag. The samples were then placed in a cooled container and brought to Curtis and Tompkins Analytical Laboratories in Berkeley, a California-certified laboratory, for analysis.

For those locations where groundwater samples were also collected, a PVC casing was installed into the borehole with a ϕ 10-slot screen from five to ten feet below the ground surface; groundwater was evacuated from those boreholes where the recharge rate would allow for groundwater to re-enter the installed screen; a groundwater sample was collected using a peristaltic pump attached with teflon tubing directly into laboratory glassware. The samples collected for volatile analyses were placed in 40-ml VOAs. The sample bottles were labeled and placed in a cooled container for transport to the laboratory.

Sampling equipment was decontaminated between sample collections with detergent and deionized water; downhole equipment was decontaminated by steam cleaning, and the liquids were contained on-site in a 55-gallon drum. Soil cuttings from the borehole installations and purged water were also containerized on-site awaiting off-site disposal by the Port; two five-gallon pails of soil and one 55-gallon drum with liquids were stored in the fenced area adjacent to the former Hungry Hunter restaurant. Each borehole was grouted with neat cement and made flush with the surrounding area.

SUBSURFACE CONDITIONS

Subsurface conditions, described below, are based on information obtained during the soil boring installations at the site (Appendix C contains the boring logs). Data from the five source-specific boring locations extended to a depth of ten feet bgs. The remaining borings penetrated to depths ranging from two to five feet bgs. At the deeper source-specific boring locations, fill was encountered in thicknesses ranging from 1.5 to at least ten feet bgs. Bay Mud was encountered in three of the deeper borings. West and south of SB-1 (Figure 2), refusal was encountered at 1.0 to 1.5 feet bgs, possibly indicating a concrete slab.

In the random borings, Bay Mud was encountered in five of the 20 borings at depths ranging from 3.75 to 5.0 feet bgs; in the remaining random borings, the fill was not entirely penetrated. Groundwater was generally encountered between four and seven feet during drilling; at some locations, the groundwater stabilized above the elevation where it was initially encountered during drilling.

ANALYTICAL RESULTS

The analyses performed on the soil and groundwater samples are summarized in Table 1. Summaries of the analytical results are provided in Tables 2 through 10. The soil and groundwater results are presented in separate tables. In addition, the soils tables are separated into summaries for:

- *Waste classification and construction worker health and safety* (Tables 2 through 5); samples collected randomly from 0.0 to 2.0 feet bgs from locations RN-A-1 through RN-E-4.
- *Residual soil quality* (Tables 6 through 8); samples collected at depths of 4.5 to 5.0 feet bgs from locations RN-A-1 through RN-E-4.
- *Source-specific samples* (Table 9); samples collected in potential source areas from locations SB-1 through SB-5.

Soil

Waste Classification and Construction Worker Health and Safety - Soil

Soil samples were collected at randomly selected locations for the purpose of: 1) classifying the soil to be excavated and potentially disposed of off-site and 2) for use in the development of construction worker health and safety plans. Twenty samples were analyzed discretely for volatile organic compounds (VOCs by EPA Method 8260B) and non-halogenated (EPA Method 6010B). Five four-point composites were also created by the laboratory (Comp A through E) and analyzed for Title 22 metals, semi-volatile organic compounds (SVOC by EPA Method 8270C), total petroleum hydrocarbons as diesel (TPH-d) and gasoline (TPH-g) (EPA Method 8015M), benzene, toluene, ethylbenzene, and xylenes (BTEX by EPA Method 8021), and polychlorinated biphenyls (PCBs by EPA Method 8082). In addition, the 20 samples were also composited into two ten-point composites (Comp P1 and P2) for analysis of pesticides (EPA Method 8081A).

The top two feet underlying the site contained **organic** compounds in both the composite (Table 2) and discrete samples (Table 3). The composite samples (Comp A through E) contained up to 19 mg/kg TPH-g, up to 540 mg/kg TPH-d, 0.037 mg/kg total BTEX, up to 0.041 mg/kg total PCBs, and up to 0.49 mg/kg bis(2-ethylhexyl)phthalate; no pesticides were identified above laboratory reporting limits (Table 5). One or more discrete samples contained ethylbenzene, xylenes, toluene, sec-butylbenzene, n-butylbenzene, MTBE, and acetone; the maximum total concentration of these compounds in any of the samples was less than 0.1 mg/kg (Table 3).

The **metal** concentrations across the site were determined by analysis of the five composites for Title 22 metals and the 20 discrete samples for total lead (Table 4). On the western portion of the site, no total metal concentrations exceeded thresholds for defining the soil as a hazardous waste, if it were to be excavated and disposed of off-site. On the eastern portion of the site, in a portion of the former Crowley Yard I West, the total lead concentration in the four-point composite "Comp E" was 1,500 mg/kg, above the total threshold limit concentration (TTLC) of 1,000 mg/kg, which defines a material as a California hazardous waste once excavated and destined for off-site disposal. However, the lead concentration in the discrete samples that made up "Comp E" ranged from 4.9 to 110 mg/kg suggesting that the lead concentration reported for Comp E may have been aberrant. The overall mean of the lead concentration in the 20 discrete samples was 26 mg/kg and the 90% Upper Confidence Level (UCL) of the mean (one-tailed) was 34 mg/kg. In addition to lead, the barium, copper, and zinc in the composite sample from the Crowley Yard I West area (Comp E) was also elevated as compared to the Comp A to Comp D samples, and may also contain soluble concentrations that could exceed the soluble threshold limit concentration (STLC) since the total concentrations exceeded ten times the STLC.

Is this consistent w/ PDD's analytical results?

Conclusion

The top two feet of materials underlying the site do not contain organic compounds above the acceptance thresholds at Forward or Altamont landfill (Class II). The barium, zinc, copper, and lead concentrations in the composite sample from of the Crowley Yard I West portion of the site would either have to be reanalyzed for soluble concentrations before a determination can be made as to the acceptability of the soil at a Class II disposal facility or further characterization would need to be undertaken prior to development, possibly after excavation of the soil destined for off-site disposal.

Due to the presence of hazardous substances in the top two feet of soil at the site, all construction work on the site would need to be undertaken in accordance with a health and safety plan for construction workers.

Residual Soil Quality - Risk Assessment - Soil

Twenty samples were collected from the same locations as those samples used for *Waste Classification and Construction Worker Health and Safety* at 4.5 to 5.0 feet bgs for *Residual Soil Quality*. These deeper samples represent the soil that would be left in-place after development. Ten of these samples were analyzed discretely for VOCs and all 20 samples were analyzed discretely for total lead (Table 1). In addition, the samples were composited into five four-point composites in the

laboratory (Comp F, G, H, I, and J) for analysis of SVOCs and PCBs. Other samples were also collected at up to five feet bgs to evaluate potential source areas; the results of those sampling activities are discussed below in the section *Source-Specific Samples*.

The ten samples analyzed for VOCs contained only acetone and 2-butanone above the laboratory reporting limits. These compounds are common laboratory contaminants; the concentrations of these compounds were all less than 0.08 mg/kg (Table 6). There are no risk-based thresholds for these compounds.

Four SVOCs and Aroclor 1260 (PCB) were identified above the laboratory reporting limits (Table 7) in the five composite samples. The identified concentrations were all below the RBSLs for industrial/commercial land uses.

The total lead concentrations in the five composite samples ranged from 3.5 to 830 mg/kg, with a mean of 162 mg/kg and a 90% UCL of the mean (one-tailed) of 367 mg/kg (Table 8). The 90% UCL is below the risk-based screening level (RBSL) of 750 mg/kg (RWQCB, 2000) for industrial/commercial land uses. *Is there an eco Pb #?*

what about concrete?

Source ?

Conclusion

The randomly collected soil samples, from depths of 4.5 to 5.0 feet below the ground surface, did not contain SVOCs, VOCs, PCBs, or lead above risk-based screening levels identified in the RWQCB publication (RWQCB, 2000). The random sampling indicates that the site as a whole would not represent an unacceptable risk to future users of the site. However, source-specific data indicate that, in the area of sampling location SB-1 and SB-1A, the groundwater quality has been affected by an apparent petroleum release (see discussion below).

Source-Specific Samples - Soil

The investigation included source-specific sampling at five locations (SB-1 through SB-5). "Contingent" sampling around the original sampling locations was also performed because field observations indicated contamination. Observations during sample collection at SB-1 indicated the possible presence of petroleum hydrocarbons. As a result, five additional soil samples were collected from three locations (SB-1A, SB-1B, and SB-2C) (Figure 2). ✓

Volatile organics were identified in one of the four analyzed soil samples (SB-4 at 4.5 to 5.0 feet bgs). Only acetone and 2-butanone were identified, up to 0.09 mg/kg; these are common laboratory contaminants (Table 9). Three SVOCs were identified in two of five samples analyzed at locations SB-1 (3.0 to 3.5 feet bgs) and SB-1A (5.0 to 5.5 feet bgs). Naphthalene and bis(2-ethylhexyl)phthalate concentrations did not exceed the RBSLs for industrial/commercial land uses. The compound 2-methylnaphthalene (at 2.2 mg/kg) exceeded the RBSL of 0.25 mg/kg at one location (SB-1A, 5.0 to 5.5 feet bgs);¹ this threshold is based on protection of groundwater quality

¹ It should be noted that the laboratory reporting limits for the remaining samples analyzed for 2-methylnaphthalene ranged from 0.33 to 1.7 mg/kg; this is above the RBSL of 0.25 mg/kg for the protection of groundwater.

from the leaching of the compound from the soil into the groundwater that is not a drinking water source; the human health protection threshold is 530 mg/kg. Further evaluation of 2-methylnaphthalene is provided in the discussion on groundwater results, below.

Table B
Total petroleum hydrocarbons as gasoline were identified in one of nine soil samples, from SB-1A (5.0 to 5.5 feet bgs) at a concentration of 500 mg/kg. The RBSL for the protection of groundwater is 400 mg/kg for TPH-g and 11,000 mg/kg for protection of human health for commercial/industrial uses. Total petroleum hydrocarbons as diesel were identified in each of the nine samples analyzed for TPH-d; the concentrations ranged from 3.2 to 240 mg/kg. Maximum TPH-d concentrations were less than the RBSL for diesel of 500 mg/kg for the protection of groundwater and 11,000 mg/kg for protection of human health in commercial/industrial uses.

Total BTEX was identified in three of the nine samples analyzed for BTEX. The highest concentration was found in the soil sample from SB-1A (5.0 to 5.5 feet bgs). The total BTEX concentration was 22.2 mg/kg (consisting of toluene at 1.1 mg/kg, ethylbenzene at 5 mg/kg, and xylenes at 16.1 mg/kg). The toluene and ethylbenzene concentrations were less than the RBSL of 8.4 and 24 mg/kg, respectively. The xylene concentration exceeded the RBSL for groundwater protection (1 mg/kg) but not for protection of human health for commercial/industrial uses (210 mg/kg). *VRBSL's*

The soil samples from location SB-3 were analyzed for hexavalent chromium, but no hexavalent chromium was identified above the laboratory reporting limit (0.05 mg/kg). The soil samples from SB-4 were also analyzed for PCBs, but no PCBs were identified above the laboratory reporting limits (0.012 mg/kg) (Table 9).

Conclusion

The analytical results from the soil samples collected at the source-specific locations indicate that the concentrations of organic and inorganic compounds are below thresholds for human health risks. Only at location SB-1A (at a depth of 5.0 to 5.5 feet bgs) did the concentrations of three organic compounds (xylenes, TPH-g, and 2-methylnaphthalene) exceed the RBSLs for effects to the groundwater. Boring SB-1A is located farthest upgradient on the site, adjacent to Embarcadero. The soil samples collected at SB-1, SB-2, and SB-2C had relatively low concentrations or concentrations below the laboratory reporting limit of TPH-g and TPH-d, PAHs, and BTEX; the quality of the soils closer to the groundwater table may have higher concentrations.

PCBs and hexavalent chromium were not identified above laboratory reporting limits in the samples collected adjacent to potential sources. The presumed resin tank inside the building at 1285 Embarcadero does not appear to have affected the subsurface soil quality in the location where samples were collected. The soil quality also does not appear to have been affected by the maintenance building activities at 1363 Embarcadero.

Groundwater

Grab groundwater samples were collected from six locations on the site from potential source areas (Figure 2). Three samples (SB-1, SB-2, and SB-1A) were analyzed for SVOCs, TPH-g, TPH-d, and BTEX; one sample was analyzed for hexavalent chromium (SB-3); one sample was analyzed for PCBs (SB-4); two samples were analyzed for VOCs and SVOCs (SB-4 and SB-5) (Tables 1 and 10).

The groundwater quality in the area of **SB-1** and **SB-1A** has been affected by **petroleum hydrocarbons** and associated compounds. The grab groundwater sample from SB-1 contained 80 mg/L of TPH-g and 2.9 mg/L TPH-d; the laboratory indicated that the hydrocarbon quantified as diesel was a lighter hydrocarbon. Benzene concentrations were reported at 8.6 mg/L and TEX compounds were reported ranging from 3.6 to 11.0 mg/L (Table 10). The compounds 2-methylnaphthalene (0.26 mg/L) and naphthalene (0.61 mg/L) were also reported in the grab groundwater samples. *

During field activities, the geologist collecting the samples reported that the screen of the hydropunch casing from SB-1 (from five to ten feet bgs) contained a petroleum sheen as it was extracted from the borehole. These data suggest the possibility of free product near the groundwater interface. The groundwater was identified during hydropunch installation to be at about seven feet bgs within the fill (Appendix C).

Upgradient from SB-1, a second hydropunch was installed and a grab groundwater sample was collected at SB-1A. That sample also contained TPH-g (25 mg/L), TPH-d (0.8 mg/L - identified by the laboratory to be lighter than the diesel standard), and BTEX ranging from 0.26 (benzene) to 1.9 mg/L (m,p-xylenes); 2-methylnaphthalene (0.13 mg/L) and naphthalene (0.17 mg/L) were also detected.

The concentrations of TPH-g, TPH-d, BTEX, and SVOCs exceeded general groundwater RBSLs for "aquatic life protection." The groundwater concentration of benzene in SB-1 also exceeded the RBSL for indoor air impacts.

The grab groundwater sample from **SB-2**, downgradient from SB-1A and SB-1, only contained 0.18 mg/L of **TPH-d** (reported by the laboratory to be a heavier petroleum than the gasoline standard) (Table 10). This suggests that the petroleum in groundwater at SB-1 and SB-1A has not migrated significantly toward the Bay at the time of sample collection. *or was migrated down gradient*

At location **SB-3**, the grab groundwater sample was analyzed only for hexavalent chromium. This analysis was undertaken to assess potential impacts from a cooling tower, formerly located adjacent to SB-3. No hexavalent chromium was identified above the laboratory reporting limit (Table 10).

The hydropunch **SB-4** was located adjacent to a reported subsurface cavity. The lining of the cavity is unknown (i.e., concrete or wood or unlined). When the current operator of the site occupied the building at 1285 Embarcadero in 1995, the cavity was identified; the floor has not been cut open to access the cavity. The site manager (Reinhard Boost) indicated that old boat yards often had resin

tanks for ship repair and construction. Resins may contain vinyl benzene (styrene) and various solvents.

The grab groundwater sample from SB-4 contained chlorinated solvents, including **trichloroethene (TCE)** (0.3 mg/L), **1,1-dichloroethene** (0.0089 mg/L), **cis-1,2-dichloroethene** (0.47 mg/L), **trans-1,2-dichloroethene** (0.035 mg/L), and **vinyl chloride** (0.011 mg/L) (Table 10). These compounds may be degradational products of tetrachloroethene and/or vinyl benzene. **Benzyl alcohol** was also identified at 0.027 mg/L. The soil sample collected from the SB-4 at 4.5 to 5.0 feet bgs did not contain these compounds. This suggests that either: 1) the source of the groundwater contamination is below the depth of the collected soil sample, or that 2) the source is upgradient, either on- or off-site, and the contaminants are migrating downgradient to location SB-4.

The concentrations of the VOCs are all below the RBSLs for protection of aquatic life (RWOCB, 2000); there is no RBSL for benzyl alcohol. The vinyl chloride concentration of 0.011 mg/L is above the RBSL (0.0049 mg/L) for indoor air impacts for coarse-grained soils, but below the RBSL of 0.782 mg/L for fine-grained soils. The soils at boring location SB-4 consisted of four feet of clayey gravel underlain by one foot of silty clay, underlain by about two feet of silty sand; the sand was underlain by clay. Therefore, the applicable RBSL would likely be between 0.0049 and 0.782 mg/L and the 0.011 mg/L of vinyl chloride in the water sample would be below the adjusted RBSL.

however, need to determine extent of plume.

Sampling location **SB-5** was conducted to assess the possibility of releases from maintenance buildings (Figure 2). The grab groundwater sample was analyzed for SVOCs and VOCs; no compounds were identified above the laboratory reporting limits for SVOCs or VOCs (Table 10).

Conclusions

Groundwater has been affected by gasoline and associated compounds in the vicinity of boring locations SB-1 and SB-1A. The concentrations of TPH, BTEX, and two SVOCs exceed RBSLs for effects to aquatic organisms and/or indoor air. The extent of contamination is undefined.

Chlorinated organics were identified in the groundwater immediately downgradient of the presumed resin tank in the 1285 Embarcadero boat show building; identified compounds include TCE, vinyl chloride, and dichloroethene. The concentrations are below RBSLs for effects to aquatic organisms and indoor air effects. The extent is undefined.

The groundwater quality data obtained during this subsurface investigation were from grab groundwater samples collected from hydropunches. Such groundwater samples contain significantly higher turbidity than samples collected from actual groundwater monitoring wells. The turbidity may contribute to the estimates of contaminant concentrations and therefore the analytical results may not reflect dissolved concentrations of a specific contaminant in the groundwater. The data presented in this report may therefore overstate the concentrations of contaminants in the groundwater.

RECOMMENDATIONS AND WORKPLAN

- The areas near boring locations SB-1 and SB-2 may be underlain by an old concrete foundation(s). To define the extent of this barrier, the Port will either use a drill rig to probe the extent of encountering refusal or employ a magnetometer/GPR methods to define areas of greater density in the subsurface.
- ~~The extent and magnitude of the affected soil and groundwater near SB-1 and SB-2 will be~~ ~~evaluated by installation of four groundwater monitoring wells and up to six soil borings~~ ~~(Figure 2). The four wells will be installed with a hollow stem auger drill rig and the soil~~ ~~borings installed by direct push technology after a permit has been obtained from Alameda~~ ~~County.~~ In areas where the well or boring locations may be underlain by concrete at up to 1.5 feet below the ground surface, a concrete cutter may be employed to penetrate the concrete. The wells will be installed to a depth of five feet below encountered groundwater and screened to about one foot above the stabilized groundwater table. The wells will consist of two-inch PVC casing with 0.01-inch screens set in a eight-inch borehole. The wells will be completed with sand to one foot above the screened interval, overlain by a minimum of one foot of bentonite, and completed with cement to the ground surface. The wells will be capped with a lock and set in a traffic-rated Christy box. Following installation, the wells will be surveyed to determine the elevation relative to mean sea level (NGVD). The borings will be installed to the depth of the groundwater table and up to three soil samples will be collected from each borehole. Following soil sampling, the borings will be abandoned by grouting to the ground surface. Any downhole equipment will be decontaminated by steam cleaning. The decontamination water and drill cuttings will be contained and stored on-site in labeled 55-gallon drums for off-site disposal by the Port.

After well installation, the wells will be developed until the well water is relatively clear and field parameters have stabilized (pH, temperature, and electrical conductivity). The development water will be containerized for off-site disposal by the Port.

At least 48 hours after development, the wells will be sampled. First, the water level in each well will be measured and checked for free product. If there is free product, it will be measured with a dual interface probe, and the well will not be sampled. If there is no free product, the well will be sampled (without purging) using a peristaltic pump with clean teflon tubing. The well water will be placed directly into sample glassware, labeled, and placed in a cooled container for transport to the laboratory under chain-of-custody. ~~The samples will be analyzed for TPH as gasoline, diesel, and motor oil with a silica gel cleanup (EPA Method 8015M), BTEX and MTBE (EPA Method 8021B and EPA Method 8260 confirmation, if detected), and PAHs (EPA Method 8310).~~

During well borehole drilling, soil samples will be collected at five-foot intervals to and including at the groundwater interface. The samples will be collected from a California split spoon sampler fitted with six-inch long stainless steel tubes. Soil samples from the soil borings will be collected in stainless steel tubes. After sample collection, the sampling tube will be capped with teflon sheeting and a plastic cap, and taped with silicon tape prior to being

labeled and placed in a zip-lock bag and a cooled container for transport to the laboratory. The samples will be analyzed for the same analytes as the groundwater samples; in addition, up to three samples will be analyzed for moisture content, bulk density, TOC, and porosity.

- To assess the quality of groundwater near the possible resin tank at 1285 Embarcadero, one groundwater monitoring well will be installed in a downgradient location immediately south of the building. The well will be installed downgradient of soil boring SB-4, where chlorinated hydrocarbons were identified (Figure 3). The well will be drilled through the fill to bottom out in Bay Mud, thereby intercepting the upper water-bearing unit. The well screen will be set from the bottom of the well up to one foot above the groundwater table. Well installation, construction, development, decontamination, and groundwater sampling will be similar to that of the wells described above. The groundwater sample will be analyzed for VOCs (EPA Method 8021B). Soil samples will be collected at five-foot intervals to the bottom of the borehole. The sampling and sample handling will be similar to that described above. The soil samples will be analyzed for VOCs (EPA Method 8021B).
- The results from these additional investigations should be evaluated in terms of risks to future site users and the environment. Depending on the results of the investigation, remedial measures may be required (e.g., soil removal, product removal).
- The Port should evaluate the applicability of agency notification requirements due to the contaminants identified in the soil and groundwater during this investigation.

FUTURE RISK MANAGEMENT MEASURES

The following preliminary short-term and long-term risk management measures are recommended to ensure the protection of human health and the environment for future site development.

Short-Term Risk Management Measures

- All construction work must be undertaken in accordance with a site-specific health and safety plan prepared by a licensed professional. The health and safety plan must take into account all the contaminants identified in the subsurface during this and subsequent investigations.
- All construction activities must be undertaken in accordance with a site-specific Surface Water Pollution Prevention Plan (SWPPP) that minimizes discharges of dust and sediments to the Estuary and surrounding streets, including drainage inlets.
- All soil destined for off-site disposal must be disposed of at a facility permitted to accept waste of the chemical quality identified in this and subsequent investigations.

Long-Term Risk Management Measures

- Residual contaminants would remain on-site. Therefore, all future subsurface construction activities must be undertaken in accordance with a health and safety plan that protects construction workers from exposure to residual chemicals. The plan must be prepared by a

*deed reference?
FHRM recommended evaluation?*

licensed professional. Enforcement of this measure can be ensured by notification to the City of Oakland who will "flag" the site and not issue building permits until this condition has been met.

- Depending on the results of the recommended additional investigation, further risk management measures may be required. Additional actions may include soil excavation and/or groundwater remedial measures.

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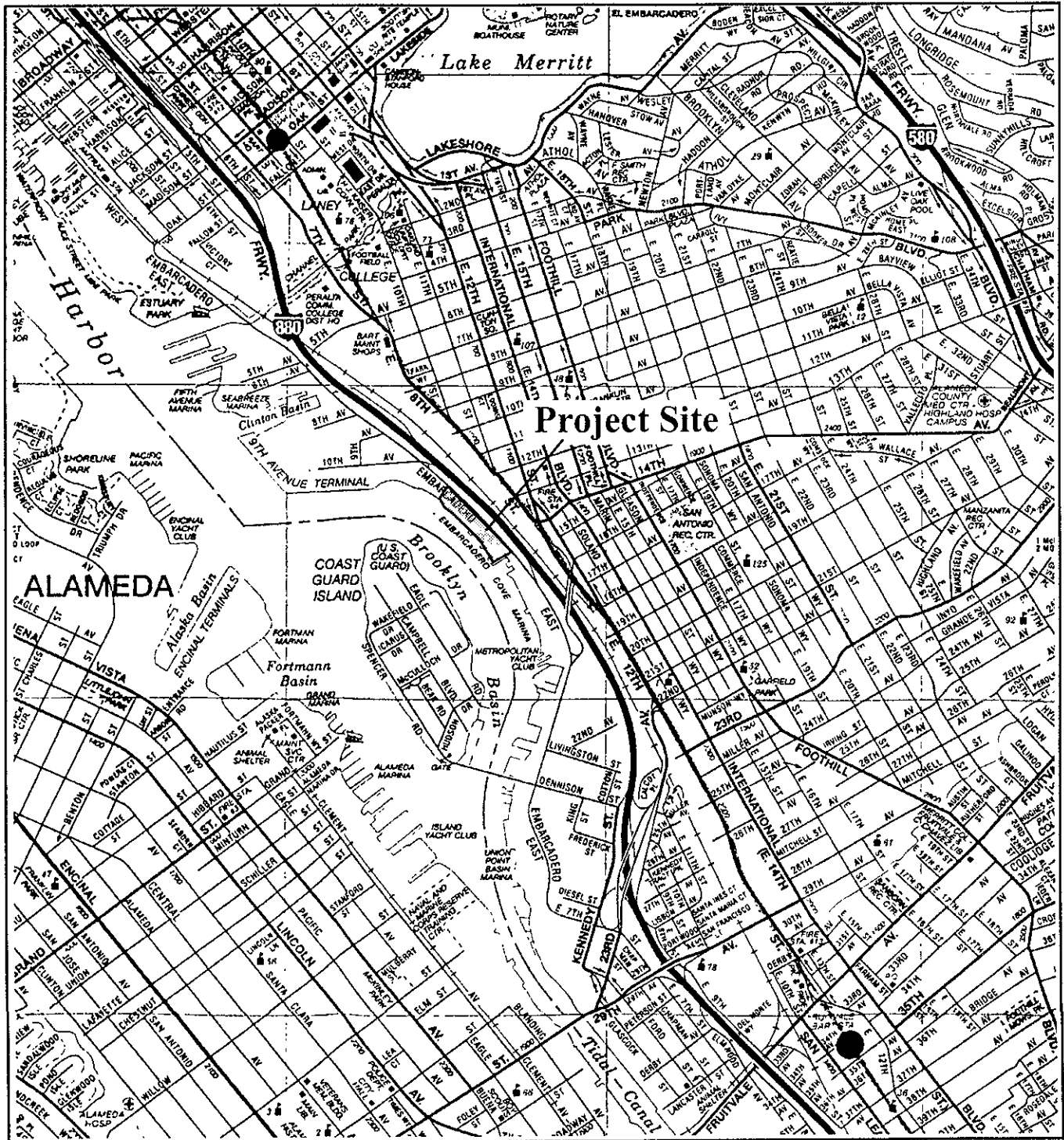
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FIGURES

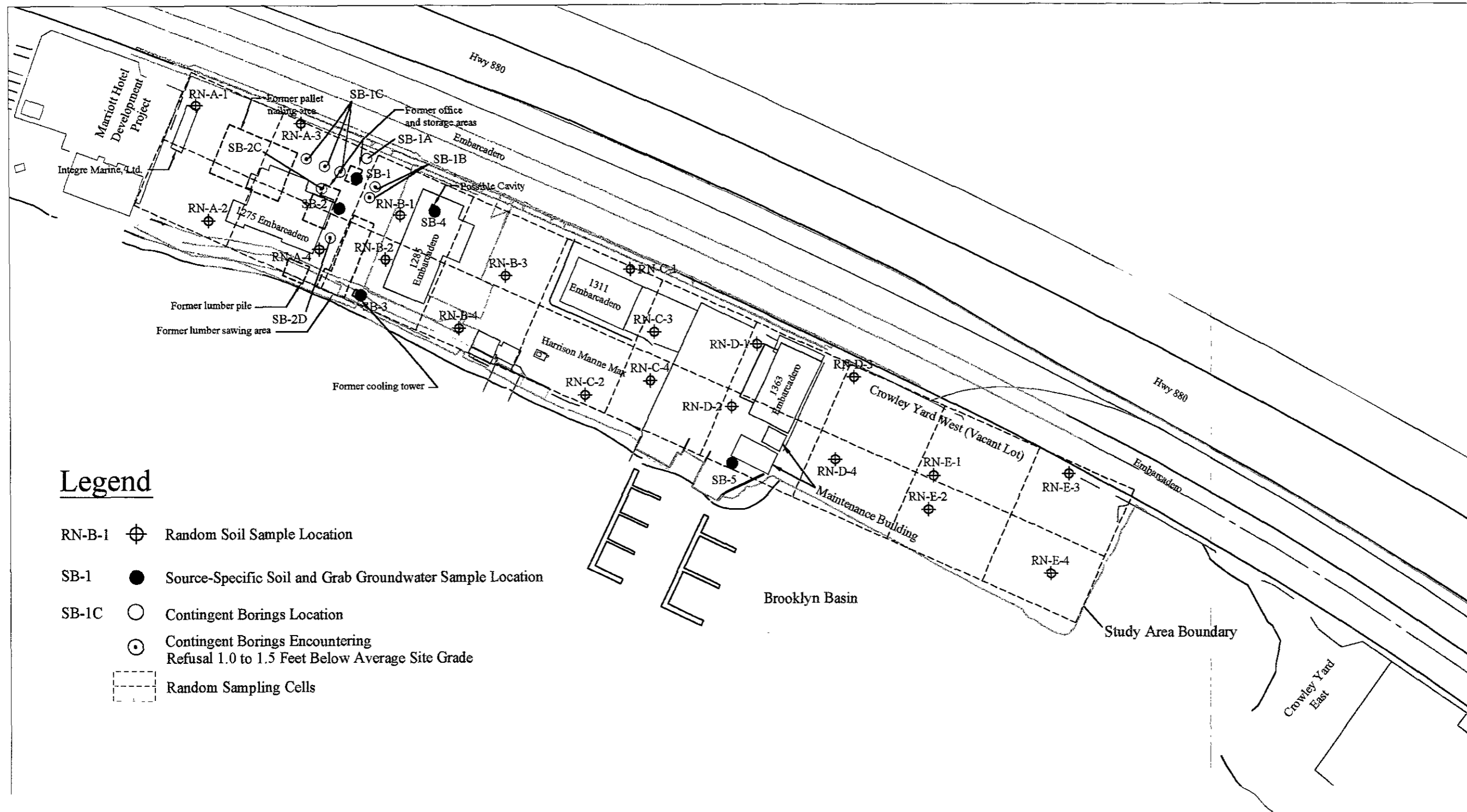


**Gray and Reynolds Development Project
Oakland, California**



BORING LOCATIONS

Figure 2



Legend

- RN-B-1 ⊕ Random Soil Sample Location
- SB-1 ● Source-Specific Soil and Grab Groundwater Sample Location
- SB-1C ○ Contingent Borings Location
- Contingent Borings Encountering Refusal 1.0 to 1.5 Feet Below Average Site Grade
- Random Sampling Cells

Gray and Reynolds Development Project
Oakland, California

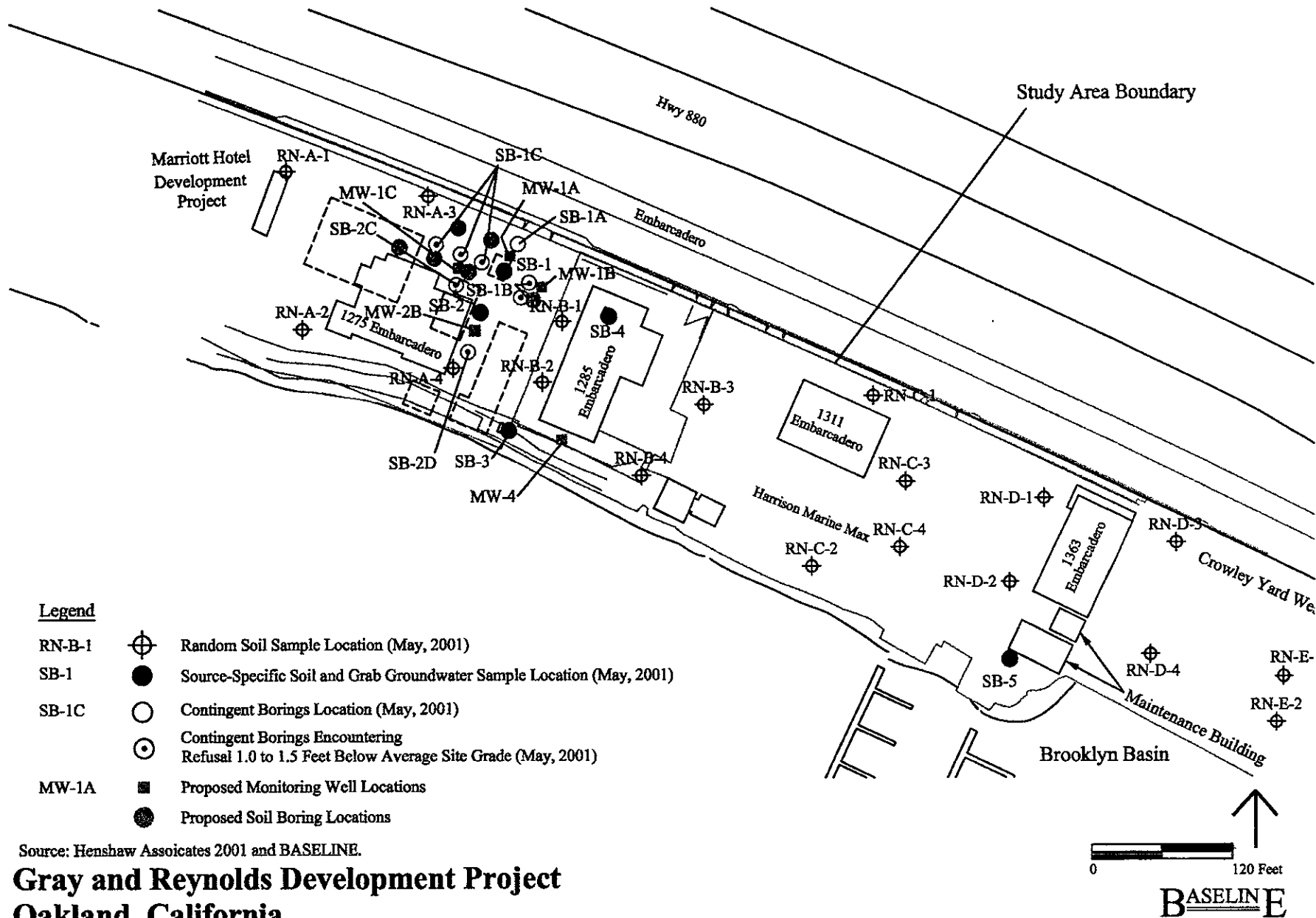
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Source Henshaw Associates 2001 and BASELINE



PREVIOUS SAMPLE LOCATIONS AND PROPOSED SOIL BORING AND MONITORING WELL LOCATIONS

Figure 3



TABLES

TABLE I
SUMMARY OF SOIL AND GROUNDWATER SAMPLE COMPOSITING AND ANALYSES
Gray Reynolds Development Project, Oakland, California
May 2001

Sampling Objective	Station ID	Sample Interval (feet)	Analysis									
			VOCs	SVOCs	TPH-d & TPH-g w/BTEX	111e 22 Metals	Hexavalent Chromium	Lead	PCBs	Pesticides	Tables	
Random sampling for determining disposal options and risk to construction workers	Comp A	RN-A-1	1.5 - 2	X					X			
		RN-A-2	1 - 1.5	X					X			
		RN-A-3	0.5 - 1	X	X	X			X	X		
		RN-A-4	1 - 1.5	X					X			
	Comp B	RN-B-1	1 - 1.5	X					X			
		RN-B-2	1 - 1.5	X	X	X			X	X		
		RN-B-3	1.5 - 2	X					X			
		RN-B-4	0 - 0.5	X					X			
	Comp C	RN-C-1	1 - 1.5	X					X			
		RN-C-2	0.25 - 0.75	X	X	X			X	X		
		RN-C-3	1 - 1.5	X					X			
		RN-C-4	1 - 1.5	X					X			
	Comp D	RN-D-1	0.5 - 1	X					X			
		RN-D-2	1 - 1.5	X	X	X			X	X		
		RN-D-3	1.5 - 2	X					X			
		RN-D-4	0.5 - 1	X					X			
Comp E	RN-E-1	0.5 - 1	X					X				
	RN-E-2	1.5 - 2	X	X	X			X	X			
	RN-E-3	0 - 0.5	X					X				
	RN-E-4	0.5 - 1	X					X				
Random sampling for determining disposal option and risk to construction workers	Comp P1	RN-A-1	1.5 - 2									
		RN-A-2	1 - 1.5									
		RN-A-3	0.5 - 1									
		RN-A-4	1 - 1.5									
		RN-B-1	1 - 1.5								X	
		RN-B-2	1 - 1.5									
		RN-B-3	1.5 - 2									
		RN-B-4	0 - 0.5									
	Comp P2	RN-C-1	1 - 1.5									
		RN-C-2	0.25 - 0.75									
		RN-C-3	1 - 1.5									
		RN-C-4	1 - 1.5									
		RN-D-1	0.5 - 1									
		RN-D-2	1 - 1.5									
		RN-D-3	1.5 - 2								X	
		RN-D-4	0.5 - 1									
Random sampling for determining residual risk after excavation	Comp F	RN-A-1	4.5 - 5	X					X			
		RN-A-2	4.5 - 5		X				X	X		
		RN-A-3	4.5 - 5	X					X			
		RN-A-4	4.5 - 5						X			
	Comp G	RN-B-1	4.5 - 5	X					X			
		RN-B-2	4.5 - 5		X				X	X		
		RN-B-3	4.5 - 5	X					X			
		RN-B-4	4.5 - 5						X			
	Comp H	RN-C-1	4.5 - 5	X					X			
		RN-C-2	4.5 - 5		X				X	X		
		RN-C-3	4.5 - 5	X					X			
		RN-C-4	4.5 - 5						X			
	Comp I	RN-D-1	4.5 - 5	X					X			
		RN-D-2	4.5 - 5		X				X	X		
		RN-D-3	4.5 - 5	X					X			
		RN-D-4	4.5 - 5						X			
Comp J	RN-E-1	4.5 - 5	X					X				
	RN-E-2	4.5 - 5		X				X	X			
	RN-E-3	4.5 - 5	X					X				
	RN-E-4	4.5 - 5						X				
Source-specific sampling to investigate potential presence of constituents based on historical site information	SB-1	0.75 - 1.25			X							
		3 - 3.5		X	X							
		grab groundwater		X	X							
	SB-2	1 - 1.5			X							
		4 - 4.5			X							
		grab groundwater		X	X							
	SB-3	0.5 - 1							X			
		3.5 - 4							X			
		grab groundwater		X					X			
	SB-4	1 - 1.5	X	X							X	
4.5 - 5		X	X							X		
grab groundwater		X	X							X		
SB-5	0.5 - 1	X	X									
	4 - 4.5	X	X									
	grab groundwater	X	X									
Contingent sampling based on field observations	SB-1A	0 - 0.5			X							
		5 - 5.5		X	X							
	grab groundwater		X	X								
SB-1B	1 - 1.5			X								
SB-2C	0 - 0.5			X								
	3 - 3.5			X								

Notes:
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
TPH-d - Total petroleum hydrocarbons as diesel

TPH-g w/BTEX - Total petroleum hydrocarbons as gasoline with benzene, toluene, ethylbenzene, and total xylenes
PCBs - Polychlorinated biphenols

TABLE 2
TOTAL METALS, PETROLEUM, BTEX, PCBs, AND SVOCs IN SOIL, 0-2 FOOT COMPOSITES
Disposal and Construction Worker Health and Safety
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID Compound	COMP A		COMP B		COMP C		COMP D		COMP E	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Metals¹										
Antimony	ND	2.9	ND	2.8	ND	3	ND	2.9	ND	2.9
Arsenic	10	0.24	4.3	0.23	6.1	0.25	3.8	0.24	9.2	0.24
Barium	41	0.48	65	0.46	150	0.5	110	0.48	2200	9.5
Beryllium	0.21	0.095	0.26	0.093	0.29	0.099	0.39	0.096	0.45	0.095
Cadmium	1	0.24	2.1	0.23	1.7	0.25	2.2	0.24	3.8	0.24
Chromium	22	0.48	16	0.46	23	0.5	21	0.48	39	0.48
Cobalt	5.3	0.95	6.4	0.93	6.4	0.99	8	0.96	7.6	0.95
Copper	17	0.48	75	0.46	26	0.5	24	0.48	450	0.48
Lead	24	0.14	32	0.14	31	0.15	29	0.14	1500	0.14
Mercury	0.14	0.019	0.083	0.02	0.3	0.018	0.46	0.019	0.64	0.019
Molybdenum	1.2	0.95	ND	0.93	ND	0.99	ND	0.96	3	0.95
Nickel	25	0.95	27	0.93	36	0.99	41	0.96	69	0.95
Selenium	0.36	0.24	ND	0.23	ND	0.25	ND	0.24	ND	0.24
Silver	ND	0.24	ND	0.23	ND	0.25	ND	0.24	0.25	0.24
Thallium	ND	0.24	ND	0.23	0.39	0.25	0.77	0.24	0.39	0.24
Vanadium	20	0.48	25	0.46	26	0.5	34	0.48	30	0.48
Zinc	40	0.95	61	0.93	69	0.99	92	0.96	1600	19
Organic Compounds										
TPH-g ²	ND	1.1	ND	1	ND	0.94	19	0.98	ND	1.1
TPH-d ²	20	1	76	2	74	2	540	2	98	5
Total BTEX ⁴	<0.0053	0.0053	0.0054	0.0051	0.0052	0.0047	0.037	0.0049	<0.0055	0.0055
Aroclor-1254 ³	0.019	0.012	ND	0.012	ND	0.12	ND	0.012	ND	0.12
Aroclor-1260 ³	0.022	0.012	ND	0.012	ND	0.12	0.034	0.012	ND	0.12
bis(2-ethylhexyl)phthalate ⁵	0.49	0.33	ND	0.33	ND	3.3	ND	1.7	ND	3.3

Notes: RL = Laboratory reporting limit.

TPH-g = Total petroleum hydrocarbons as gasoline. TPH-d = Total petroleum hydrocarbons as diesel. BTEX = Benzene, toluene, ethylbenzene, and xylenes.

Table 1 identifies the compositing scheme. See Figure 2 for sampling locations. Refer to Appendix D for laboratory report.

¹ All analyses except mercury performed using EPA Method 6010B; mercury analysis performed using EPA Method 7470.

² Analyzed by EPA Method 8015M with silica gel cleanup. Gasoline range: C7-C12; diesel range: C10-C24.

³ Analyzed by EPA Method 8082. Only compounds identified above laboratory reporting limits are listed.

⁴ Analyzed by EPA Method 8021B. For individual compounds, refer to laboratory reports in Appendix D.

⁵ Analyzed by EPA Method 8270C. Only compounds identified above laboratory reporting limits are listed.

TABLE 3
VOLATILE ORGANICS IN SOIL, 0-2 FEET BGS
Disposal and Construction Worker Health and Safety
Gray Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID Compound	RN-A1;1.5-2		RN-A2;1-1.5		RN-A3;0.5-1		RN-A4;1.0-1.5		RN-B1;1-1.5		RN-B2;1-1.5		RN-B3;1.5-2		RN-B4;0-0.5		RN-C1;1-1.5		RN-C2;0.25-0.75	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.019	ND	0.02	ND	0.02	ND	0.019	ND	0.02	ND	0.019	0.043	0.019	ND	0.019	ND	0.019	ND	0.02
Ethylbenzene	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	0.0048	0.0047	ND	0.005
m,p-xylenes	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	0.021	0.0047	ND	0.005
o-xylene	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	0.0082	0.0047	ND	0.005
MTBE	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	ND	0.0047	ND	0.005
n-butylbenzene	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	ND	0.0047	ND	0.005
sec-butylbenzene	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	ND	0.0047	ND	0.005
Toluene	ND	0.0046	ND	0.005	ND	0.005	ND	0.0046	ND	0.0049	ND	0.0047	ND	0.0046	ND	0.0047	0.016	0.0047	ND	0.005

TABLE 3
VOLATILE ORGANICS IN SOIL, 0-2 FEET BGS
Disposal and Construction Worker Health and Safety
Gray Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID Compound	RN-C3;1-1.5		RN-C4;1-1.5		RN-D1;0.5-1		RN-D2;1-1.5		RN-D3;1.5-2		RN-D4;0.5-1		RN-E1;0.5-1		RN-E2;1.5-2		RN-E3;0-0.5		RN-E4;0.5-1	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.02	0.048	0.02	ND	0.02	0.047	0.019	0.066	0.04	ND	0.02	ND	0.019	ND	0.019	ND	0.019	ND	0.019
Ethylbenzene	ND	0.0051	ND	0.0051	ND	0.0051	ND	0.0047	ND	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
m,p-xylenes	ND	0.0051	ND	0.0051	0.0094	0.0051	ND	0.0047	ND	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
o-xylene	ND	0.0051	ND	0.0051	ND	0.0051	ND	0.0047	ND	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
MTBE	ND	0.0051	ND	0.0051	ND	0.0051	0.043	0.0047	ND	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
n-butylbenzene	ND	0.0051	ND	0.0051	ND	0.0051	ND	0.0047	0.017	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
sec-butylbenzene	ND	0.0051	ND	0.0051	ND	0.0051	ND	0.0047	0.011	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047
Toluene	ND	0.0051	ND	0.0051	ND	0.0051	ND	0.0047	ND	0.01	ND	0.0049	ND	0.0047	ND	0.0048	ND	0.0047	ND	0.0047

Notes:

All analyses performed using EPA Method 8260B. Only compounds identified above laboratory reporting limits are listed.

RL = Laboratory reporting limit.

Refer to Appendix D for laboratory reports.

Figure 2 shows sampling locations

TABLE 4
TOTAL LEAD IN SOIL, 0-2 FEET
Disposal and Construction Worker Health and Safety
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID	Result	RL
RN-A1;1.5-2	33	0.13
RN-A2;1-1.5	22	0.13
RN-A3;0.5-1	38	0.13
RN-A4;1.0-1.5	14	0.13
RN-B1;1-1.5	7.4	0.13
RN-B2;1-1.5	8.1	0.13
RN-B3;1.5-2	39	0.13
RN-B4;0-0.5	5.9	0.12
RN-C1;1-1.5	29	0.13
RN-C2;0.25-0.75	49	0.14
RN-C3;1-1.5	25	0.14
RN-C4;1-1.5	35	0.12
RN-D1;0.5-1	65	0.13
RN-D2;1-1.5	6.4	0.13
RN-D3;1.5-2	8.1	0.14
RN-D4;0.5-1	12	0.13
RN-E1;0.5-1	6.7	0.12
RN-E2;1.5-2	4.9	0.13
RN-E3;0-0.5	110	0.12
RN-E4;0.5-1	6.9	0.13
Mean	26	
90% UCL	34	

Notes:

All total lead analyses performed by EPA Method 6010B.

RL = Laboratory reporting limit.

Refer to Figure 2 for sampling locations.

Laboratory reports are included in Appendix D.

90% UCL = 90% upper confidence limit of the mean, one-tailed.

TABLE 5
PESTICIDES IN SOIL, 0-2 FEET
Disposal and Construction Worker Health and Safety
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Compound	Sample ID	COMP P1		COMP P2	
		Result	RL	Result	RL
4,4'-DDD		ND	0.06	ND	0.06
4,4'-DDE		ND	0.06	ND	0.06
4,4'-DDT		ND	0.06	ND	0.06
Aldrin		ND	0.03	ND	0.03
alpha-BHC		ND	0.03	ND	0.03
alpha-Chlordane		ND	0.03	ND	0.03
beta-BHC		ND	0.03	ND	0.03
delta-BHC		ND	0.03	ND	0.03
Dieldrin		ND	0.06	ND	0.06
Endosulfan I		ND	0.03	ND	0.03
Endosulfan II		ND	0.06	ND	0.06
Endosulfan sulfate		ND	0.06	ND	0.06
Endrin		ND	0.06	ND	0.06
Endrin aldehyde		ND	0.06	ND	0.06
gamma-BHC		ND	0.03	ND	0.03
gamma-Chlordane		ND	0.03	ND	0.03
Heptachlor		ND	0.03	ND	0.03
Heptachlor epoxide A		ND	0.03	ND	0.03
Heptachlor epoxide B		ND	0.03	ND	0.03
Methoxychlor		ND	0.3	ND	0.3
Toxaphene		ND	0.6	ND	0.6

Notes:

Analyses performed using EPA Method 8081A.

RL = Laboratory reporting limit.

Refer to Table 1 for sample compositing scheme.

Figure 2 shows sampling locations.

Laboratory reports are included in Appendix D.

TABLE 6
VOLATILE ORGANICS IN SOIL, 4.5-5.0 FEET
Residual Soil Quality
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID \ Compound	RN-A1;4.5-5		RN-A3;4.5-5		RN-B1;4.5-5		RN-B3;4.5-5		RN-C1;4.5-5	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2-butanone	ND	0.0096	ND	0.0096	ND	0.01	ND	0.0096	ND	0.0094
Acetone	0.019	0.019	ND	0.019	ND	0.02	0.028	0.019	ND	0.019

Sample ID \ Compound	RN-C3;4.5-5		RN-D1;4.5-5		RN-D3;4.5-5		RN-E1;4.5-5		RN-E3-4.5-5	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
2-butanone	ND	0.01	(0.015)	0.01	ND	0.0093	ND	0.0098	ND	0.01
Acetone	ND	0.02	(0.08)	0.02	0.031	0.019	ND	0.02	ND	0.02

Notes:

All analyses performed using EPA Method 8260B. Only compounds identified above laboratory reporting limit are listed.

RL = Laboratory reporting limit. Only compounds reported above the laboratory reporting limit are listed.

Refer to Appendix D for laboratory reports.

Figure 2 shows sampling locations.

TABLE 7
SVOCs and PCBs in Soil, 4.5-5.0 Feet
Residual Soil Quality
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Compound \ Sample ID	COMP F		COMP G		COMP H		COMP I		COMP J	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
SVOCs										
Benzo(b)fluoranthene	0.37	0.33	ND	6.6	ND	0.33	ND	0.33	ND	0.33
bis(2-ethylhexyl)phthalate	0.96	0.33	13	6.6	0.42	0.33	0.69	0.33	0.86	0.33
Fluoranthene	ND	0.33	ND	6.6	ND	0.33	ND	0.33	1	0.33
Pyrene	ND	0.33	ND	6.6	ND	0.33	ND	0.33	1.1	0.33
PCBs										
Aroclor 1260	ND	<0.12	ND	<0.12	ND	<0.012	0.028	<0.012	ND	<0.012

RBSL ?

Notes:

Analyses performed using EPA Method 8270C for SVOCs and EPA Method 8082 for PCBs. Only compounds identified above laboratory reporting limit are listed.

RL = Laboratory reporting limit.

Sample compositing scheme is shown in Table 1.

Laboratory reports are included in Appendix D.

Figure 2 shows for sampling locations.

SVOCs = Semi-volatile organic compounds.

PCBs = Polychlorinated biphenyls.

TABLE 8
TOTAL LEAD IN SOIL, 4.5 TO 5.0 FEET
Residual Soil Quality
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID	Result	RL
RN-A1;4.5-5	41	0.15
RN-A2;4.5-5	31	0.15
RN-A3;4.5-5	670	0.15
RN-A4;4.5-5	26	0.14
RN-B1;4.5-5	12	0.14
RN-B2;4.25-4.75	4.3	0.14
RN-B3;4.5-5	830	0.15
RN-B4;4.4-5	90	0.12
RN-C1;4.5-5	8.5	0.13
RN-C2;4.5-5	120	0.14
RN-C3;4.5-5	3.5	0.14
RN-C4;4.5-5	49	0.14
RN-D1;4.5-5	11	0.14
RN-D2;4.5-5	27	0.15
RN-D3;4.5-5	40	0.14
RN-D4;4.5-5	28	0.15
RN-E1;4.5-5	35	0.14
RN-E2;4.5-5	6.1	0.15
RN-E3;4.5-5	91	0.15
RN-E4;4.5-5	42	0.13
Mean	162	
90% UCL	367	

Notes:

All total lead analyses performed using EPA Method 6010B.

RL = Laboratory reporting limit.

Refer to Figure 2 for sampling locations.

Laboratory reports are included in Appendix D.

90% UCL = 90% upper confidence limit of the mean, one-tailed.

TABLE 9
VOCs, SVOCs, PETROLEUM, AND BTEX, SOIL
Source Specific
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID Compound	SB-1;0.75-1.25		SB-1;3-3.5		SB-1A;0-0.5		SB-1A;5-5.5		SB-1B;1-1.5		SB-2;1-1.5		SB-2;4-4.5	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
VOCs														
2-butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs														
2-methylnaphthalene	--	--	ND	0.33	--	--	2.2	0.33	--	--	--	--	--	--
bis(2-ethylhexyl)phthalate	--	--	0.61	0.33	--	--	ND	0.33	--	--	--	--	--	--
Naphthalene	--	--	ND	0.33	--	--	2.2	0.33	--	--	--	--	--	--
Petroleum														
TPH-g (C7-C12)	ND	1.1	ND	1	ND	1.1	500	25	ND	1	ND	0.98	ND	1.1
TPH-d (C10-C24)	62	1	13 ^{1,2}	1	240 ^{1,2}	5	40 ^{1,2,3}	1	60 ^{1,2}	1	43 ^{1,2}	1	43 ^{1,2}	1
Total BTEX	ND	0.0056	0.013	0.0052	ND	0.0054	22.2	0.13	0.0074	0.005	ND	0.0049	ND	0.0054
PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 9
VOCs, SVOCs, PETROLEUM, AND BTEX, SOIL
Source Specific
Gray & Reynolds Development Project, Oakland, California
May 2001
(mg/kg)

Sample ID Compound	SB-2C;0-0.5		SB-2C;3-3.5		SB-3;0-0.5		SB-3;3.5-4		SB-4;1-1.5		SB-4;4.5-5		SB-5;0-0.5		SB-5;4-4.5	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
VOCs																
2-butanone	--	--	--	--	--	--	--	--	ND	0.0096	0.016	0.0094	ND	0.01	ND	0.0098
Acetone	--	--	--	--	--	--	--	--	ND	0.019	0.09	0.019	ND	0.02	ND	0.02
SVOCs																
2-methylnaphthalene	--	--	--	--	--	--	--	--	ND	1.7	ND	0.33	ND	1.7	ND	0.33
bis(2-ethylhexyl)phthalate	--	--	--	--	--	--	--	--	ND	1.7	ND	0.33	ND	1.7	ND	0.33
Naphthalene	--	--	--	--	--	--	--	--	ND	1.7	ND	0.33	ND	1.7	ND	0.33
Petroleum																
TPH-g (C7-C12)	ND	0.96	ND	1	--	--	--	--	--	--	--	--	--	--	--	--
TPH-d (C10-C24)	25 ^{1,2}	1	37 ^{1,2}	1	--	--	--	--	--	--	--	--	--	--	--	--
Total BTEX	ND	0.0048	ND	0.0052	--	--	--	--	--	--	--	--	--	--	--	--
PCBs	--	--	--	--	--	--	--	--	ND	0.012	ND	0.012	--	--	--	--
Hexavalent chromium	--	--	--	--	ND	0.05	ND	0.05	--	--	--	--	--	--	--	--

Notes:

VOC analyses performed by EPA Method 8260B; SVOCs by EPA Method 8270C; BTEX by EPA Method 8021, TPH by EPA Method 8015M with silica gel cleanup; PCBs by EPA Method 8082, Hexavalent chromium by EPA Method 7196.

Only those analytes identified above laboratory reporting limits are listed.

RL = Laboratory reporting limit.

Laboratory reports are included in Appendix D.

See Figure 2 for sampling locations.

VOCs = Volatile organic compounds.

SVOCs = Semi-volatile organic compounds.

TPH-g = Total petroleum hydrocarbons as gasoline.

TPH-d = Total petroleum hydrocarbons as diesel.

BTEX = Benzene, toluene, ethylbenzene, and xylenes.

PCBs = Polychlorinated biphenyls.

-- = Not analyzed.

¹ Petroleum hydrocarbon does not match laboratory standard.

² Lighter hydrocarbons contributed to the quantification.

³ Heavier hydrocarbons contributed to the quantification.

TABLE 10
ANALYTICAL RESULTS, GRAB GROUNDWATER
Gray & Reynolds Development Project
Oakland, California
 May 2001
 (µg/L)

Sample ID Compound	SB-1		SB-1A		SB-2		SB-3 ¹		SB-4 ²		SB-5	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
TPH and BTEX												
TPH-g (C7-C12)	80,000	5,000	25,000	500	ND	50	--	--	--	--	--	--
TPH-d (C10-C24)	2,900 ^{3,4}	250	800 ^{3,4}	50	180 ^{3,5}	50	--	--	--	--	--	--
Benzene	8,600	50	260	5	ND	0.5	--	--	--	--	--	--
Ethylbenzene	3,900	50	760	5	ND	0.5	--	--	--	--	--	--
m,p-xylenes	11,000	50	1,900	5	ND	0.5	--	--	--	--	--	--
o-xylene	3,600	50	390	5	ND	0.5	--	--	--	--	--	--
Toluene	8,200	50	170	5	ND	0.5	--	--	--	--	--	--
SVOCs												
2-methylnaphthalene	260	94	130	9.6	ND	9.7	--	--	ND	9.6	ND	9.7
Benzyl alcohol	ND	94	ND	9.6	ND	9.7	--	--	27	9.6	ND	9.7
Naphthalene	610	94	170	9.6	ND	9.7	--	--	ND	9.6	ND	9.7
VOCs												
1,1-dichloroethene	--	--	--	--	--	--	--	--	8.9	5	ND	5
cis-1,2-dichloroethene	--	--	--	--	--	--	--	--	470	31	ND	5
Trans 1,2-dichloroethene	--	--	--	--	--	--	--	--	35	5	ND	5
Trichloroethene	--	--	--	--	--	--	--	--	300	31	ND	5
Vinyl chloride	--	--	--	--	--	--	--	--	11	10	ND	10
Field Measurements												
Turbidity (NTU)	114	--	239	--	640	--	240	--	397	--	252	--

Notes:

TPH-g/TPH-d analyses performed by EPA Method 8015M with silica gel cleanup for diesel; BTEX analyses performed by EPA Method 8021B; SVOC analyses performed by EPA Method 8270C; VOC analyses performed by EPA Method 8260B. Only those SVOC and VOC compounds identified above laboratory reporting limits are shown. RL = Laboratory reporting limit. TPH-g = Total petroleum hydrocarbons as gasoline. TPH-d = Total petroleum hydrocarbons as diesel. SVOCs = Semi-volatile organic compounds. VOCs = Volatile organic compounds. NTU = Nephelometric turbidity units. Refer to Appendix D for laboratory reports. Sampling locations are shown on Figure 2.

¹ This sample was analyzed for hexavalent chromium (EPA Method 7196); hexavalent chromium was not identified above the laboratory reporting limit (10 µg/L).

² This sample was also analyzed for PCBs (EPA Method 8082); PCBs were not identified above the laboratory reporting limit (0.49 µg/L).

³ Sample exhibits fuel pattern which does not resemble standard.

⁴ Lighter hydrocarbons contributed to the quantification.

⁵ Heavier hydrocarbons contributed to the quantification.

APPENDIX A:

WORKPLAN FOR MAY 2001 INVESTIGATION

HA Henshaw Associates, Inc.

Environmental Engineering Services

April 23, 2001

RECEIVED
APR 23 2001
BASELINE

Mr. Doug Herman
Associate Environmental Scientist
Port of Oakland
530 Water Street
Oakland, CA 94607

Re: Sampling and Analysis Plan for Phase II Investigation
Embarcadero Cover Project, Oakland, California
Project No.: 312.A.02

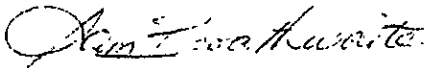
Dear Mr. Herman:

On behalf of Gray and Reynolds, Henshaw Associates, Inc. is pleased to submit the attached workplan. This workplan includes Baseline Environmental Consulting comments provided on April 19, 2001.

Please call if you have any questions or require additional information.

Sincerely,

Henshaw Associates, Inc.



Sam Brathwaite, C.H.G.
Senior Project Manager

cc: Peter Reynolds, Gray & Reynolds
Thomas Bender, The Bender Partnership
Yane Nordhav, Baseline Environmental Consulting ✓

G:\Files\312\10673-01.doc

Soil and Groundwater Sampling and Analysis Workplan

**Embarcadero Cove Project
Oakland, California**

April 23, 2001

Prepared for:

*Gray & Reynolds
2565 Merced Street
San Leandro, CA 94577*

Prepared by:



Henshaw Associates, Inc.
Environmental Engineering Services



SOIL AND GROUNDWATER SAMPLING AND ANALYSIS WORKPLAN
Embarcadero Cove Project
Oakland, California

April 23, 2001

Prepared For:

Gray & Reynolds
2565 Merced Street
San Leandro, CA 94577

Prepared By:

Henshaw Associates, Inc.
11875 Dublin Blvd., Suite A-200
Dublin, CA 94568

Sam Brathwaite, C.H.G.
Senior Project Manager

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- 1 Proposed Soil and Groundwater Sampling and Analysis Plan
- 2 Contingent sampling and Analysis Plan

FIGURE

- 1 Site Vicinity
- 2 Site Layout
- 3 Proposed Sampling Locations
- 4 Contingent Sampling Locations

1.0 INTRODUCTION

Henshaw Associates, Inc. (Henshaw) has prepared this sampling and analysis plan to investigate 1275 Embarcadero, Harrison's Marine Center, and Crowley Yard 1 properties as discussed during our meeting on March 27, 2001 and outlined in our proposal dated March 27, 2001. In preparing this sampling and analysis plan, Henshaw reviewed aerial photographs and Sanborn maps of the subject site and performed site reconnaissance activities on March 30, 2001 to develop a perspective of the historic site use and potential areas of soil and groundwater contamination. In addition, Henshaw reviewed the following documents:

- *Phase I Environmental Site Assessment for Marriott Hotel Development Site, Port of Oakland, July 1994.*
- *Phase II Site Investigation Report – Volume 1, Marriott Hotel Development Site, 1103, 111, and 1155 Embarcadero, Oakland, California. Alisto Engineering Group, March 16, 1995.*
- *Site Evaluation Report, Former Pacific Dry Dock Facility, Yard 1, Washburn, Briscoe & McCarthy, April 1997.*
- *Sampling Workplan for the Former Pacific Dry Dock and Repair Company, Yards 1 and 11, in Oakland, California, Risk-Based Decisions, Inc., November 14, 1997.*
- *Update to Risk Assessment Report for the Former Pacific Dry Dock and Repair Company, Yards 1, Site in Oakland, California, Risk-Based Decisions, Inc. July 6, 1998.*
- *Risk Calculation for Pacific Dry Dock and Repair Company, Yards 1 and 11 in Oakland, California, Risk-Based Decisions, Inc. January 1999.*

1.1 Purpose

The specific purpose of this sampling and analysis plan is to:

- Determine whether soil and groundwater near potential areas of concern have been contaminated;
- Characterize shallow soil across the entire site for disposal purposes;
- Provide data for evaluating potential health and safety risk to construction workers during site development.

2.0 BACKGROUND

2.1 Site Description

As shown in Figure 1, the project site occurs within Embarcadero Cove, which is bounded by Ninth Avenue Terminal on the west, Con-Agra on the east, the Nimitz or I-880 freeway on the north, and Brooklyn Basin on the south. The Site is about 1200 feet long by 200 feet wide and averages approximately 4.5 acres. It encompasses 1275 Embarcadero, Harrison's Marine Center, and Crowley Yard 1 properties. These properties are bounded to the west by the Marriott Hotel development project and the Executive Inn to the east as shown in Figure 2.

Harrison's Marine Center is currently housed in three Butler buildings used for retail shopping, as a showroom and office space. According to the Port of Oakland (July 26, 1994), this was also the site of Edwards Heat Treating between 1956 and 1974. Site operations at that time involved the use of an electrical transformer and potentially other high voltage equipment. Polychlorinated biphenyls (PCBs) were often used in transformers and other high voltage equipment during the 1950s and 1960s and may have been used in the electrical equipment at Edwards Heat Treating. According to the Phase I assessment conducted by the Port of Oakland (July 26, 1994), no signs of contamination were observed; however, a representative of Harrison's Marine Center stated that a hollow area exist beneath the current concrete floor of 1285 Embarcadero, which may represent a former sump or tank used for disposal or storage of PCB liquids, or resins.

In 1973, 1275 Embarcadero was developed into Barclay Jack's restaurant site. This site is now occupied by the former Hungry Hunter Restaurant and Acme Pallet Company. Between 1965 and 1969, Acme Pallet Company occupied 1275 Embarcadero. This company manufactured pallets, skids, and lumber products. Aerial photographs and Sanborn maps show several small wood frame sheds, and a cooling tower on the property. The previous building and the storage sheds were demolished and an underground gasoline storage tank and the cooling tower were removed in 1970.

Crowley Yard 1 has been used as a dock repair facility from approximately 1935 to 1991. This site has been investigated extensively during the 1990's as discussed in Section 2.2. This site is currently vacant.

The waterfront property was first developed in 1931 when the area was infilled with approximately 10 to 15 feet of fill material. Currently, more than 90 percent of the ground surface at Harrison Marine Center and 1275 Embarcadero properties is covered with asphaltic concrete.

The Site is currently owned by the Port of Oakland and is slated for further commercial development. Gray & Reynolds is interested in leasing and further developing the Site by adding a 60,000 square foot office building and the required sales and repair buildings for the retail boat dealers.

2.2 Previous Phase II Investigations

Previous investigations have been conducted at the nearby properties (Marriott Hotel development project and Crowley Yard 1) immediately adjacent to the subject site. The scope of work and the results/conclusions of these investigations are briefly summarized below to provide some context for the scope of work proposed in this sampling and analysis plan. The following is a brief summary of the scope of work conducted at these sites, and the results and conclusions.

The scope of work for the Marriott Hotel development project (Alisto Engineering Group, March 16, 1995) included:

- Drilling and sampling soil and groundwater from 30 borings at approximately 40 to 100 feet apart. The borings were drilled to depths between 10 and 15 feet below ground surface (bgs) and soil was collected from 0 to 2 feet and above the water table. Selected borings were converted into temporary wells to accommodate groundwater sampling.
- Fifty-two soil and 25 grab groundwater samples were submitted to a California certified laboratory for analysis of one or more of the following: volatile organic compounds (VOCs), total petroleum hydrocarbons (TPHs), metals, pesticides, and polychlorinated biphenyls (PCBs).

Based on the results of the investigation, Alisto Engineering Group (March 16, 1995) concluded that concentrations of chemicals of concern (COCs) detected in the soil and groundwater samples do not appear to be a potential hazard or threat to the public health and safety. The report also concluded that COCs in the samples were below California Code of Regulations (CCR Title 26) criteria for hazardous waste classification.

who
oversaw
this?

Several investigations were also conducted at the Crowley Yard I site. These investigations included site characterization and remedial measures after a leaking underground storage tank (LUST) was discovered and removed from the site in the early 1990s. In addition to this and several other investigations, Risk-Based Decision, Inc (July 1998) performed targeted and random soil and groundwater sampling at several locations to further evaluate the potential risks to human health. During this investigation, shallow soil from 0 to 2 feet bgs and immediately above the water table were collected and analyzed for: VOCs, semi volatile organic compounds (SVOCs), TPHs, and metals. This additional sampling and analysis was designed to fulfill data gaps identified during review of previous investigations conducted at Crowley Yard 1. Based on the results of these sampling efforts, Alameda County Health Care Services (ACHCS) concluded that the environmental risk associated with soil and groundwater contamination at Crowley Yard 1 is low and no further action is required.

✓



3.0 RATIONALE AND TECHNICAL APPROACH

Based on the findings of the Phase I Assessment (Port of Oakland, July 26, 1994), there is the potential for soil and groundwater contamination at Harrison's Marine Center and 1275 Embarcadero. To evaluate the potential presence of hazardous substances in soil and groundwater at the Site, a soil and groundwater sampling and analysis plan is recommended prior to any construction activities. The rationale for the sampling program is further described below.

Ultimately, the results of any investigation at 1275 Embarcadero and Harrison Marine Center properties will be compiled with those of previous investigation results for Crowley Yard I, and a comprehensive report evaluating environmental risk for the proposed development, which includes Crowley Yard 1, will be assembled. The technical approach is similar to that developed for the nearby Marriott Hotel development site and was designed to be comprehensive to gather enough information for decision making while reducing the need for further investigations.

Sampling will include targeted as well as random sampling locations. Targeted sampling will be conducted near areas that have been identified during site review activities as having the potential for soil and groundwater impact by release of a known chemical. Five areas have been identified for targeted sampling. These include: the former storage areas and the former cooling tower located at 1275 Embarcadero, the sump in the northern area of 1285 (is this the cavity?) Embarcadero, and the maintenance building in the southern portion of 1363 Embarcadero.

Although the Phase I Site Assessment indicated that an underground storage tank (UST) was removed from the 1275 Embarcadero site, a review of aerial photographs and Sanborn maps did not clearly reveal the location of the former UST. Therefore, the proposed borings SB-1, and SB-2 will be drilled and sampled in areas where the UST may have been located on site. Soils from these borings will be analyzed for TPH compounds and the analysis will be subjected to silica gel cleanup. Borings SB-3, SB-4, and SB-5 will be drilled and sample near the former cooling tower, potential sump area, and the maintenance building, respectively. At these locations, soil samples will be collected in the intervals from 1 to 1.5 feet and 4 to 4.5 feet. A shallow groundwater sample will also be collected and analyzed for the potential COCs. Based on previous data, shallow groundwater is anticipated between 5 to 10 feet bgs. In the targeted areas, samples will be analyzed for only COCs. *What are the COCs?*

*TPH & or
ms
only!*

*basis for their
locations?*

This Work Plan assumes development resulting in removal of two feet of soil and structures on piers. This sampling scheme does not account for characterizing cuttings from pier installation. For characterizing soil for disposal and health and safety risk to construction workers, shallow soil from 0 to 2 feet will be sampled randomly across the site. In addition, samples from 4.5 feet will also be collected at the random locations for evaluating baseline risk if the top 2 feet of soil is removed from the site during construction activities. The western portion of Crowley Yard 1 will be included in the random sampling plan. In accordance with Test Methods for Evaluating Solid Waste (EPA SW846, September 1986),



the site will be drilled at 20 locations and random locations within each grid will be sampled at random depths between 0 to 2 feet bgs and at 4.5 to 5 feet bgs. Actual sample location will be determined in the field and staff will be allowed to select the most suitable or accessible location within each grid. A four point composite scheme will be used to combine the 20 shallow soil samples into five composite samples. These samples will be analyzed for SVOCs, PCBs, total extractable petroleum hydrocarbons/total volatile petroleum hydrocarbons (TEPHs/TVPH [with silica gel]), and Title 22 metals. Due to the potential for volatilization, shallow soils from the randomly sampled locations will be analyzed individually for VOCs and will not be composited. An aliquot of the individual samples from all 20 samples will be analyzed for VOCs and total lead. A 10 point composite scheme will be used to combine an aliquot of the 20 shallow soil samples into two composite samples to be analyzed for pesticides. Samples from each location that comprise the composite samples will be held by the laboratory for confirmation analysis should elevated chemicals be detected in the composite sample.

has determined?

shallow

additional levels?

The 4.5-foot ^(deep) depth samples will be placed on hold pending the results of the shallow soil samples. In preparation for analysis, a four point composite scheme will be used to create five composite samples out of the 20 discrete samples. These samples will be held for analysis of PCBs and SVOCs. An aliquot of 10 of the randomly collected samples at 4.5 feet bgs will be held for analysis of VOCs and all 20 samples will be held for analysis of total lead. The proposed sampling locations are shown in Figure 2 and summarized in Table 1.

To be consistent with previous investigations, similar constituent analysis should be performed. Since petroleum hydrocarbons contain carcinogenic polynuclear aromatic compounds (PNAs), SVOC analyses will be performed in conjunction with TPH analysis. However, for samples used to evaluate risk only, SVOC analyses will be performed in lieu of TPH analysis. VOCs and SVOC analyses are recommended near the maintenance building south of 1363 Embarcadero since solvents are commonly used as degreasers in maintenance shops. Hexavalent chromium is recommended near the cooling tower since this compound is commonly used as an anticorrosive in cooling towers. Because of the possibility of PCBs and resins in the potential sump area at 1285 Embarcadero, samples in that area will be analyzed for PCBs, VOCs, and SVOCs. In addition to TPH, VOCs, SVOCs, and metal analyses typically required for characterizing soils for disposal purposes, pesticides are included because the presence of these compounds have been detected quite frequently in fill imported from areas previously used for agricultural purposes. Since it is not known where the fill used to develop the Site was derived, pesticides analyses is recommended during the site wide characterization of shallow soils. (could be from fill, how could you tell?)

still need TPH analysis.

3.1 Contingent Sampling

Should visual evidence of contamination¹ be identified at the targeted locations during the field sampling activities, secondary "step out" borings will be drilled at approximately 15 to 30-foot on centers from the primary boring in an effort to delineate the extent of the visual

¹ Visual evidence of contamination meaning non-aqueous phase liquids or dense non-aqueous phase liquids; obvious staining, strong contaminant odors, or elevated photoionization detector readings.

contamination in the area. These borings will also extend approximately 2 feet into visually unimpacted materials beneath any contamination identified. To characterize the impacted area, visually "clean" soil samples below and surrounding the impacted area will be collected and submitted for analysis. Therefore, although several secondary boring locations may be identified, only one of the borings in each series of step out locations will be sampled. For conceptual purposes, a contingent sampling plan is presented in Figure 3 and summarized in Table 2. Note, if elevated COCs were identified at any of the random sample locations, a similar sampling effort as shown in Figure 3 will be implemented to delineate the contamination.

4.0 SCOPE OF WORK

The scope of work will include the following tasks.

4.1 Task 1: Prefield Activities

Prefield activities will include:

- Coordinating project activities
- Scheduling subcontractors
- Visiting the site to mark boring locations

The field investigation will be performed by the Port of Oakland Consultant. Before drilling, the consultant will visit the site to mark and clear boring locations. Exploratory boring permits will be obtained from Alameda County Health Care Services. Borings will be ticketed with Underground Services Alert (USA) and a subsurface utility locating company shall be retained to clear the proposed borings of subsurface utilities. Note coring of the asphaltic concrete may be required before sampling activities.

4.2 Task 2: Sample Soil and Groundwater

This task will involve drilling and soil sampling at the 5 exploratory borings (SB-1 through SB-5) as shown in Figure 3. The specific location and analysis for each location is presented in Tables 1 and 2. As shown in these tables, the proposed sampling locations represent areas with the highest potential for encountering hazardous constituents in soil and groundwater.

The borings could be drilled using direct push technologies. At each location, soil samples shall be collected between 1 – 1.5 and 4 – 4.5 feet below the asphaltic concrete surface. Below 5 feet a groundwater sample will be collected at selected locations. Groundwater is anticipated at approximately 5 to 10 feet bgs. Borings will be continuously logged in accordance with the Unified Soil Classification System. A total of two soil samples will be collected from each boring. Soil samples will be collected in 6-inch-long, 1.5-inch-diameter

Clarify

stainless-steel liners or appropriate containers. The liners will be placed in a 2-1/2-inch-inner-diameter stainless steel sampling device. The ends of the liners will be covered with Teflon-lined plastic end caps. Sampling will be terminated at approximately 10 to 15 feet bgs after collecting a groundwater sample. Inch and a quarter diameter schedule 40 PVC casing with 0.010-inch slots will be installed in the borings temporarily to accommodate grab groundwater sampling.

In addition to the ^Stargeted samples, shallow soils from random depths between 0-2 and at 4.5 feet bgs will be collected randomly across the site at approximately 80 to 120-foot spacing or one sample per 10,000 square feet from borings designated "RN-X-X". These borings will be sampled using hand auger equipment and samples will be collected in stainless steel liners as described above.

All samples will be stored in a cooled container and delivered to the laboratory under chain-of-custody control within 24 hours of collecting the samples. Upon reaching the targeted depth, the borings will be backfilled to ground surface with a cement slurry. Drilling equipment will be steam-cleaned before drilling and between borings to reduce the potential for cross contamination. Soil cutting and wastewater generated during drilling will be contained in 55-gallon drums prior to receipt of the analytical results. The Port of Oakland, the generator on record, will be responsible for disposal of all waste generated.

4.3 Task 3: Perform Laboratory Analysis

At the laboratory, samples will be analyzed for one or more of the following:

- Volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 8260; *add MTBE*.
- Semi volatile organic compounds (SVOCs) using EPA Method 8270;
- Total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8015 modified;
- Total extractable petroleum hydrocarbons using EPA Methods 3510/3550 and 8015 modified;
- Polychlorinated biphenyls (PCBs) and pesticides using EPA Method 8080; and
- California Code of Regulations (CCR) Title 22 metals, lead and hexavalent chromium using EPA 6000/7000 Series.

Chemical analysis shall be performed by a California-certified laboratory.

4.4 Task 4: Data Evaluation and Report Preparation

Following completion of the field activities and upon receipt of the laboratory analytical reports, a report evaluating the analytical results will be prepared. Detectable concentrations of COCs will be summarized in tables. The analytical results will be compared to the following:

- Waste classification criteria outlined in the CCR.
- Acceptance criteria for local solid waste disposal facilities that may receive waste soil from the proposed construction.
- Risk-based values for soil and groundwater, where applicable.

The report will also include boring logs of all the borings drilled.

5.0 SCHEDULE

Prefield activities are expected to be completed within one week of authorization to proceed. The sampling program is expected to be completed within two days assuming no contingent sampling will be required. Analytical results shall be conducted on a 5-day turn-around basis. A report documenting the field activities and analytical results shall be completed within two weeks of receiving the analytical results. Overall, this project is expected to be complete within 4 to 6 weeks from the start of the program depending on which sampling option is chosen and the results of the initial sampling efforts.

TABLES

Table 1
Proposed Soil and Groundwater Sampling and Analysis Plan
Embarcadero Cove Project
Oakland California

Sampling Objective	Station ID	Sample Interval (feet)	Analysis							Anticipated Depth (feet)		
			VOCs	SVOCs	TEPH and TPH-g w/BTEX	Title 22 Metals	Hexavalent Chromium	Lead	PCBs		Pesticides	
Targeted sampling to investigate potential presence of constituents based on historical site information	SB-1	0 - 2								10 - 15		
		3 - 5		X	X							
	SB-2	0 - 2								10 - 15		
		3 - 5		X	X							
	SB-3	0 - 2								10 - 15		
		3 - 5					X					
	SB-4	0 - 2								10 - 15		
		3 - 5	X	X					X			
	SB-5	0 - 2								10 - 15		
		3 - 5	X	X								
Random sampling for determining disposal option and risk to construction workers	Comp A	RN-A-1	0 - 2	X					X		2	
		RN-A-2	0 - 2	X					X		2	
		RN-A-3	0 - 2	X	X	X	X			X	X	2
		RN-A-4	0 - 2	X						X		2
	Comp B	RN-B-1	0 - 2	X						X		2
		RN-B-2	0 - 2	X						X	X	2
		RN-B-3	0 - 2	X		X	X			X		2
		RN-B-4	0 - 2	X						X		2
	Comp C	RN-C-1	0 - 2	X						X		2
		RN-C-2	0 - 2	X						X	X	2
		RN-C-3	0 - 2	X	X	X	X			X		2
		RN-C-4	0 - 2	X						X		2
	Comp D	RN-D-1	0 - 2	X						X		2
		RN-D-2	0 - 2	X						X	X	2
		RN-D-3	0 - 2	X		X	X			X		2
		RN-D-4	0 - 2	X						X		2
	Comp E	RN-E-1	0 - 2	X						X		2
		RN-E-2	0 - 2	X						X	X	2
		RN-E-4	0 - 2	X	X	X	X			X		2
		RN-E-5	0 - 2	X						X		2
											2	
Random sampling for determining disposal option and risk to construction workers	Comp P1	RN-A-1	0 - 2									2
		RN-A-2	0 - 2									2
		RN-A-3	0 - 2									2
		RN-A-4	0 - 2									2
		RN-B-1	0 - 2								X	2
		RN-B-2	0 - 2									2
		RN-B-3	0 - 2									2
		RN-B-4	0 - 2									2
	Comp P2	RN-C-1	0 - 2									2
		RN-C-2	0 - 2									2
		RN-D-1	0 - 2									2
		RN-D-2	0 - 2									2
		RN-D-3	0 - 2									2
		RN-D-4	0 - 2									2
Comp E	RN-E-1	0 - 2									2	
	RN-E-2	0 - 2									2	
	RN-E-4	0 - 2									2	
	RN-E-5	0 - 2									2	
											2	
Random sampling for determining baseline risk after excavation	Comp F	RN-A-1	4.5 - 5	X						X		5
		RN-A-2	4.5 - 5							X		5
		RN-A-3	4.5 - 5	X						X		5
		RN-A-4	4.5 - 5							X		5
	Comp G	RN-B-1	4.5 - 5	X						X		5
		RN-B-2	4.5 - 5							X	X	5
		RN-B-3	4.5 - 5	X	X					X		5
		RN-B-4	4.5 - 5							X		5
	Comp H	RN-C-1	4.5 - 5	X						X		5
		RN-C-2	4.5 - 5							X	X	5
		RN-C-3	4.5 - 5	X						X		5
		RN-C-4	4.5 - 5							X		5
	Comp I	RN-D-1	4.5 - 5	X						X		5
		RN-D-2	4.5 - 5							X	X	5
		RN-D-3	4.5 - 5	X	X					X		5
		RN-D-4	4.5 - 5							X		5
	Comp J	RN-E-1	4.5 - 5	X						X		5
		RN-E-2	4.5 - 5							X	X	5
		RN-E-4	4.5 - 5	X						X		5
		RN-E-5	4.5 - 5							X		5
											5	

Notes
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
TEPH - Total extractable petroleum hydrocarbons
TPHg - w/BTEX - Total petroleum hydrocarbons as gasoline with benzene, toluene, ethylbenzene, and total xylenes
PCBs - Polychlorinated biphenols
Comp A - represents the composite samples of RN-A-X samples

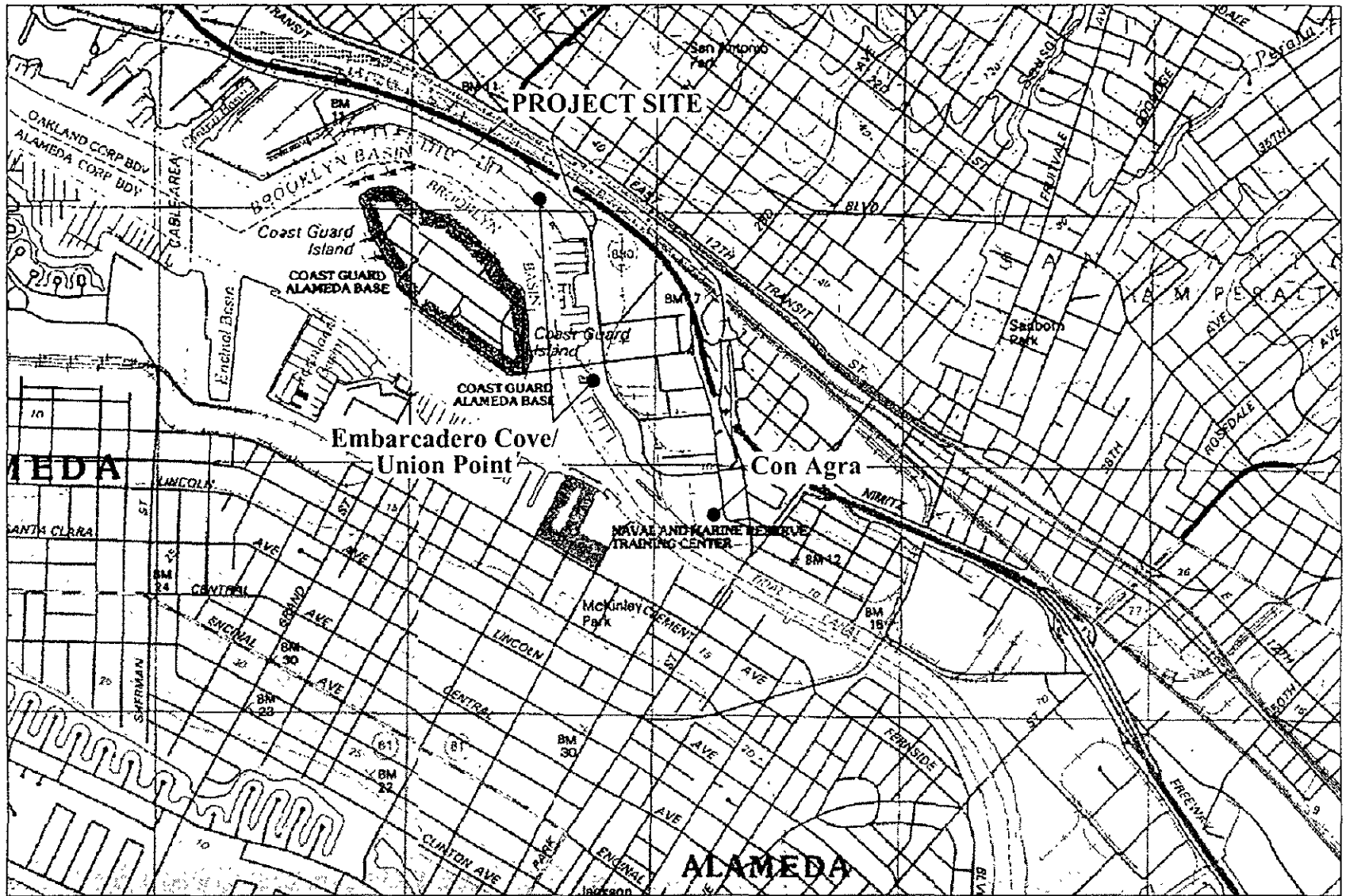
Table 2
Contingency Sampling and Analysis Plan
 Embarcadero Cove Project
 Oakland, California

Sampling Objective	Station ID	Sample Interval (feet)	Analysis					Anticipated Depth (feet)
			VOCs	SVOCs	TEPH and TPH-g w/BTEX	Hexavalent Chromium	PCBs	
Contingent sampling	SB-1A	0 - 2		X	X			10 - 15
		3 - 5						
	grab groundwater							
	SB-1B	0 - 2		X	X			10 - 15
		3 - 5						
	grab groundwater							
	SB-1C	0 - 2		X	X			10 - 15
		3 - 5						
	grab groundwater							
	SB-1	D		X	X			7 - 15
	SB-2A	0 - 2		X	X			10 - 15
		3 - 5						
	grab groundwater							
	SB-2C	0 - 2		X	X			10 - 15
		3 - 5						
	grab groundwater							
	SB-2	D		X	X			7 - 15
	SB-3A	0 - 2					X	10 - 15
		3 - 5						
	grab groundwater							
	SB-3	D				X		7 - 15
	SB-4A-1	0 - 2	X	X				10 - 15
		3 - 5						
	grab groundwater							
	SB-4A-2	0 - 2						
		3 - 5						
	grab groundwater							
	SB-4B-1	0 - 2	X	X				10 - 15
		3 - 5						
	grab groundwater							
	SB-4B-2	0 - 2						
		3 - 5						
	grab groundwater							
	SB-4C-1	0 - 2	X	X				10 - 15
		3 - 5						
	grab groundwater							
	SB-4C-2	0 - 2						
		3 - 5						
	grab groundwater							
	SB-4D-1	0 - 2	X	X				10 - 15
3 - 5								
grab groundwater								
SB-4D-2	0 - 2							
	3 - 5							
grab groundwater								
SB-4	D	X	X				7 - 15	
SB-5A-1	0 - 2	X	X				10 - 15	
	3 - 5							
grab groundwater								
SB-5A-2	0 - 2							
	3 - 5							
grab groundwater								
SB-5B-1	0 - 2	X	X				10 - 15	
	3 - 5							
grab groundwater								
SB-5C-1	0 - 2	X	X				10 - 15	
	3 - 5							
grab groundwater								
SB-5C-2	0 - 2							
	3 - 5							
grab groundwater								
SB-5D-1	0 - 2	X	X				10 - 15	
	3 - 5							
grab groundwater								
SB-5D-2	0 - 2							
	3 - 5							
grab groundwater								
SB-5	D	X	X				7 - 15	

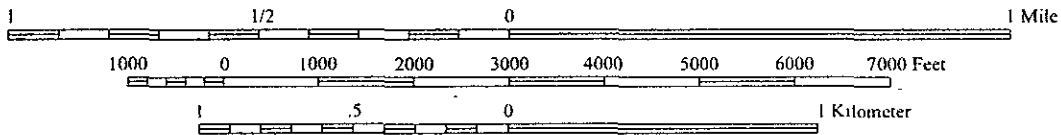
Notes:

- VOCs - Volatile organic compounds
 - SVOCs - Semivolatile organic compounds
 - TEPH - Total extractable petroleum hydrocarbons
 - TPH-g w/BTEX - Total petroleum hydrocarbons as gas with benzene, toluene, ethylbenzene, and total xylenes
 - PCBs - Polychlorinated biphenols
 - D - This interval is approximately 2 feet below the impacted interval and within visible unimpacted soil
- All secondary boring will be drilled to the approximate depth of the primary boring
 Borings proposed for sampling are for conceptual purposes only and actual borings sampled will be based on field observations.

FIGURES



Scale 1:24,000



Source: TOPOI, Wildflower Productions, 2000

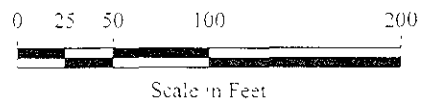
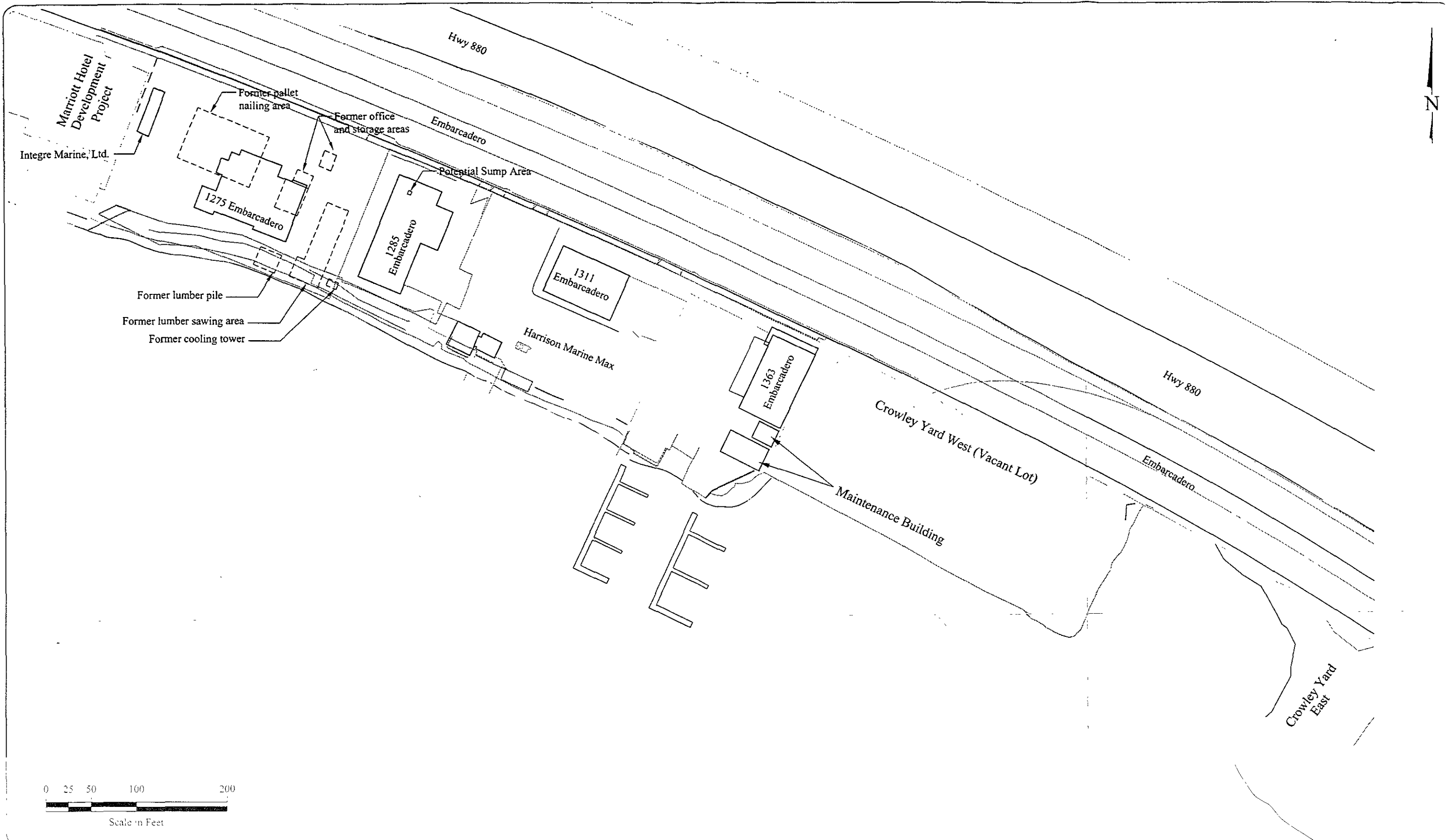
No.	Date	Revision	Approved

HA Henshaw Associates, Inc.
 Environmental Engineering Services
 11875 Dublin Blvd., Suite A-200 - Dublin, California 94568

Date	04.06.01
Designed	OS
Drawn	OS
Checked	SB
DWG. No.	10391.01

SITE VICINITY
 Review of Site Conditions and Environmental Risk Evaluation
 Embarcadero Cove Project, Oakland, California

Figure	1
Project	
112 A 02	



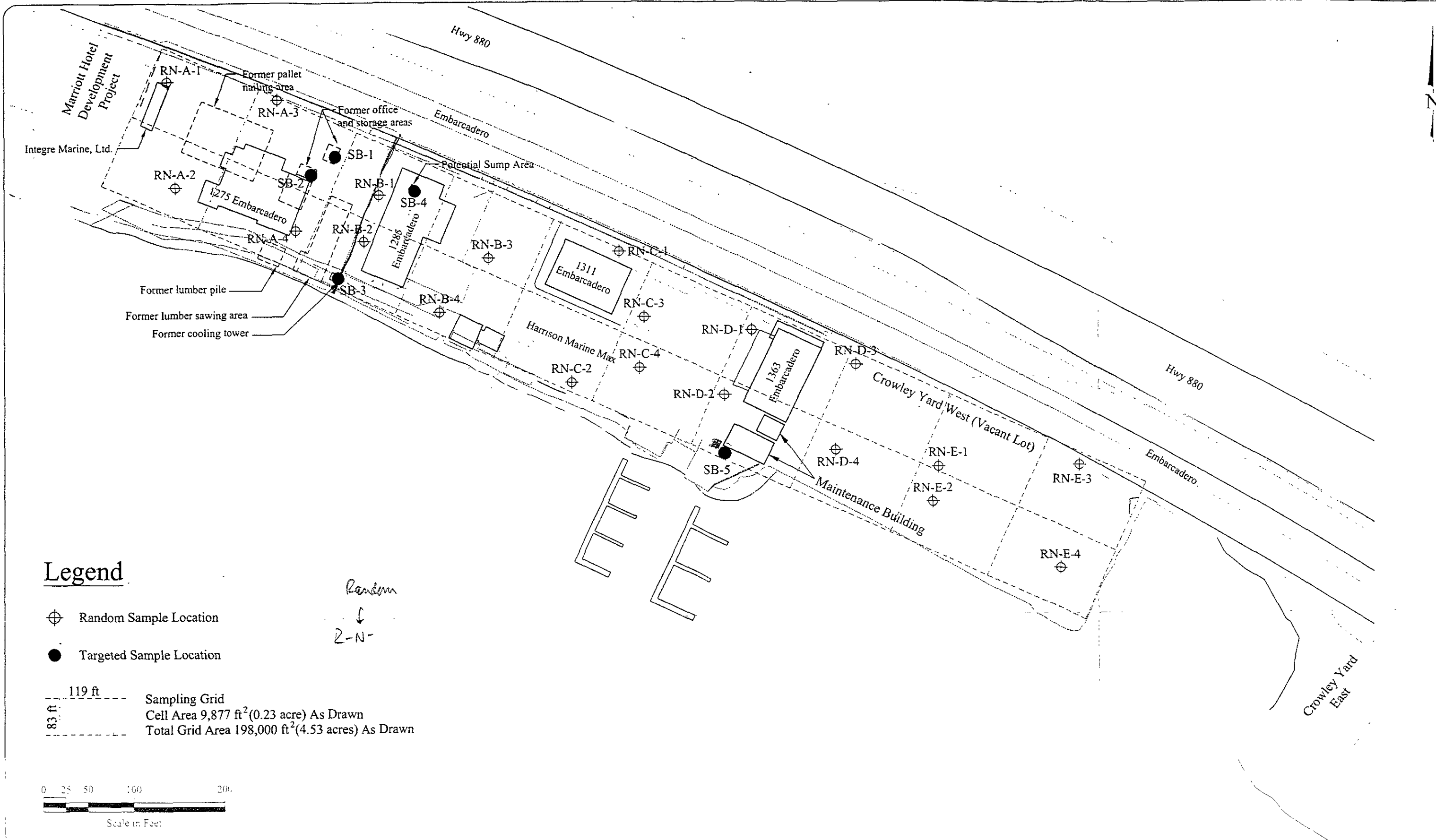
No.	Date	Revised	Approved

HA Henshaw Associates, Inc.
 Environmental Engineering Services
 11875 Dublin Blvd., Suite A-200 • Dublin, California 94568

Date	04/19/07
Designed	OS
Drawn	SD
Checked	SB
DWG. No.	17635-01

SITE LAYOUT
 Sampling and Analysis Plan
 Embarcadero Cove Project, Oakland, California

Figure	2
Project	312 A 02



Legend

- ⊕ Random Sample Location
- Targeted Sample Location

Random
↓
2-N-

119 ft
83 ft
Sampling Grid
Cell Area 9,877 ft² (0.23 acre) As Drawn
Total Grid Area 198,000 ft² (4.53 acres) As Drawn



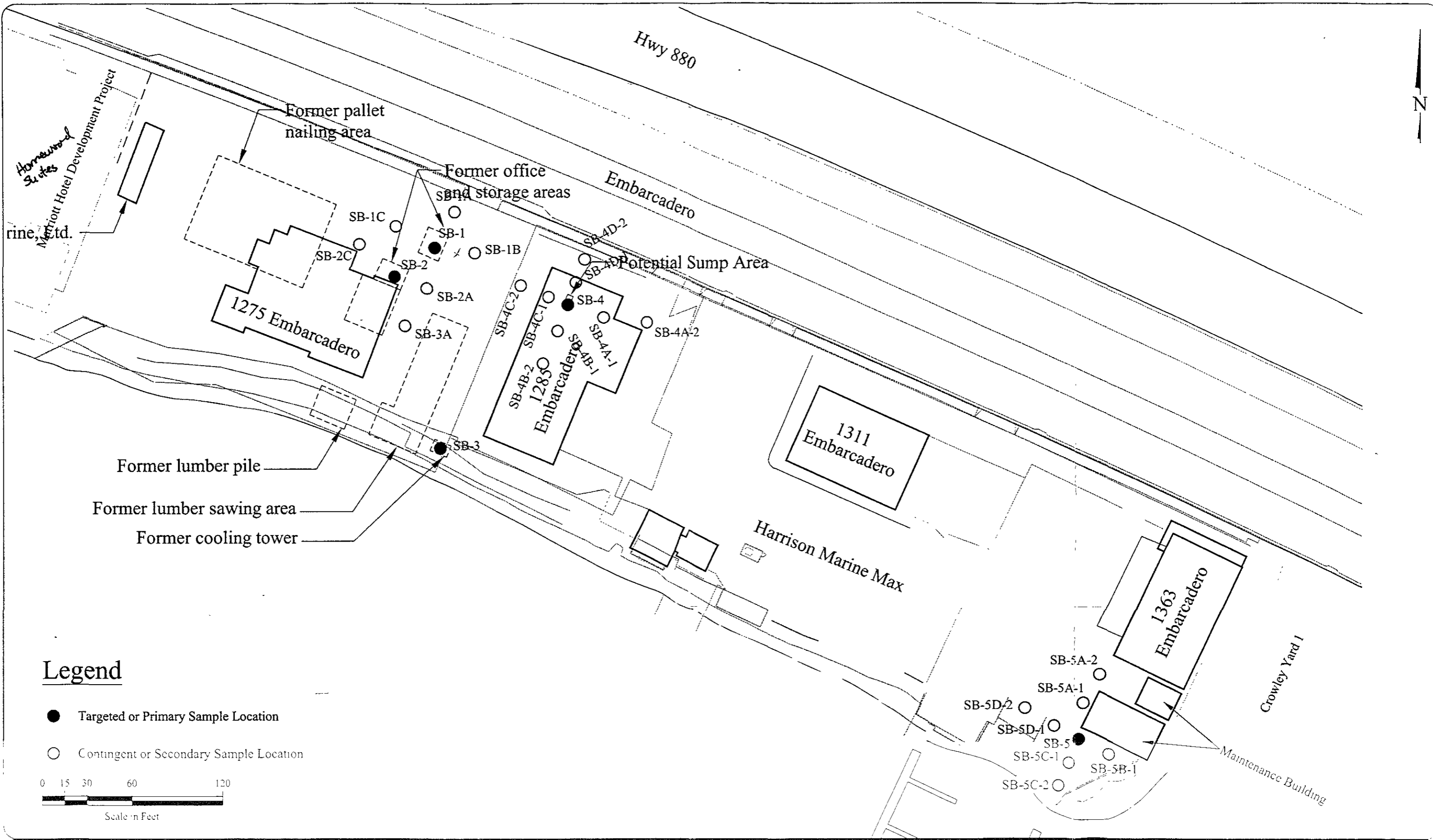
No.	Date	Revised	Approval

HA Henshaw Associates, Inc.
Environmental Engineering Services
11875 Dublin Blvd. Suite A-200 • Dublin, California 94568

Date	04-23-91
Designed	OS
Drawn	OS
Checked	SB
Drawn by	(signature)

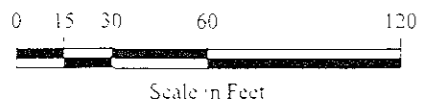
PROPOSED SAMPLING LOCATIONS
Sampling and Analysis Plan
Embarcadero Cove Project, Oakland, California

Figure	3
Project	312 A-02



Legend

- Targeted or Primary Sample Location
- Contingent or Secondary Sample Location



No.	Date	Revision	Approved

HA Henshaw Associates, Inc.
 Environmental Engineering Services
 11875 Dublin Blvd., Suite A-200 • Dublin, California 94568

Date	04/11/01
Designed	OS
Drawn	SD
Checked	SB
DWG No.	17637-01

CONTINGENT SAMPLING LOCATIONS
 Sampling and Analysis Plan
 Embarcadero Cove Project, Oakland, California

Figure	4
Project	312 A 02



Henshaw Associates, Inc.
Environmental Engineering Services

Dublin, California (Headquarters)

11875 Dublin Blvd.
Suite A-200
Dublin, CA 94568

Phone: (925) 551-7272
Fax: (925) 551-7464

Portland, Oregon

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Portland, OR 97209

Phone: (503) 221-0225
Fax: (503) 221-0041

Chicago, Illinois

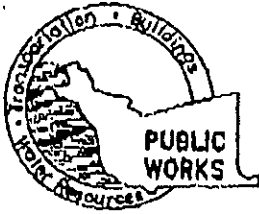
33 North LaSalle, Suite 2119
Chicago, IL 60602

Phone: (312) 641-9916
Fax: (312) 641-9920

Internet

E-mail: Info@HenshawAssoc.com
Web Site: www.HenshawAssoc.com

APPENDIX B:
DRILLING PERMIT



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

399 ELMHURST ST. HAYWARD CA, 94544-1395

PHONE (510) 670-5554 MARLON MAGALLANES/FRANK CODD (510) 670-5783

FAX (510) 742-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT
1275 Embarcadero
Oakland, CA

PERMIT NUMBER W01-246
WELL NUMBER _____
APN _____

CLIENT Name Part of Oakland
Address 590 Water Street Phone 510 272-1100
City Oakland CA Zip 94607

APPLICANT Name BASELINE Environmental
Address 5900 Hills Street Fax 510 420 1707
City Emeryville CA 94608 Phone 510 470-8686 Zip _____

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection General
Water Supply Contamination
Monitoring Well Destruction

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

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other Direct Push

DRILLER'S NAME Precision Sampling

DRILLER'S LICENSE NO. 636387

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum _____ ft.
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Owner's Well Number _____

GEOTECHNICAL PROJECTS Environmental
Number of Borings 20 Maximum _____ ft.
Hole Diameter 4 in. Depth 15 ft.

ESTIMATED STARTING DATE 5-7-01
ESTIMATED COMPLETION DATE 5-8-01

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

APPLICANT'S SIGNATURE William K Scott DATE 4-17-01

PLEASE PRINT NAME William K Scott Rev. 6-5-00

PERMIT CONDITIONS Circled Permit Requirements Apply

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS

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

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL

Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

F. WELL DESTRUCTION

See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

borings will be back-filled with cement grout to surface using Tremie method.

APPROVED [Signature] DATE 4-24-01

APPENDIX C:
BORING LOGS

BASELINE

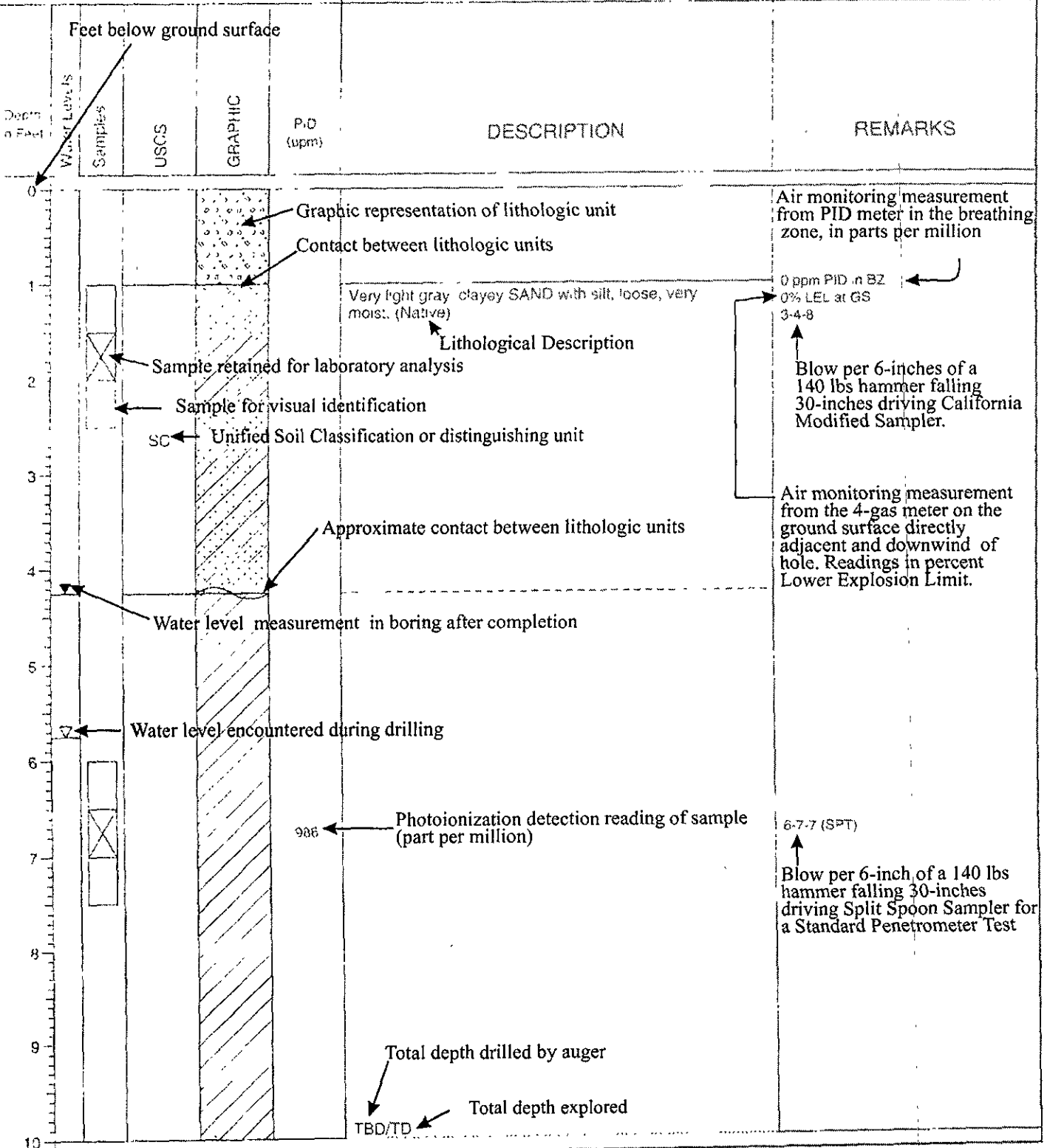
LOG OF BORING B1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location
Driller
Method
Logger
Datum (feet)
Company X
ABC Drilling
Ho'ow Stern
WKS
0 G

Boring no
Project no
Date
Casing size
Bore size
B1
00000
2/18/99
2-inch
7 3/4 inch



10-28-1999 1-CONNECTICUT-BASELINE-LOGS-990308-GENERIC-BOR

BASELINE

DRILL LOG NO.: SB-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: SB-1
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 6/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	
0						Asphalt cover 4 inches	
1		⊗	GW		0.2	Yellowish brown GRAVEL with sand, 1/3- to 3/4-inch diameter subangular clasts, fine grained sand, moist (Baseroack)	
2						Very dark gray to gray SAND, some gravel, fine grained, moist (Fill)	Slight petroleum odor
3		⊗	SP		154	Decrease in gravel, some clay	
4							
5					210	Greenish gray gravelly CLAY, 1/3- to 2-inch diameter angular clasts, high, wet (Bay Mud) Fill	Strong petroleum odor at 4.5; diesel-gas
6			CH				
7							
8					416	Light greenish gray silty CLAY, high plasticity, large lenses sand lenses 8.5 and 9 feet few inches thick, shell fragments (Bay Mud)	Very strong petroleum odor-gas
9			CH				NTU 114 of water sample Product seen on PVC casing when pulled
10						Total depth 10.0 feet	Grouted hole to surface with neat cement

05-16-2001 f:\Baseline\98379-30\SB-1.BOR


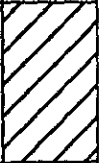
BASELINE

DRILL LOG NO.: SB-1A

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: SB-1A
Driller	: Precision Sampling	Project no	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
DESCRIPTION							
0		⊗			0	Asphalt cover	
0 - 4			SC			Mottled brown-gray clayey SAND with gravel, moist (Fill)	
4 - 5			CH		30	Greenish gray mottled with black silty CLAY, high plasticity, very moist (Bay Mud)	Peat layer at contact 4.0 feet
5 - 8		⊗	SW		652	Light gray silty SAND, fine grained, shell fragments, wet (Native)	Strong petroleum odor
8 - 10					0	Increase in clay content	NTU 239 of water sample
Total depth 10.0 feet							Grouded hole to surface with neat cement

05-22-2001 E:\Baseline\logs\98379-30\SB-1A BOR



BASELINE

DRILL LOG NO.: SB-1B

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: SB-1B
Driller	: Precision Sampling	Project no	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover 4 inches thick	
		GW			Yellowish brown GRAVEL and sand, 1/3- to 1 1/2-inch diameter angular clasts (Baserock)	
1		SP			Mottled gray and olive SAND, trace of gravel and clay, very fine to fine grained, damp (Fill)	
2					Hit concrete at 2.0 feet Total depth 2.0 feet	Refusal at 2.0 feet Grouted hole to surface with neat cement
3						
4						
5						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: SB-1C

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no	: SB-1C
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5.2.01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES

0					Asphalt cover	Refusal at 1 foot bgs on three attempts at 20, 30, 40 feet away from SB-1 Grouted hole to surface with neat cement
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: SB-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: SB-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	
0						Asphalt cover	
0.5			GW			Yellowish brown GRAVEL with sand, 1/3- to 1-inch diameter angular clasts, moist (Baserock)	First attempt hit concrete at 2.0 moved 5.0 feet east
1		⊗	SW		0	Reddish brown SAND with gravel, trace of clay, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to very fine grained, moist (Fill)	
2						Brown SAND, fine grained, rootlets, moist (Fill)	
3			SP			Increase in gravel to sand with gravel, 1/3- to 1 1/2-inch diameter subangular to angular clasts at 3.0 feet	No recovery
4		⊗			0		
5	▼		CH			Greenish gray CLAY, trace of gravel, shell fragments (Bay Mud?) (not in place?)	
6							
7			SW		0.2	Black SAND with trace gravel, 1/3- to 1/2-inch diameter well-rounded clasts, medium to coarse grained (Bay Mud?)	Slight petroleum odor
8			CH			Pale brown silty CLAY, high plasticity, wet (Bay Mud)	
9			SP			Lenses of sand, coarse grained at 8.5-9.25 feet, rounded to well-rounded grains	
9.5			CH				
9.8			SP				
10			CH			Total depth 10.0 feet	NTU 640 of water sample Grouted hole to surface with neat cement

05-22-2001 E:\Baselogs\98379-30\SB-2.BCR

BASELINE

DRILL LOG NO.: SB-2C

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no	: SB-2C
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0	X			0	Light gray SAND, trace of gravel, very fine to fine grained, 1/3- to 1/2-inch diameter subrounded clasts, rootlets, very moist (Fill)	Refusal at 4.0 feet Note: Elevation raised 2.5 feet above surrounding areas, boring in landscape area.
1						
2		SP				
3	X			0		
4						Grouted hole to surface with neat cement
5						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: SB-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location : Embarcadero Cove
Driller : Precision Sampling
Method : Direct push
Logger : WKS
Datum : N/A

Boring no. : SB-3
Project no : 98379-30
Date : 5/1/01
Casing size : 1-inch
Bore size : 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	
0			CL				Brown silty CLAY with sand, medium plasticity, abundant rootlets, dry (Fill)
0.5		⊗	SW/ML		0		Brown silty SAND-sandy SILT, very fine grained concrete grained, dry (Fill)
2			GC				Yellowish brown GRAVEL with silt and sand, up to 2-inch diameter angular to subangular clasts (Fill)
4		⊗	GC/CL		0		Brown mottled with greenish gray clayey GRAVEL-gravelly CLAY, 1/3- to 1 1/2-inch diameter subangular to angular clasts, moderate plasticity, brick pieces, very moist (Fill)
6							Greenish gray to black silty CLAY with gravel, 1/3- to 3/4-inch diameter subangular clasts, moderate to high plasticity, brick pieces (Fill)
8			CL/CH				Abundant plant pieces at 8 feet
10							Total depth 10.0 feet

NTU 240 of water sample
Grouted hole to surface with neat cement

BASELINE

DRILL LOG NO.: SB-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no	: SB-4
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	
0						Concrete slab	
0		⊗	GC		0	Brown clayey GRAVEL with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, moist (Fill)	
0.3		⊗	CH		0.3	Greenish gray silty CLAY, high plasticity, black vegetation pieces at contact, very moist to wet (Bay Mud)	
0.2			SP		0.2	Light gray silty SAND, fine grained, small shell pieces, 1/8-inch diameter, wet (Native)	
0			MH/CH		0	Greenish gray silty CLAY-clayey SILT, high plasticity, scattered shell fragments throughout, some layering, wet (Bay Mud)	
0			MH/CH		0	Pale brown silty CLAY-clayey SILT, high plasticity, scattered shell fragments throughout, some layering, wet	NTU 397 of water sample
						Total depth 10.0 feet	Grouted hole to surface with neat cement

BASELINE

DRILL LOG NO.: SB-5

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: SB-5
Driener	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Hydropunch:	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						<input type="checkbox"/> Water level observed during drilling <input type="checkbox"/> Water level measured	
						DESCRIPTION	
0						Asphalt cover	Collected 0.5-1.0 ???? to BR
0.5		☒	CH/CC		0	Brown gravelly CLAY with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine grained sand, medium plasticity, very moist (Fill)	
1			SC/CL			Tan clayey SAND-sandy CLAY with gravel, fine to medium grained, medium to low plasticity, moist (Fill)	Poor recovery 1-4, 1 foot of recovery
2						Greenish gray silty CLAY-clayey SILT, medium to fine grained, high plasticity, wet (Bay Mud)	
3							Could not collect at 3.0-3.5
4		☒			0		
5			CH/ML				
7						Lenses of fine grained sand 4 inches thick	
8					0	Black vegetation layer (peat?) at 8.0 feet	
9							252 NTU of water sample
10						Total depth 10.0 feet	Grouted hole to surface with neat cement

BASELINE

DRILL LOG NO.: RN-A-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-A-1
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
0 - 1					Yellowish brown GRAVEL with sand, trace of clay, 1/3- to 1-inch diameter angular to subangular clasts, damp (Fill)	
1 - 2	GW			0	Large concrete pieces	
2 - 3					Greenish gray SAND, some clay, fine grained, very moist (Fill)	
3 - 4	SP					
4 - 5				0	Pieces of crushed brick at 5.0 feet	Grouted hole to surface with neat cement
Total depth 5.0 feet						
5						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-A-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-A-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0		SP			Brown SAND, fine grained, rootlets, dry (Fill)	
		SP			Light brown SAND, fine grained, dry (Fill)	
1	⊗	SM			Brown silty SAND, trace of clay, fine grained (Fill)	
2		GC		19.2	Brown clayey GRAVEL, 1/3- to 3/4-inch diameter subangular to angular clasts, high plasticity, very moist (Fill)	
3					Large root at 3.0 to 3.5 feet	
4		CL			Greenish gray and very dark gray silty CLAY, trace of gravel, moderate plasticity, pieces of charcoal, brick, very moist (Fill)	
5	⊗					Grouted hole to surface with neat cement
					Total depth 5.0 feet	
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-A-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-A-3
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Dark brown SAND, trace of silt and clay, fine grained, pieces of ceramic, brick, damp (Fill)	
1	⊗	SP		0	Yellowish brown GRAVEL with sand-SAND with gravel, 1/3- to 1/2-inch diameter subangular to angular clasts, brick and concrete pieces, damp (Fill)	
2						No recovery from 1 to 4 feet
3		GW/SW				
4						
5	⊗			0		Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

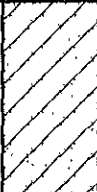
BASELINE

DRILL LOG NO.: RN-A-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no	: RN-A-4
Driller	: Precision Sampling	Project no	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Brown to dark brown SAND, fine grained, rootlets, moist (Fill)	
1	X	SP				No recovery from 1.5 to 2.0 feet
2						
3						
4		SC			Very dark gray to dark gray sandy CLAY with gravel, fine to medium grained, 1/3- to 1 1/2-inch diameter subangular to angular clasts, rootlets, very moist (Fill)	
5	X					Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-B-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-B-1
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
		GW			(Baserock)	
1				0	Brown silty SAND, fine grained, rootlets, dry (Fill)	No recovery from 2.0 to 4.0 feet
2		SM				
3						
4		SW			Dark brown SAND, coarse to medium grained, damp (Fill)	
5		CH		0	Greenish gray silty CLAY, medium to high plasticity, wood pieces, very moist to wet (Fill)	Grouted hole to surface with neat cement
					Total depth 5.0 feet	
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-B-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-B-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 6/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Water Level	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	
0						Asphalt cover	
			GW			(Baserock)	
1		⊗	GC			Yellowish brown clayey GRAVEL with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine grained sand, damp (Fill)	
2			GC			Dark brown clayey GRAVEL with sand, 1/2- to 1 1/2-inch diameter angular to subrounded clasts, fine grained sand, moist (Fill)	
3							
4		⊗	SP			Yellowish brown SAND, fine grained loose sand at 4.0 feet, wet (Fill)	
4.5	▼						Poor recovery from 4.0 to 5.0 feet Grouted hole to surface with neat cement
5						Total depth 5.0 feet	
6							
7							
8							
9							
10							




BASELINE

DRILL LOG NO.: RN-B-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no	: RN-B-3
Driller	: Precision Sampling	Project no	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
		GW			Yellowish brown (Baserock)	
		SP			Dark gray SAND, fine grained, damp (Fill)	
1					Mottled greenish gray and dark brown silty CLAY with gravel and sand, 1/3- to 1 1/2-inch diameter subangular clasts, pieces of wood, brick, very moist (Fill)	No recovery from 1.0 to 4.0 feet on first attempt, moved 2 feet toward Embarcadero
2	X					
3		CH				
4						
5	X					Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-B-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-B-4
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/1/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Water Level	Samples	USCS	GRAPHIC	PID (ppm)	Water Levels	NOTES
						▼ Water level observed during drilling ▽ Water level measured	
						DESCRIPTION	

0			GW/SW		0	Yellowish brown GRAVEL with sand-SAND with gravel, 1/3- to 1 1/2-inch diameter angular to subangular clasts, fine to medium grained sand, damp (Fill)	1 foot of recovery
1			GC			Brown clayey GRAVEL with sand, medium plasticity, 1/3- to 1 1/2-inch diameter subangular clasts, fine grained sand, damp (Fill)	
2							
3							
4	▼		CH		0.1	Dark brown silty CLAY, trace of gravel, 1/3- to 3/4-inch diameter subangular clasts, wood pieces, high plasticity, very moist to wet (Fill)	5 inches of recovery
5							Grouted hole to surface with neat cement

Total depth 5.0 feet

BASELINE

DRILL LOG NO.: RN-C-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location : Embarcadero Cove
Drifter : Precision Sampling
Method : Direct push
Logger : WKS
Datum : N/A

Boring no. : RN-C-1
Project no. : 98379-30
Date : 5/3/01
Casing size : 1-inch
Bore size : 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
					(Baserock)	
1	X				Yellowish brown, gravelly SAND with clay, 1/3- to 2-inch diameter subangular to angular clasts, fine to coarse grained sand, rootlets, moist (Fill)	
2		GW				
3						
4		CH			Pale brown silty CLAY-clayey SILT, high plasticity, very moist to wet (Bay Mud?)	
5	X					Grouted hole to surface with neat cement
					Total depth 5.0 feet	
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-C-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8688 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-C-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-Inch
Datum	: N/A	Bore size	: 4-Inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
0 - 1	X	GW		0	Yellowish brown GRAVEL with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to medium grained sand, dry (Fill)	
1 - 4.5		CH			Brown gravelly CLAY with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to medium grained sand, high plasticity, moist to very moist (Fill)	
4.5 - 5.0	X	CH			Mottled dark gray and black silty CLAY, trace of sand, high plasticity, wet (Bay Mud)	Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

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BASELINE

DRILL LOG NO.: RN-C-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-C-3
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
0 - 1	X	GC/CH		0	Yellowish brown clayey GRAVEL-gravelly CLAY with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to coarse grained sand, high plasticity (Fill)	
1 - 4.5		SM			Gray silty SAND with clay, fine grained, shell fragments, very moist (Fill)	
4.5 - 5.0	X	CH		0	Pale brown silty CLAY, trace of gravel, high plasticity, wet (Bay Mud?)	Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						



BASELINE

DRILL LOG NO.: RN-C-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-C-4
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
0		GW			Yellowish brown GRAVEL with sand, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to medium grained, moist (Fill)	
1	X			0	Dark gray silty CLAY with gravel and sand, high plasticity, brick pieces, very moist (Fill)	
2						
3		CH				
4					Decrease in gravel at 3.5 feet, increase in sand	
5	X			0		Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						






BASELINE

DRILL LOG NO.: RN-D-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-D-
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover (Baserock)	
1	X	GW		0	Yellowish brown GRAVEL with sand and clay, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to medium grained, moist (Fill)	Poor recovery from 1 to 4 feet
2		GW				
3		GW				
4		GW				
5	X	CH		0	Greenish gray mottled with black silty CLAY-clayey SILT, high plasticity (Bay Mud)	Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						


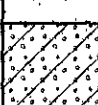



BASELINE

DRILL LOG NO.: RN-D-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-D-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
		GW			(Baserock)	
1	X	GW			Very dark gray GRAVEL with sand, trace of clay, 1/3- to 1 1/2-inch diameter subangular to angular clasts, fine to medium grained, moist (Fill)	
		SP			Bluish gray SAND, fine grained, shell fragments, moist (Fill)	
2		GC			Very dark gray gravelly CLAY, trace of sand, 1/3- to 1 1/2-inch diameter angular clasts, high plasticity, very moist (Fill)	Poor recovery from 1 to 4 feet
3					Dark gray clayey SILT, some sand and gravel, very loose, wood pieces, wet (Fill)	
4		ML				Slight odor, diesel? Grouted hole to surface with neat cement
5	X				Total depth 5.0 feet	
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-D-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-D-3
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES

0					Asphalt cover	
0.5		GW			(Baserock)	
1		GC		73.6	Greenish gray mottled with dark gray gravelly CLAY with sand, 1/3- to 3/4-inch diameter subangular to angular clasts, fine to medium grained, brick pieces, moist (Fill)	Strong diesel odor
2	X					
3						
4						
5	X	CL/CH		0.8	Greenish gray silty CLAY, some sand, trace of gravel, 1/3- to 1/2-inch diameter subrounded to subangular clasts, fine grained sand, medium to high plasticity (Fill)	Grouted hole to surface with neat cement
					Total depth 5.0 feet	
6						
7						
8						
9						
10						


BASELINE

DRILL LOG NO.: RN-D-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-D-4
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
					(Baserock)	
1	X			1.2	Brown GRAVEL with sand, 1/3- to 2-inch diameter subangular to angular clasts, fine to medium grained sand, moist (Fill)	
2						No recovery from 1.5 to 4 feet Large rock at 1.5 feet blocked shoe
3						
4						
5	X					Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-E-1

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-E-1
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Yellowish brown clayey GRAVEL with sand, 1/3- to 2-inch diameter subangular to angular clasts, fine to medium grained sand, pieces of ceramic pipe, damp (Fill)	
1	X			0		
2					Becoming brown	
3		GC				
4						
5	X	SC		0	Black clayey SAND with gravel, 1/3- to 3/4-inch diameter subrounded to subangular clasts, very fine grained, very moist (Fill)	Grouted hole to surface with neat cement
					Total depth 5.0 feet	
6						
7						
8						
9						
10						



BASELINE

DRILL LOG NO.: RN-E-2

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-E-2
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/2/01
Logger	: WKS	Casing size	: 1-Inch
Datum	: N/A	Bore size	: 4-Inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES	
0					Yellowish brown clayey GRAVEL with sand, 1/3- to 2-inch diameter subangular to angular clasts, fine to medium grained sand (Fill)	Used 2-inch split spoon sampler to collect gravel sample	
1							
2	⊗	GC		0			
3							
4		GW			Yellowish brown GRAVEL with clay and sand, 1/3- to 2-inch diameter subangular to angular clasts, fine to medium grained sand (Fill)	Grouted hole to surface with neat cement	
5	⊗						
6	Total depth 5.0 feet						
7							
8							
9							
10							




BASELINE

DRILL LOG NO.: RN-E-3

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location	: Embarcadero Cove	Boring no.	: RN-E-3
Driller	: Precision Sampling	Project no.	: 98379-30
Method	: Direct push	Date	: 5/3/01
Logger	: WKS	Casing size	: 1-inch
Datum	: N/A	Bore size	: 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0	X			0	Yellowish brown clayey GRAVEL with sand, 1/3- to 2-inch diameter subangular to angular clasts, fine to medium grained sand, damp (Fill)	
1		GC				
2					Dark brown gravelly CLAY with sand, 1/3- to 2-inch diameter subangular to subrounded clasts, medium to fine grained sand, high to medium plasticity, moist (Fill)	
3		CH				
4						
5	X	SP		0	Peat layer at contact 1/8 thick	Grouted hole to surface with neat cement
					Bluish gray SAND, fine grained, shell fragments, wet (Bay Mud?)	
					Total depth 5.0 feet	
6						
7						
8						
9						
10						

BASELINE

DRILL LOG NO.: RN-E-4

(Page 1 of 1)

5900 Hollis Street, Suite D
Emeryville, California 94608
(510) 420-8686 voice
(510) 420-1707 fax

Location : Embarcadero Cove
Driller : Precision Sampling
Method : Direct push
Logger : WKS
Datum : N/A

Boring no. : RN-E-4
Project no. : 98379-30
Date : 5/3/01
Casing size : 1-inch
Bore size : 4-inch

Depth in feet	Samples	USCS	GRAPHIC	PID (ppm)	DESCRIPTION	NOTES
0					Asphalt cover	
		GW	⋯⋯⋯⋯		(Baserock)	
1	⊗		▨	0	Dark brown CLAY with sand and gravel, 1/3- to 3/4-inch diameter subangular to subrounded clasts, fine to medium grained sand, high plasticity, very moist (Fill)	
2		CH	▨			
3						
4		CH	▨		Greenish gray silty CLAY with sand, fine grained sand, high plasticity, abundant shell fragments, some peat layers, wet (Bay Mud)	
5	⊗		▨			Grouted hole to surface with neat cement
Total depth 5.0 feet						
6						
7						
8						
9						
10						

05-22-2001 E:\Baseline\98379-30\howater\RN-E-4.BOR

APPENDIX D:
LABORATORY REPORTS



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

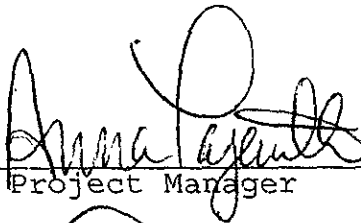
Prepared for:

Baseline Environmental
5900 Hollis St.
Suite D
Emeryville, CA 94608

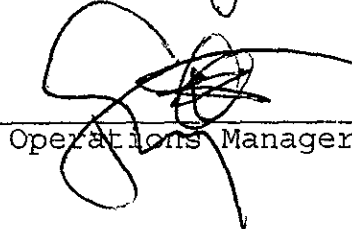
Date: 30-MAY-01
Lab Job Number: 152038
Project ID: N/A
Location: Embarcadero Cove, POO

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by:


Project Manager

Reviewed by:


Operations Manager

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BASELINE

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Emeryville, CA 94608
Tel: (415) 420-8686 Fax: (510) 420-1707

CHAIN OF CUSTODY RECORD

Turn-around Time

Lab

BASELINE Contact Person

Curtis & Tompkins

Yane Nordhav

Project Number 98379-30		Project Name and Location: Embarcadero Cove, Port Of Oakland			Containers					Remarks/ Composite											
Samplers: (Signature) <i>JM Kwan</i>		Date:	Time:	Media	No.	Type	None (Ice)	HCl	NO ₃		SO ₄	Other:									
SB-2	5/1/01	10:25	H ₂ O	2	1L Amber	X						X	X								
SB-2	5/1/01	10:23	H ₂ O	3	40mL VOA		X						X	X							
SB-2	5/1/01	15:00	H ₂ O	2	1L Amber	X							X	X							
SB-1	5/1/01	15:00	H ₂ O	3	4mL VOA		X						X	X							
SB-1	5/2/01	9:09	H ₂ O	2	1L Amber	X							X	X							
SB-1A	5/2/01	9:09	H ₂ O	1	40mL VOA		X						X	X							
SB-1A	5/2/01	9:09	H ₂ O	1	90mL Amber	X							X	X							
SB-1A	5/2/01	13:56	H ₂ O	2	1L Amber	X							X	X							
SB-4	5/2/01	13:56	H ₂ O	2	40mL VOA		X						X	X							
SB-4	5/2/01	13:56	H ₂ O	1	40mL Amber	X							X	X							
SB-4	5/2/01	13:56	H ₂ O	2	1L Amber	X							X	X							
SB-5	5/3/01	11:45	H ₂ O	2	1L Amber	X							X	X							
SB-5	5/3/01	11:45	H ₂ O	3	40mL VOA		X						X	X							
SB-5	5/3/01	11:45	H ₂ O	1	1L Amber	X							X	X							
SB-3	5/3/01	13:15	H ₂ O	1	1L Amber	X							X	X							

4/15/08

SVOCs (9270)
TEPH w/ silica bed cleanup
TPH w/ silica bed cleanup
VOCs (82)
PCBs
Hexavalent *
Chromium



10 Anna - RE: additional analysis request.

Relinquished by: (Signature) <i>JM Kwan</i>	Date/Time 5/3/01 15:45	Received by: (Signature) <i>[Signature]</i>	Date/Time 5/3/01 15:45	Conditions of Samples Upon Arrival at Laboratory: Remarks: * 24 hrs TAT
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	

At: 4860532

BY: PARDELIVE
C & T

Proposed Soil And Groundwater Sampling at
Embarcadero Cove Project
Oakland California

Sampling Objective	Station ID	Sample Interval (feet)	Analysis							Anticipated Depth (feet)			
			VOCs	SVOCs	TEPH and TPH-g w/BTEX	Title 22 Metals	Hexavalent Chromium	Lead	PCBs		Pesticides		
Targeted sampling to investigate potential presence of constituents based on historical site information	SB-1	0-2.0		X	X						10-15		
		grab groundwater									10-15		
	SB-2	0-2.0		X	X						10-15		
		grab groundwater									10-15		
	SB-3	0-2.0					X					10-15	
grab groundwater											10-15		
0-2.0			X	X					X		10-15		
SB-4	0-2.0										10-15		
	grab groundwater										10-15		
SB-5	0-2.0		X	X							2		
	grab groundwater										2		
Random sampling for determining disposal option and risk to construction workers	Comp A	RN-A-1	0-2.0	X		X	X					2	
		RN-A-2	0-2.0	X								2	
		RN-A-3	0-2.0	X								2	
		RN-A-4	0-2.0	X								2	
	Comp B	RN-B-1	0-2.0	X		X	X			X		2	
		RN-B-2	0-2.0	X	X							2	
		RN-B-3	0-2.0	X								2	
		RN-B-4	0-2.0	X								2	
	Comp C	RN-C-1	0-2.0	X		X	X			X		2	
		RN-C-2	0-2.0	X	X							2	
		RN-C-3	0-2.0	X								2	
		RN-C-4	0-2.0	X								2	
	Comp D	RN-D-1	0-2.0	X		X	X			X		2	
		RN-D-2	0-2.0	X	X							2	
		RN-D-3	0-2.0	X								2	
		RN-D-4	0-2.0	X								2	
	Comp E	RN-E-1	0-2.0	X		X	X			X		2	
		RN-E-2	0-2.0	X								2	
		RN-E-4	0-2.0	X								2	
		RN-E-5	0-2.0	X								2	
											2		
Random sampling for determining disposal option and risk to construction workers	Comp P1	RN-A-1	0-2.0									2	
		RN-A-2	0-2.0									2	
		RN-A-3	0-2.0									2	
		RN-A-4	0-2.0									2	
		RN-B-1	0-2.0									2	
		RN-B-2	0-2.0									2	
		RN-B-3	0-2.0									2	
		RN-B-4	0-2.0									2	
	Comp P2	RN-C-1	0-2.0									2	
		RN-C-2	0-2.0									2	
		RN-C-3	0-2.0									2	
		RN-C-4	0-2.0									2	
		RN-D-1	0-2.0									2	
		RN-D-2	0-2.0									2	
		RN-D-3	0-2.0									2	
		RN-D-4	0-2.0									2	
	Comp F	RN-A-1	4.5-5.0		X								5
		RN-A-2	4.5-5.0			X							5
		RN-A-3	4.5-5.0		X								5
		RN-A-4	4.5-5.0										5
RN-B-1		4.5-5.0		X								5	
Comp G	RN-B-2	4.5-5.0			X							5	
	RN-B-3	4.5-5.0		X								5	
	RN-B-4	4.5-5.0										5	
	RN-C-1	4.5-5.0		X								5	
Comp H	RN-C-2	4.5-5.0			X							5	
	RN-C-3	4.5-5.0		X								5	
	RN-C-4	4.5-5.0										5	
	RN-D-1	4.5-5.0		X								5	
Comp I	RN-D-2	4.5-5.0			X							5	
	RN-D-3	4.5-5.0		X								5	
	RN-D-4	4.5-5.0										5	
	RN-E-1	4.5-5.0		X								5	
Comp J	RN-E-2	4.5-5.0			X							5	
	RN-E-3	4.5-5.0		X								5	
	RN-E-5	4.5-5.0										5	

Random depth
0-0.5 / 3.25

5/1/01
SB-1; 0.75-1.25
8:08

SB-1; 3-3.5-8:19
SB-2 1-1.5-9:18
SB-2 4-4.5-9:40

SB-3 0.5-1; 10:10
SB-3 3.5-4; 10:15

RN-A-1; 1.0-1.5-11:05
" " 4.5-5-11:10

RN-A-2; 1.0-1.5; 11:40
RN-A-2; 4.5-5; 11:50

RN-A-1; 1.5-2 12:30
RN-A-1; 4.5-5 12:4

A-3; 0.5-1 13:20
A-3; 4.5-5 13:30
B-1; 1-1.5 13:54
B-1; 4.5-5 14:00

Notes
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
TEPH - Total extractable petroleum hydrocarbons
TPHG w/BTEX - Total petroleum hydrocarbons as gasoline with benzene toluene ethylbenzene and total xylenes
PCBs Polychlorinated biphenols
Comp A - represents the composite samples of RN-A-X samples

Total Extractable Hydrocarbons

Lab #:	152038	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	SB-1A	Batch#:	63666
Matrix:	Water	Sampled:	05/02/01
Units:	ug/L	Received:	05/03/01
Diln Fac:	1.000	Prepared:	05/16/01

Type:	SAMPLE	Analyzed:	05/23/01
Lab ID:	152038-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	800 L Y	50

Surrogate	%REC	Limits
Hexacosane	49	44-121

Type:	BLANK	Analyzed:	05/18/01
Lab ID:	QC145554	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	95	44-121

L= Lighter hydrocarbons contributed to the quantitation
 Y= Sample exhibits fuel pattern which does not resemble standard

ND= Not Detected

RL= Reporting Limit

Chromatogram

Sample Name : 152038-00139, 63666
File Name : G:\GC15\CHBA\1418066.RAW
Method : BTEH141.MTH
Start Time : 0.01 min
Scale Factor : 0.0

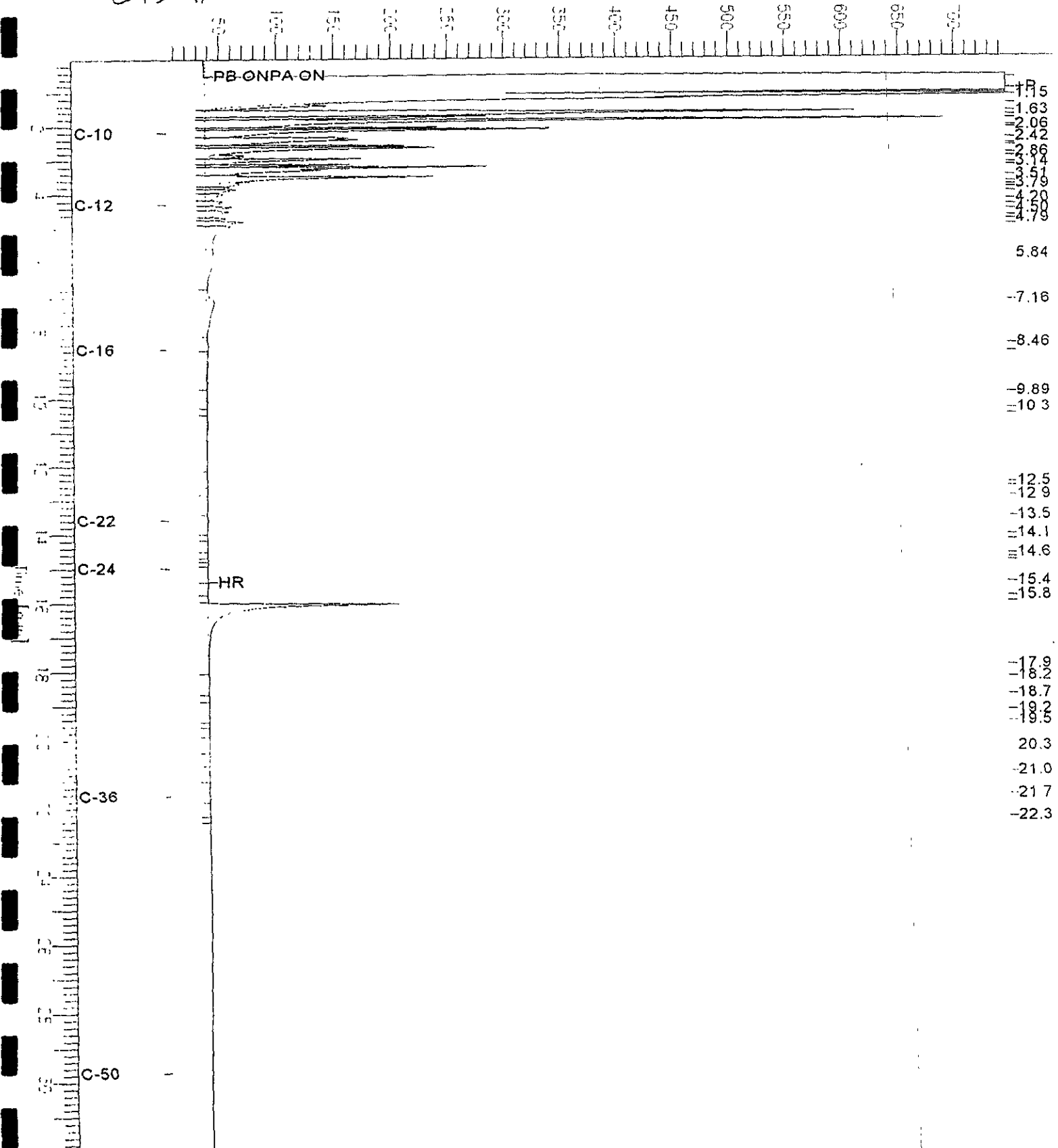
End Time : 31.91 min
Plot Offset : 4 mV

Sample #: 63666
Date : 05/23/2001 09:06 AM
Time of Injection: 05/23/2001 08:23 AM
Low Point : 3.79 mV
High Point : 746.13 mV
Plot Scale: 742.3 mV

Page 1 of 1

SB-1A

Response [mV]



Chromatogram

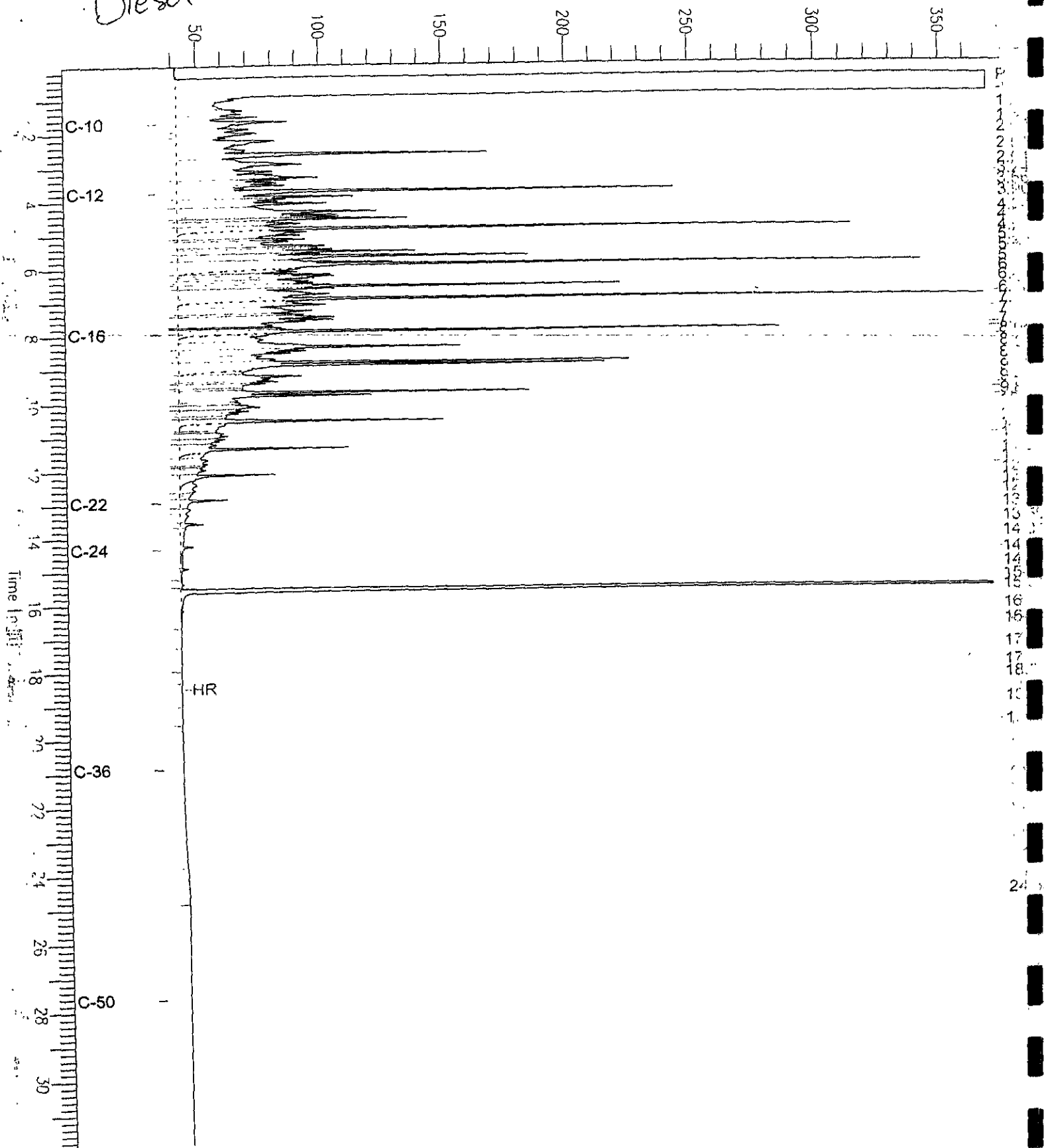
Sample Name : ccv_01ws0904_dsl
File Name : G:\GC11\CHA\138A002.RAW
Method : ATEH135.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 31.91 min
Plot Offset : 35 mV

Sample #: 500mg/l
Date : 5/18/01 12:14 PM
Time of Injection: 5/18/01 11:26 AM
Low Point : 34.79 mV
Plot Scale : 334.7 mV
High Point : 369.48 mV

Diesel

Response [mV]



Total Extractable Hydrocarbons

Lab #:	152038	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	63666
Units:	ug/L	Prepared:	05/16/01
Diln Fac:	1.000	Analyzed:	05/19/01

Type: BS Cleanup Method: EPA 3630C
 Lab ID: QC145555

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,339	1,985	85	45-110
Surrogate	%REC	Limits		
Hexacosane	100	44-121		

Type: BSD Cleanup Method: EPA 3630C
 Lab ID: QC145556

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,339	1,859	79	45-110	7	22
Surrogate	%REC	Limits				
Hexacosane	97	44-121				



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A N A L Y T I C A L R E P O R T

Prepared for:

Baseline Environmental
5900 Hollis St.
Suite D
Emeryville, CA 94608

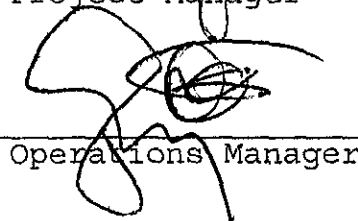
Date: 30-MAY-01
Lab Job Number: 151795
Project ID: N/A
Location: Embarcadero Cove, POO

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by:


Project Manager

Reviewed by:


Operations Manager

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Laboratory Number: 151795
Client: Baseline Environmental
Location: Embarcadero Cove, POO
Project#: 98379-30

Receipt Date: 05/3/01

CASE NARRATIVE

This hardcopy data package contains sample and QC results for six waters, forty discreet soils, and ten composite samples that were received on May 3rd, 2001. The samples were received cold and intact. The samples were composited as requested on the chain-of-custody.

Total Volatile Hydrocarbons: No analytical problems were encountered.

Total Extractable Hydrocarbons: All samples were silica gel cleaned prior to analysis. Low recovery was observed in the matrix spike (QC144893) of batch number 63486. The matrix spike duplicate (QC144894), for this same batch, was inadvertently spilled during the extraction process and therefore not analyzed. The associated laboratory control sample (QC144893) meets acceptance criteria. No other analytical problems were encountered.

Volatile Organics: No analytical problems were encountered.

Semivolatile Organics: Many samples were analyzed at dilutions due to the very dark and viscous nature of the extracts. Samples COMP F and SB-1A; 0-0.5 (CT 151795-038 and -064) were analyzed at dilutions, causing their surrogates to be diluted out. No other analytical problems were encountered.

Organochlorine Pesticides: Due to high levels of non-target compounds present, both samples were analyzed at dilutions. These dilutions caused the surrogates to be diluted out.

All continuing calibration verifications met the average %D limit of 15% as is required by Method 8081A. Those individual compounds exceeding 15%D are flagged, as is also required by the method. No other analytical problems were encountered.

Polychlorinated Biphenyls: Decachlorobiphenyl surrogate recoveries were outside of acceptance limits in the initial calibration verification standard. The TCMX surrogates are within acceptance limits. Per EPA Method 8082, only one of two surrogates is required to meet acceptance criteria.



Many samples were analyzed at dilutions, due to the high levels of non-target compounds present. These dilutions caused the surrogates to be diluted out. No other analytical problems were encountered

Metals: The copper recoveries for the matrix spike and matrix spike duplicate (QC144752/144753) of batch number 63449 are outside of acceptance limits. Because the concentrations observed in the matrix spike sample are ten times greater than the spike amounts, this outlier is considered "Not Meaningful".

Low antimony recoveries were observed in the matrix spike and matrix spike duplicate of batch 63449.

The associated blank spike and blank spike duplicate (QC144750/144751) are within acceptance limits. No other analytical problems were encountered.

Hexavalent Chromium: Low recovery was observed in the matrix spike (QC145061) of soil batch 63536. The associated laboratory control sample and sample duplicate meet acceptance criteria. No other analytical problems were encountered.

BASELINE E

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Tel: (510) 420-8686 Fax: (510) 420-1707

CHAIN OF CUSTODY RECORD

Turn-around Time

Lab
BASELINE Contact Person

Curtis & Tompkins

Yane Nordhav

Project Number 98379-30		Project Name and Location: Embarcadero Cove, Port Of Oakland				Containers										Remarks/ Composite			
Samplers: (Signature) <i>AM Name / William K. Smith</i>					No.	Type	None (Ice)	HCl	NO ₃	SO ₄	Other:	SVOCS (8270)	TEPH w/ silica bed & cleanup	TPH gas & BTEX	VOCs (82)		PCBs	Hexavalent * Chromium	
Sample ID No. Station	Date:	Time:	Media	Preservative															
SB-2	5/1/01	10:25	H ₂ O	2	1L Amber	X						X	X						SB-2 1 VOA w/ headspace
SB-2	5/1/01	10:25	H ₂ O	3	40ml VOA		X					X	X						
SB-1	5/1/01	15:00	H ₂ O	2	1L Amber	X						X	X						SB-1 2 VOAs w/ headspace
SB-1	5/1/01	15:00	H ₂ O	3	40ml VOA		X					X	X						
SB-1 A	5/2/01	9:09	H ₂ O	2	1L Amber	X						X	X						Distill Percs. VOA for SB-1A
SB-1 A	5/2/01	9:09	H ₂ O	1	40ml VOA		X					X	X						
SB-1 A	5/2/01	9:09	H ₂ O	1	40ml Amber	X						X	X						
SB-4	5/2/01	13:56	H ₂ O	2	1L Amber	X						X	X						
SB-4	5/2/01	13:56	H ₂ O	2	40ml VOA		X					X	X						
SB-4	5/2/01	13:56	H ₂ O	1	40ml Amber	X						X	X						
SB-5	5/3/01	11:45	H ₂ O	2	1L Amber	X						X	X						
SB-5	5/3/01	11:45	H ₂ O	3	40ml VOA		X					X	X						
SB-3	5/3/01	13:15	H ₂ O	1	1L Poly	X													

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8015H

BASELINE

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Tel: (510) 420-8686 Fax: (510) 420-1707

151795

CHAIN OF CUSTODY RECORD

Turn-around Time

Lab

BASELINE Contact Person

Standard
CPT
Yane Northman

Project No. 98379-30		Project Name and Location: Embarcadero Love																						
Samplers: (Signature) <i>J.M. Kane / William K. Deeth</i>					Containers																			
Sample ID No. Station	Date:	Time:	Media	No.	Type	Preservative					None (Ice)	HCl	NO ₃	SO ₄	Other:	VOLs (8260)*	SVOLs (8270)	Lead*	PCBs (8080)	TEPH w/ Silica Gel	TPH g w/ BTEX	Titled 22 Metals	Pesticides	Remarks/ Composite
RN-C3; 1-1.5 -14-12	5/3/01	12:52	S	1	SS	X									X	X	X	X	X	X	X	X	Composite also w/ RN-C1	
RN-C4; 1-1.5 -15-13	5/3/01	11:27	S	1	SS	X									X	X	X	X	X	X	X	X	RN-C2 for the analysis of	
RN-D1; 0.5-1 -18-17	5/3/01	9:59	S	1	SS	X									X	X	X	X	X	X	X	X	TEPH SVOCs	
RN-D2; 1-1.5 -17-14	5/3/01	10:50	S	1	SS	Y									X	X	X	X	X	X	X	X	TPH g + BTEX	
RN-D3; 1.5-2 -21-19	5/2/01	15:00	S	1	SS	X									X	X	X	X	X	X	X	X	TPH 22 metals PCBS	
RN-D4; 0.5-1 -21-20		15:32	S	1	SS	X									X	X	X	X	X	X	X	X		
RN-E1; 0.5-1 -22-22		15:52	S	1	SS	X									X	X	X	X	X	X	X	X		
RN-E2; 1.5-2 -24-23		16:30	S	1	SS	X									X	X	X	X	X	X	X	X		
RN-E3; 0-0.5 -24-24	5/3/01	8:00	S	1	SS	X									X	X	X	X	X	X	X	X		
RN-E4; 0.5-1 -25-25	5/3/01	8:22	S	1	SS	X									X	X	X	X	X	X	X	X		

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Comp C
Comp D
Comp E

Relinquished by: (Signature) <i>J.M. Kane</i>	Date/Time 5/3/01 15:45	Received by: (Signature) <i>Anna Puzant</i>	Date/Time 5/3/01 15:45	Conditions of Samples Upon Arrival at Laboratory:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Remarks: * Analyze Discretely
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	

BASELINE E

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Emeryville, CA 94608
Tel: (510) 420-8686 Fax: (510) 420-1707

CHAIN OF CUSTODY RECORD

Turn-around Time
Lab
BASELINE Contact Person

Normal
CBT
Yane Nordhaw

Project No.		Project Name and Location:											Remarks/Composite																										
9837A-30		Embarcadero Cove, Port of Oakland																																					
Samplers: (Signature)					Containers																																		
<i>J.M. Howe / William K. Smith</i>																																							
Sample ID No. Station	Date:	Time:	Media	No.	Type	Preservative					Other:																												
						None (Ice)	HCl	NO ₃	SO ₄																														
-29 RN-A1; 4.5-5	5/1/01	12:40	S	1	SS	X																																	
-30 RN-A2; 4.5-5		11:50																																					
-31 RN-A3; 4.5-5		13:30																																					
-32 RN-A4; 4.5-5		11:10																																					
-34 RN-B1; 4.5-5		14:00																																					
-35 RN-B2; 4.25-4.75		14:10																																					
-36 RN-B3; 4.5-5		15:45																																					
-37 RN-B4; 4-4.5		15:08																																					
-39 RN-C1; 4.5-5	5/1/01	10:26																																					
-40 RN-C2; 4.5-5	5/3/01	11:55																																					
-41 RN-C3; 4.5-5	5/3/01	12:57																																					
-42 RN-C4; 4.5-5	5/3/01	11:33																																					
-44 RN-D1; 4.5-5	5/3/01	10:04																																					
-45 RN-D2; 4.5-5	5/3/01	10:55																																					
-46 RN-D3; 4.5-5	5/2/01	15:10																																					
-47 RN-D4; 4.5-5	5/2/01	15:40																																					
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Conditions of Samples Upon Arrival at Laboratory:																															
<i>J.M. Howe</i>		5/3/01 15:45		<i>Alan E. [Signature]</i>		5/3/01 15:45																																	
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Remarks:																															
								* Analyze Discretely																															
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time																																	

BASELINE

5900 Hollis Street, Suite D
Emeryville, CA 94608
Tel: (510) 420-8686 Fax: (510) 420-1707

CHAIN OF CUSTODY RECORD

Turn-around Time
Lab
BASELINE Contact Person

Normal
Curtis & Tompkins
Yane Nordhav

Project Number		Project Name and Location:										Containers	VOCs	SVOCs (8270)	TEPH w/ Silica Gel Cleanup	TPH-g w/ BTEX	Hexavalent Chromium	PCBs	Remarks/ Composite
98379-30		Embarcadero Cove, Port Of Oakland																	
Samplers: (Signature)		Containers																	
Sample ID No. Station	Date:	Time:	Media	No.	Type	None (Ice)	HCl	NO ₃	SO ₄	Other:									
SB-1; 0.75-1.25	5/1/01	8:08	S	1	SS	X						X	X	X					
SB-1; 3-3.5		8:19										X	X	X					
SB-2; 1-1.5		9:18										X	X	X					
SB-2; 4-4.5		9:40										X	X	X					
SB-3; 0.5-1		10:10										X							
SB-3; 3.5-4		10:15										X							
SB-4; 1-1.5	5/2/01	13:00										X	X						
SB-4; 4.5-5	5/2/01	13:10										X	X						
SB-5; 0.5-1.0	5/3/01	9:23										X	X						
SB-5; 4-4.5	5/3/01	9:35										X	X						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Conditions of Samples Upon Arrival at Laboratory:
<i>JM Kane</i>	5/3/01 15:45	<i>ACE</i>	5/3/01	1545
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Remarks:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Water	Received:	05/03/01
Units:	ug/L		

Field ID:	SB-2	Batch#:	63426
Type:	SAMPLE	Sampled:	05/01/01
Lab ID:	151795-069	Analyzed:	05/05/01
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	59-135
Bromofluorobenzene (FID)	88	60-140

Field ID:	SB-1	Batch#:	63452
Type:	SAMPLE	Sampled:	05/01/01
Lab ID:	151795-070	Analyzed:	05/06/01
Diln Fac:	100.0		

Analyte	Result	RL
Gasoline C7-C12	80,000	5,000

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	59-135
Bromofluorobenzene (FID)	104	60-140

Field ID:	SB-1A	Batch#:	63452
Type:	SAMPLE	Sampled:	05/02/01
Lab ID:	151795-071	Analyzed:	05/06/01
Diln Fac:	10.00		

Analyte	Result	RL
Gasoline C7-C12	25,000	500

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	59-135
Bromofluorobenzene (FID)	111	60-140

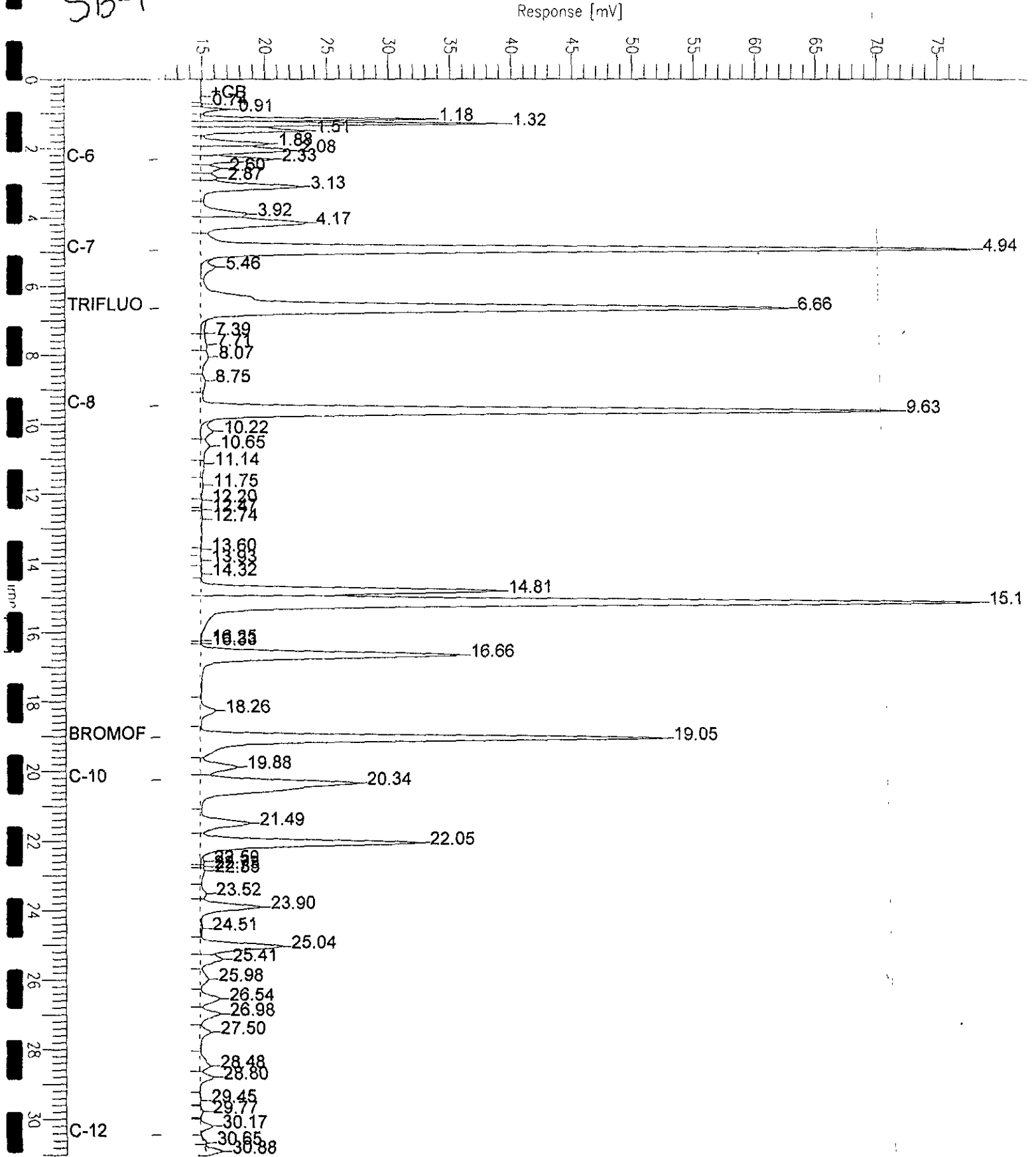
Chromatogram

Sample Name : 151795-070,63452
File Name : G:\GC05\DATA\125G028.raw
Method : TVHBTXE
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 31.00 min
Plot Offset : 11 mV

Sample #: B1
Date : 5/6/01 08:56 AM
Time of Injection: 5/6/01 08:24 AM
Low Point : 11.44 mV
High Point : 78.35 mV
Plot Scale: 66.9 mV

SB-1



Chromatogram

Sample Name : 151795-071,63452

FileName : G:\GC05\DATA\125G023.raw

Method : TVHBTXE

Start Time : 0.00 min

Scale Factor : 1.0

End Time : 31.00 min

Plot Offset : 9 mV

Sample #: B7

Date : 5/8/01 10:17 AM

Time of Injection: 5/6/01 04:48 AM

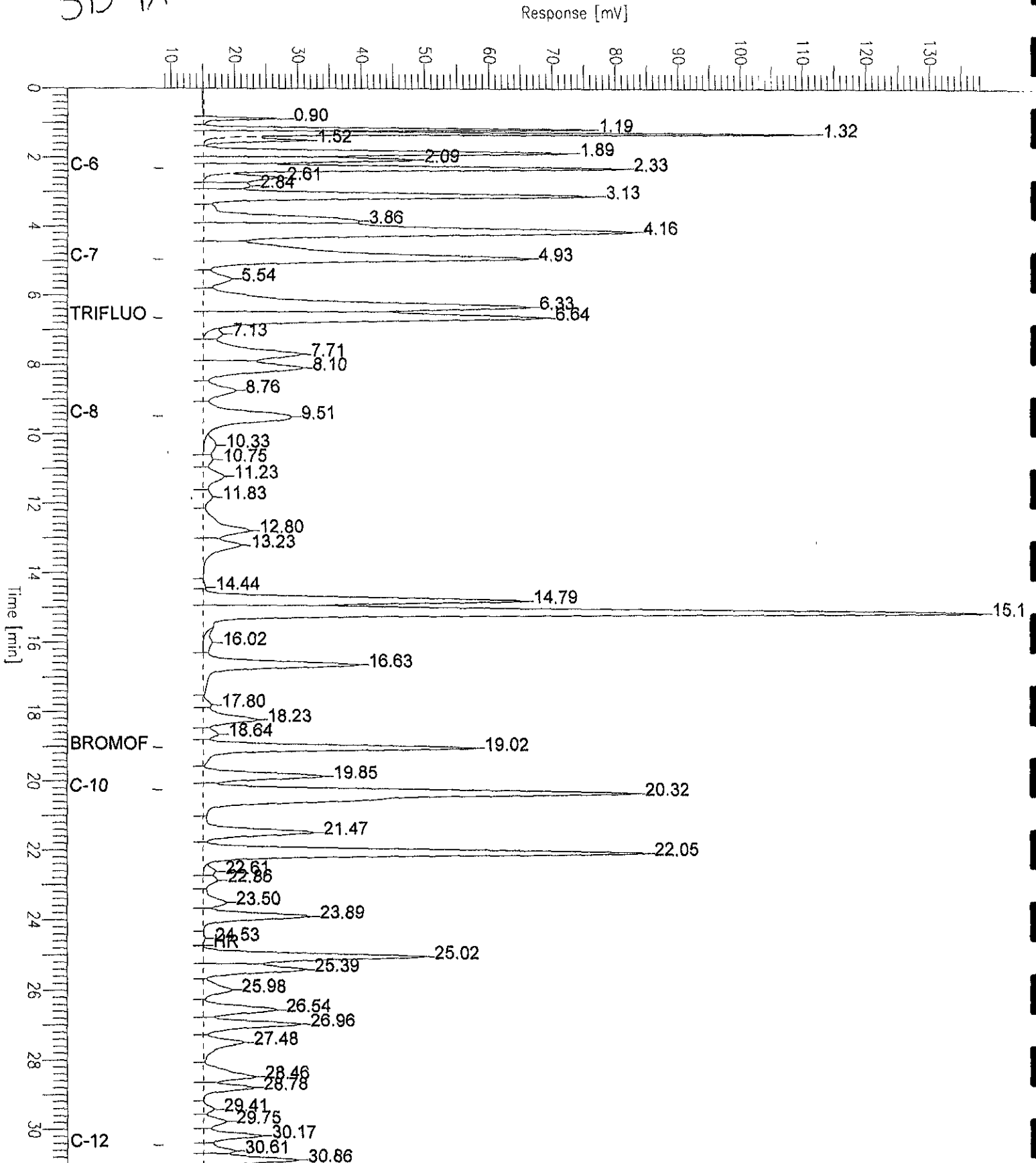
Low Point : 8.77 mV

Plot Scale: 129.7 mV

Page 1 of 1

High Point : 138.45 mV

SB-1A

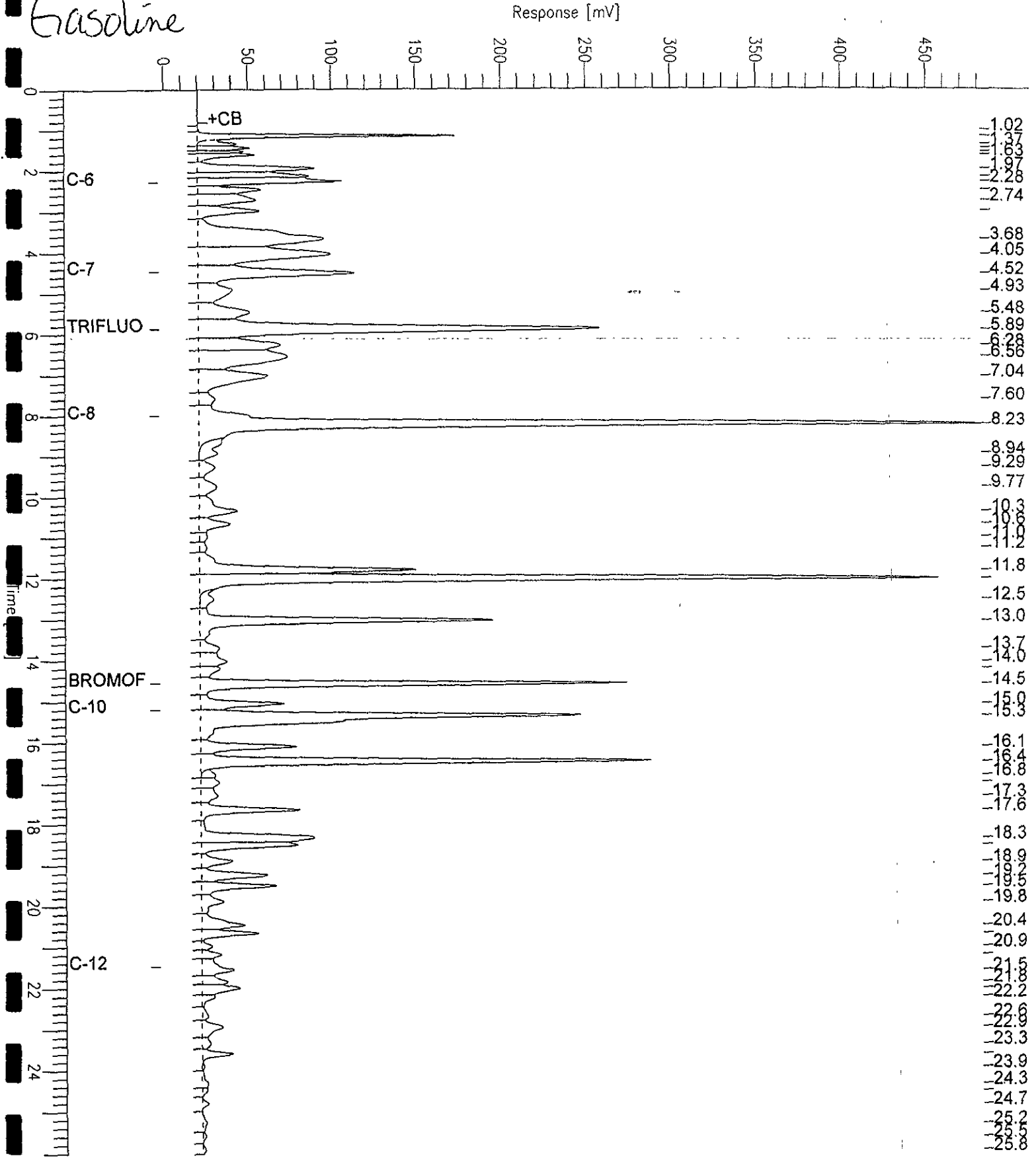


GC07 TVH 'A' Data File RTX 502

Sample Name : CCV/LCS, QC144680, 63426, 01WS1024, 5/5000
 File Name : G:\GC07\DATA\124A003.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor : 1.0

Sample # :
 Date : 5/4/01 07:18 PM
 Time of Injection : 5/4/01 06:52 PM
 Low Point : -2.80 mV
 Plot Scale : 484.6 mV
 End Time : 26.00 min
 Plot Offset : -3 mV
 High Point : 481.81 mV

Gasoline



**Benzene, Toluene, Ethylbenzene, Xylenes**

Lab #:	151795	Location:	Embarcadero Cove, P00
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Matrix:	Water	Received:	05/03/01
Units:	ug/L		

Field ID:	SB-2	Batch#:	63426
Type:	SAMPLE	Sampled:	05/01/01
Lab ID:	151795-069	Analyzed:	05/05/01
Diln Fac:	1.000		

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	84	56-142
Bromofluorobenzene (PID)	85	55-149

Field ID:	SB-1	Batch#:	63452
Type:	SAMPLE	Sampled:	05/01/01
Lab ID:	151795-070	Analyzed:	05/06/01
Diln Fac:	100.0		

Analyte	Result	RL
Benzene	8,600	50
Toluene	8,200	50
Ethylbenzene	3,900	50
m,p-Xylenes	11,000	50
o-Xylene	3,600	50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	87	56-142
Bromofluorobenzene (PID)	85	55-149

Field ID:	SB-1A	Batch#:	63452
Type:	SAMPLE	Sampled:	05/02/01
Lab ID:	151795-071	Analyzed:	05/06/01
Diln Fac:	10.00		

Analyte	Result	RL
Benzene	260	5.0
Toluene	170	5.0
Ethylbenzene	760	5.0
m,p-Xylenes	1,900	5.0
o-Xylene	390	5.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	93	56-142
Bromofluorobenzene (PID)	89	55-149



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Water	Received:	05/03/01
Units:	ug/L		

Type:	BLANK	Batch#:	63426
Lab ID:	QC144679	Analyzed:	05/04/01
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	59-135
Bromofluorobenzene (FID)	83	60-140

Type:	BLANK	Batch#:	63452
Lab ID:	QC144763	Analyzed:	05/05/01
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	59-135
Bromofluorobenzene (FID)	105	60-140



Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Matrix:	Water	Received:	05/03/01
Units:	ug/L		

Type:	BLANK	Batch#:	63426
Lab ID:	QC144679	Analyzed:	05/04/01
Diln Fac:	1.000		

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	82	56-142
Bromofluorobenzene (PID)	80	55-149

Type:	BLANK	Batch#:	63452
Lab ID:	QC144763	Analyzed:	05/05/01
Diln Fac:	1.000		

Analyte	Result	RL
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	84	56-142
Bromofluorobenzene (PID)	85	55-149



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144680	Batch#:	63426
Matrix:	Water	Analyzed:	05/04/01
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,866	93	73-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	59-135
Bromofluorobenzene (FID)	81	60-140



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144764	Batch#:	63452
Matrix:	Water	Analyzed:	05/05/01
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,028	101	73-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	119	59-135
Bromofluorobenzene (FID)	112	60-140



Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144683	Batch#:	63426
Matrix:	Water	Analyzed:	05/04/01
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	19.14	96	67-117
Toluene	20.00	20.49	102	69-117
Ethylbenzene	20.00	17.59	88	68-124
m,p-Xylenes	40.00	38.10	95	70-125
o-Xylene	20.00	18.69	93	65-129

Surrogate	%REC	Limits
Trifluorotoluene (PID)	83	56-142
Bromofluorobenzene (PID)	82	55-149

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	63452
Units:	ug/L	Analyzed:	05/06/01
Diln Fac:	1.000		

Type: BS Lab ID: QC144767

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	21.13	106	67-117
Toluene	20.00	20.18	101	69-117
Ethylbenzene	20.00	20.94	105	68-124
m,p-Xylenes	40.00	43.38	108	70-125
o-Xylene	20.00	22.21	111	65-129

Surrogate	%REC	Limits
Trifluorotoluene (PID)	80	56-142
Bromofluorobenzene (PID)	84	55-149

Type: BSD Lab ID: QC144768

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	20.92	105	67-117	1	20
Toluene	20.00	20.57	103	69-117	2	20
Ethylbenzene	20.00	20.93	105	68-124	0	20
m,p-Xylenes	40.00	42.91	107	70-125	1	20
o-Xylene	20.00	22.49	112	65-129	1	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	81	56-142
Bromofluorobenzene (PID)	85	55-149

Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	ZZZZZZZZZZ	Batch#:	63426
MS Lab ID:	151768-001	Sampled:	05/02/01
Matrix:	Water	Received:	05/02/01
Units:	ug/L	Analyzed:	05/05/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144681

Analyte	MS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	23.45	2,000	1,853	91	65-131
Surrogate	%REC	Limits			
Trifluorotoluene (FID)	106	59-135			
Bromofluorobenzene (FID)	88	60-140			

Type: MSD Lab ID: QC144682

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,867	92	65-131	1	20
Surrogate	%REC	Limits				
Trifluorotoluene (FID)	106	59-135				
Bromofluorobenzene (FID)	88	60-140				

Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	ZZZZZZZZZZ	Batch#:	63452
MSS Lab ID:	151817-009	Sampled:	05/04/01
Matrix:	Water	Received:	05/04/01
Units:	ug/L	Analyzed:	05/05/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144765

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<24.00	2,000	2,000	100	65-131

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	59-135
Bromofluorobenzene (FID)	112	60-140

Type: MSD Lab ID: QC144766

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,887	94	65-131	6	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	59-135
Bromofluorobenzene (FID)	111	60-140



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Basis:	wet	Received:	05/03/01

Field ID:	COMP A	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-006	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	62-138
Bromofluorobenzene (FID)	103	46-150

Field ID:	COMP B	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-011	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	62-138
Bromofluorobenzene (FID)	101	46-150

Field ID:	COMP C	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-016	Sampled:	05/03/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	0.94
Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	62-138
Bromofluorobenzene (FID)	101	46-150

H= Heavier hydrocarbons contributed to the quantitation
 Y= Sample exhibits fuel pattern which does not resemble standard
 D= Not Detected
 L= Reporting Limit



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, P00
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Basis:	wet	Received:	05/03/01

Field ID:	COMP D	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-022	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	19 H Y	0.98

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	62-138
Bromofluorobenzene (FID)	124	46-150

Field ID:	COMP E	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-027	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	62-138
Bromofluorobenzene (FID)	102	46-150

Field ID:	SB-1;0.75-1.25	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-054	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	62-138
Bromofluorobenzene (FID)	100	46-150

H= Heavier hydrocarbons contributed to the quantitation
 Y= Sample exhibits fuel pattern which does not resemble standard

ND= Not Detected
 RL= Reporting Limit

Chromatogram

Sample Name : 151795-022,63476

Sample #: A

Page 1 of 1

File Name : G:\GC05\DATA\127G009.raw

Date : 5/8/01 04:02 PM

Method : TVHBTXE

Time of Injection: 5/7/01 11:56 PM

Start Time : 0.00 min End Time : 31.00 min

Low Point : 9.33 mV

High Point : 93.68 mV

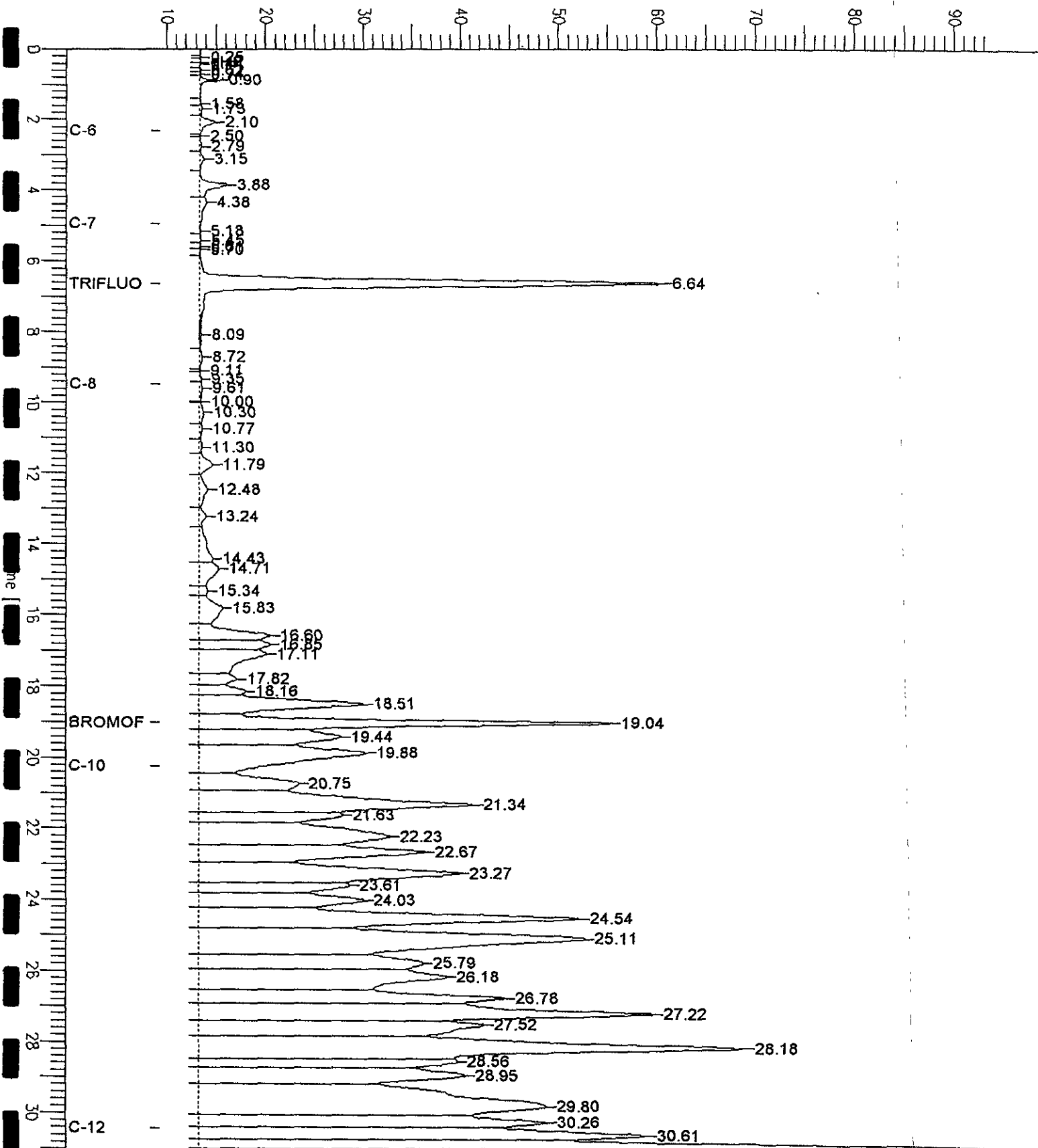
Scale Factor: 1.0

Plot Offset: 9 mV

Plot Scale: 84.3 mV

COMP D

Response [mV]





Gasoline by GC/FID CA LUFT			
Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Basis:	wet	Received:	05/03/01

Field ID: SB-1;3-3.5 Diln Fac: 1.000
 Type: SAMPLE Batch#: 63476
 Lab ID: 151795-055 Sampled: 05/01/01
 Matrix: Soil Analyzed: 05/08/01
 Units: mg/Kg

Analyte	Result	RL
Gasoline C7-C12	ND	1.0
Surrogate	%REC	Limits
Trifluorotoluene (FID)	109	62-138
Bromofluorobenzene (FID)	102	46-150

Field ID: SB-2;1-1.5 Diln Fac: 1.000
 Type: SAMPLE Batch#: 63476
 Lab ID: 151795-056 Sampled: 05/01/01
 Matrix: Soil Analyzed: 05/08/01
 Units: mg/Kg

Analyte	Result	RL
Gasoline C7-C12	ND	0.98
Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	62-138
Bromofluorobenzene (FID)	100	46-150

Field ID: SB-2;4-4.5 Diln Fac: 1.000
 Type: SAMPLE Batch#: 63476
 Lab ID: 151795-057 Sampled: 05/01/01
 Matrix: Soil Analyzed: 05/08/01
 Units: mg/Kg

Analyte	Result	RL
Gasoline C7-C12	ND	1.1
Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	62-138
Bromofluorobenzene (FID)	97	46-150

Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Basis:	wet	Received:	05/03/01

Field ID:	SB-1A;-0-0.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-064	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	62-138
Bromofluorobenzene (FID)	99	46-150

Field ID:	SB-1A;5-5.5	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	63509
Lab ID:	151795-065	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/09/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	500	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	62-138
Bromofluorobenzene (FID)	114	46-150

Field ID:	SB-2C;0-0.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-066	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	0.96

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	62-138
Bromofluorobenzene (FID)	104	46-150

Chromatogram

Sample Name : 151795-065,63509

FileName : G:\GC05\DATA\128G019.raw

Method : TVHBTXE

Start Time : 0.00 min

Scale Factor : 1.0

End Time : 31.00 min

Plot Offset : 7 mV

Sample #: A

Date : 5/9/01 11:03 AM

Time of Injection: 5/9/01 05:01 AM

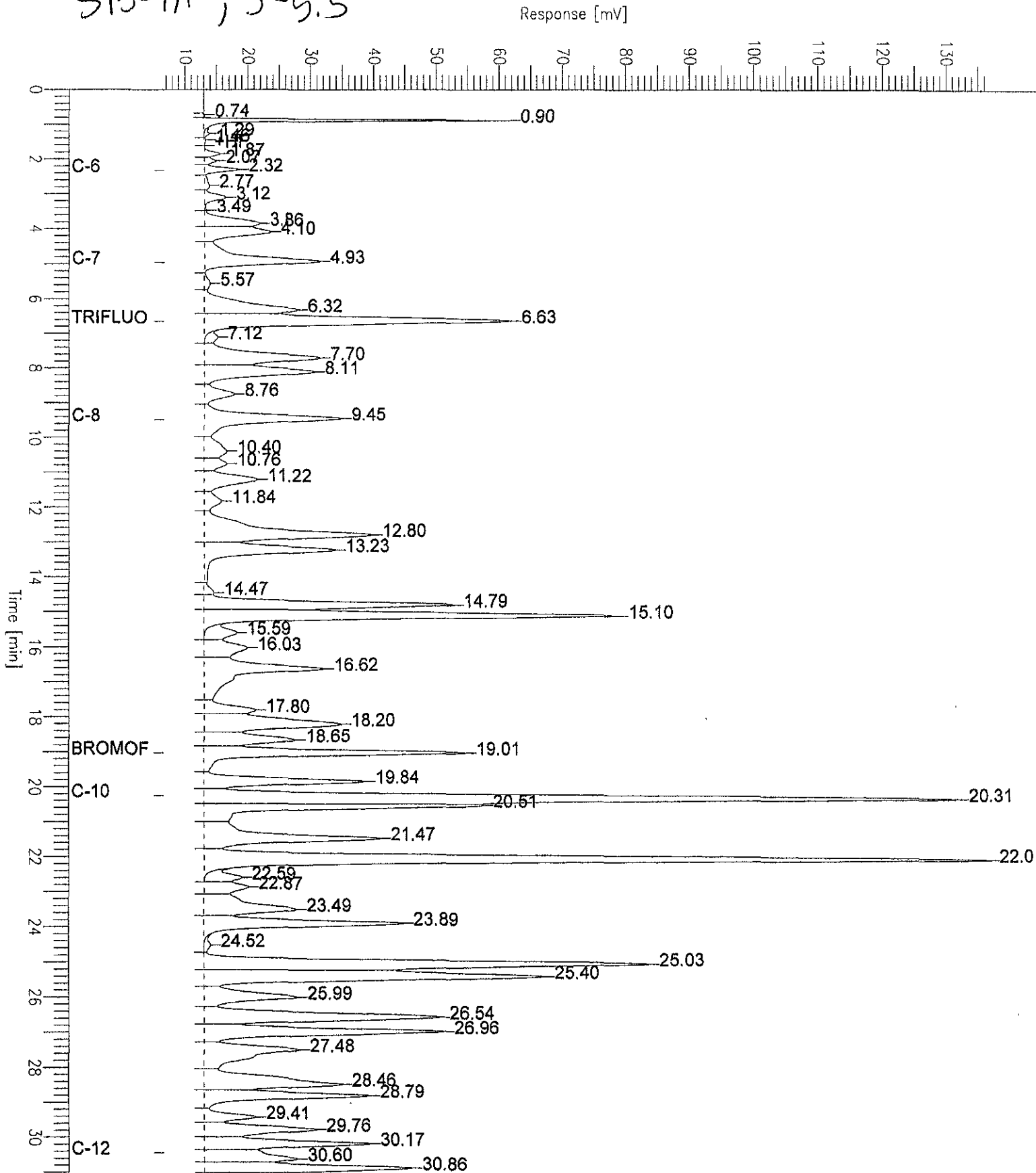
Low Point : 6.76 mV

Plot Scale: 130.2 mV

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High Point : 136.99 mV

SB-1A ; 5-5.5



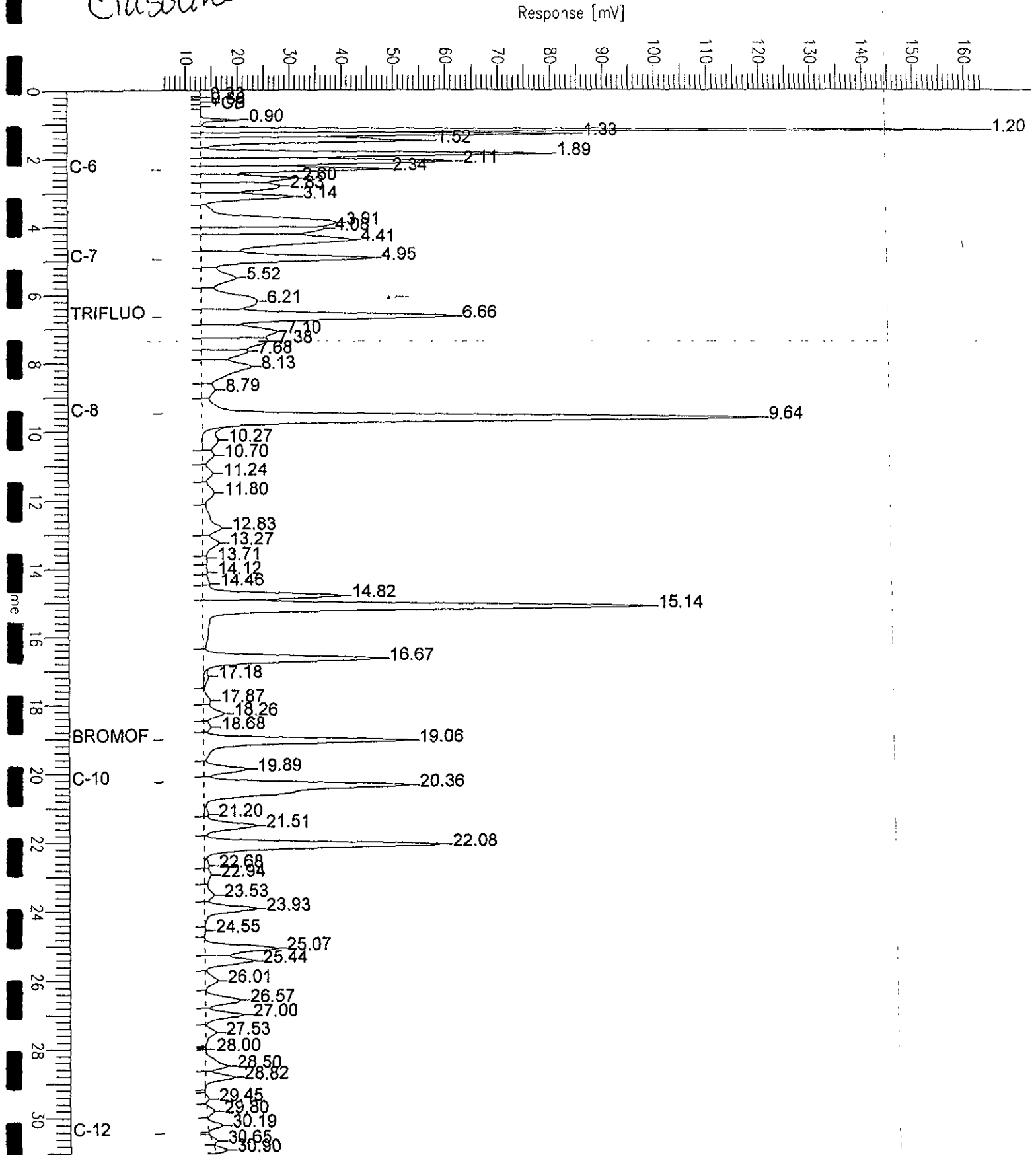
Chromatogram

Sample Name : CCV/LCS, QC144856, 63476, 01WS1024, 5/5000
FileName : G:\GC05\DATA\127G002.raw
Method : TVHBTXE
Start Time : 0.00 min
Scale Factor : 1.0

Sample # :
Date : 5/7/01 07:22 PM
Time of Injection : 5/7/01 06:51 PM
Low Point : 5.30 mV
Plot Scale : 158.1 mV

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Gasoline





Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Basis:	wet	Received:	05/03/01

Field ID:	SB-2C;3-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-067	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	62-138
Bromofluorobenzene (FID)	103	46-150

Field ID:	SB-1B;1-1.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-068	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	62-138
Bromofluorobenzene (FID)	100	46-150

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144855	Batch#:	63476
Matrix:	Soil	Analyzed:	05/07/01
Units:	mg/Kg		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	62-138
Bromofluorobenzene (FID)	102	46-150

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144959	Batch#:	63509
Matrix:	Water	Analyzed:	05/08/01
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	200

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	62-138
Bromofluorobenzene (FID)	96	46-150

H= Heavier hydrocarbons contributed to the quantitation
 Y= Sample exhibits fuel pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit
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Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Field ID:	COMP A	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-006	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.3
Toluene	ND	5.3
Ethylbenzene	ND	5.3
m,p-Xylenes	ND	5.3
o-Xylene	ND	5.3

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	80	55-138

Field ID:	COMP B	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-011	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	5.4	5.1
Toluene	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1

Surrogate	%REC	Limits
Trifluorotoluene (PID)	83	65-134
Bromofluorobenzene (PID)	81	55-138

Field ID:	COMP C	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-016	Sampled:	05/03/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	5.2	4.7
o-Xylene	ND	4.7

Surrogate	%REC	Limits
Trifluorotoluene (PID)	80	65-134
Bromofluorobenzene (PID)	81	55-138

C= Presence confirmed, but confirmation concentration differed by more than a factor of two

D= Not Detected

L= Reporting Limit

**Benzene, Toluene, Ethylbenzene, Xylenes**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Field ID:	COMP D	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-022	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/07/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	37 C	4.9

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	87	55-138

Field ID:	COMP E	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-027	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.5
Toluene	ND	5.5
Ethylbenzene	ND	5.5
m,p-Xylenes	ND	5.5
o-Xylene	ND	5.5

Surrogate	%REC	Limits
Trifluorotoluene (PID)	76	65-134
Bromofluorobenzene (PID)	80	55-138

Field ID:	SB-1;0.75-1.25	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-054	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.6
Toluene	ND	5.6
Ethylbenzene	ND	5.6
m,p-Xylenes	ND	5.6
o-Xylene	ND	5.6

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	79	55-138



Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Field ID:	SB-1;3-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-055	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	13 C	5.2
Toluene	ND	5.2
Ethylbenzene	ND	5.2
m,p-Xylenes	ND	5.2
o-Xylene	ND	5.2

Surrogate	%REC	Limits
Trifluorotoluene (PID)	84	65-134
Bromofluorobenzene (PID)	83	55-138

Field ID:	SB-2;1-1.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-056	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	80	55-138

Field ID:	SB-2;4-4.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-057	Sampled:	05/01/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.4
Toluene	ND	5.4
Ethylbenzene	ND	5.4
m,p-Xylenes	ND	5.4
o-Xylene	ND	5.4

Surrogate	%REC	Limits
Trifluorotoluene (PID)	75	65-134
Bromofluorobenzene (PID)	77	55-138

**Benzene, Toluene, Ethylbenzene, Xylenes**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Field ID:	SB-1A;-0-0.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-064	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.4
Toluene	ND	5.4
Ethylbenzene	ND	5.4
m,p-Xylenes	ND	5.4
o-Xylene	ND	5.4

Surrogate	%REC	Limits
Trifluorotoluene (PID)	77	65-134
Bromofluorobenzene (PID)	80	55-138

Field ID:	SB-1A;5-5.5	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	63509
Lab ID:	151795-065	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/09/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	130
Toluene	1,100 C	130
Ethylbenzene	5,000	130
m,p-Xylenes	12,000	130
o-Xylene	4,100	130

Surrogate	%REC	Limits
Trifluorotoluene (PID)	82	65-134
Bromofluorobenzene (PID)	83	55-138

Field ID:	SB-2C;0-0.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-066	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8

Surrogate	%REC	Limits
Trifluorotoluene (PID)	72	65-134
Bromofluorobenzene (PID)	78	55-138



Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Field ID:	SB-2C;3-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-067	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.2
Toluene	ND	5.2
Ethylbenzene	ND	5.2
m,p-Xylenes	ND	5.2
o-Xylene	ND	5.2

Surrogate	%REC	Limits
Trifluorotoluene (PID)	73	65-134
Bromofluorobenzene (PID)	79	55-138

Field ID:	SB-1B;1-1.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	63476
Lab ID:	151795-068	Sampled:	05/02/01
Matrix:	Soil	Analyzed:	05/08/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	7.4	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	74	65-134
Bromofluorobenzene (PID)	78	55-138

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144855	Batch#:	63476
Matrix:	Soil	Analyzed:	05/07/01
Units:	ug/Kg		

Analyte	Result	RL
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	80	55-138

C= Presence confirmed, but confirmation concentration differed by more than a factor of two

D= Not Detected

L= Reporting Limit

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Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Basis:	wet	Received:	05/03/01

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144959	Batch#:	63509
Matrix:	Water	Analyzed:	05/08/01
Units:	ug/L		

Analyte	Result	RL
Benzene	ND	1.0
Toluene	ND	1.0
Ethylbenzene	ND	1.0
m,p-Xylenes	ND	1.0
o-Xylene	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	74	65-134
Bromofluorobenzene (PID)	76	55-138



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Basis:	wet
Lab ID:	QC144856	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63476
Units:	mg/Kg	Analyzed:	05/07/01

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.825	98	75-123

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	62-138
Bromofluorobenzene (FID)	106	46-150



Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144960	Batch#:	63509
Matrix:	Water	Analyzed:	05/08/01
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,085	104	75-123

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	62-138
Bromofluorobenzene (FID)	107	46-150

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Type:	LCS	Basis:	wet
Lab ID:	QC144857	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63476
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Spiked	Result	%REC	Limits
Benzene	100.0	107.0	107	68-117
Toluene	100.0	102.7	103	70-120
Ethylbenzene	100.0	108.0	108	67-124
m,p-Xylenes	200.0	224.4	112	72-124
o-Xylene	100.0	111.6	112	72-123

Surrogate	%REC	Limits
Trifluorotoluene (PID)	79	65-134
Bromofluorobenzene (PID)	83	55-138



Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	63509
Units:	ug/L	Analyzed:	05/08/01
Diln Fac:	1.000		

Type: BS

Lab ID: QC144961

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	21.18	106	68-117
Toluene	20.00	20.54	103	70-120
Ethylbenzene	20.00	22.25	111	67-124
m,p-Xylenes	40.00	45.17	113	72-124
o-Xylene	20.00	22.91	115	72-123

Surrogate	%REC	Limits
Trifluorotoluene (PID)	77	65-134
Bromofluorobenzene (PID)	81	55-138

Type: BSD

Lab ID: QC144962

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	20.95	105	68-117	1	20
Toluene	20.00	20.77	104	70-120	1	20
Ethylbenzene	20.00	21.77	109	67-124	2	20
m,p-Xylenes	40.00	45.78	114	72-124	1	20
o-Xylene	20.00	22.39	112	72-123	2	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	75	65-134
Bromofluorobenzene (PID)	79	55-138

Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	SB-2;1-1.5	Diln Fac:	1.000
MSS Lab ID:	151795-056	Batch#:	63476
Matrix:	Soil	Sampled:	05/01/01
Units:	mg/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/08/01

Type: MS Lab ID: QC144858

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<0.1200	9.901	7.404	75	41-132
Surrogate	%REC		Limits		
Trifluorotoluene (FID)	113	62-138			
Bromofluorobenzene (FID)	103	46-150			

Type: MSD Lab ID: QC144859

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.99	7.557	69	41-132	8	25
Surrogate	%REC		Limits			
Trifluorotoluene (FID)	108	62-138				
Bromofluorobenzene (FID)	101	46-150				

Gasoline by GC/FID CA LUFT

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	ZZZZZZZZZZ	Batch#:	63509
MSS Lab ID:	151861-001	Sampled:	05/07/01
Matrix:	Water	Received:	05/07/01
Units:	ug/L	Analyzed:	05/08/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144963

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	600.8	2,000	2,552	98	41-132

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	62-138
Bromofluorobenzene (FID)	111	46-150

Type: MSD Lab ID: QC144964

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,551	98	41-132	0	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	62-138
Bromofluorobenzene (FID)	108	46-150



Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/04/01
Batch#:	63446	Analyzed:	05/08/01
Sampled:	05/01/01		

Field ID: SB-2 Diln Fac: 1.000
 Type: SAMPLE Cleanup Method: EPA 3630C
 Lab ID: 151795-069

Analyte	Result	RL
Diesel C10-C24	180 H Y	50

Surrogate	%REC	Limits
Hexacosane	83	44-121

Field ID: SB-1 Diln Fac: 5.000
 Type: SAMPLE Cleanup Method: EPA 3630C
 Lab ID: 151795-070

Analyte	Result	RL
Diesel C10-C24	2,900 L Y	250

Surrogate	%REC	Limits
Hexacosane	81	44-121

Type: BLANK Diln Fac: 1.000
 Lab ID: QC144740 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	98	44-121

- H= Heavier hydrocarbons contributed to the quantitation
- L= Lighter hydrocarbons contributed to the quantitation
- Y= Sample exhibits fuel pattern which does not resemble standard
- ND= Not Detected
- RL= Reporting Limit

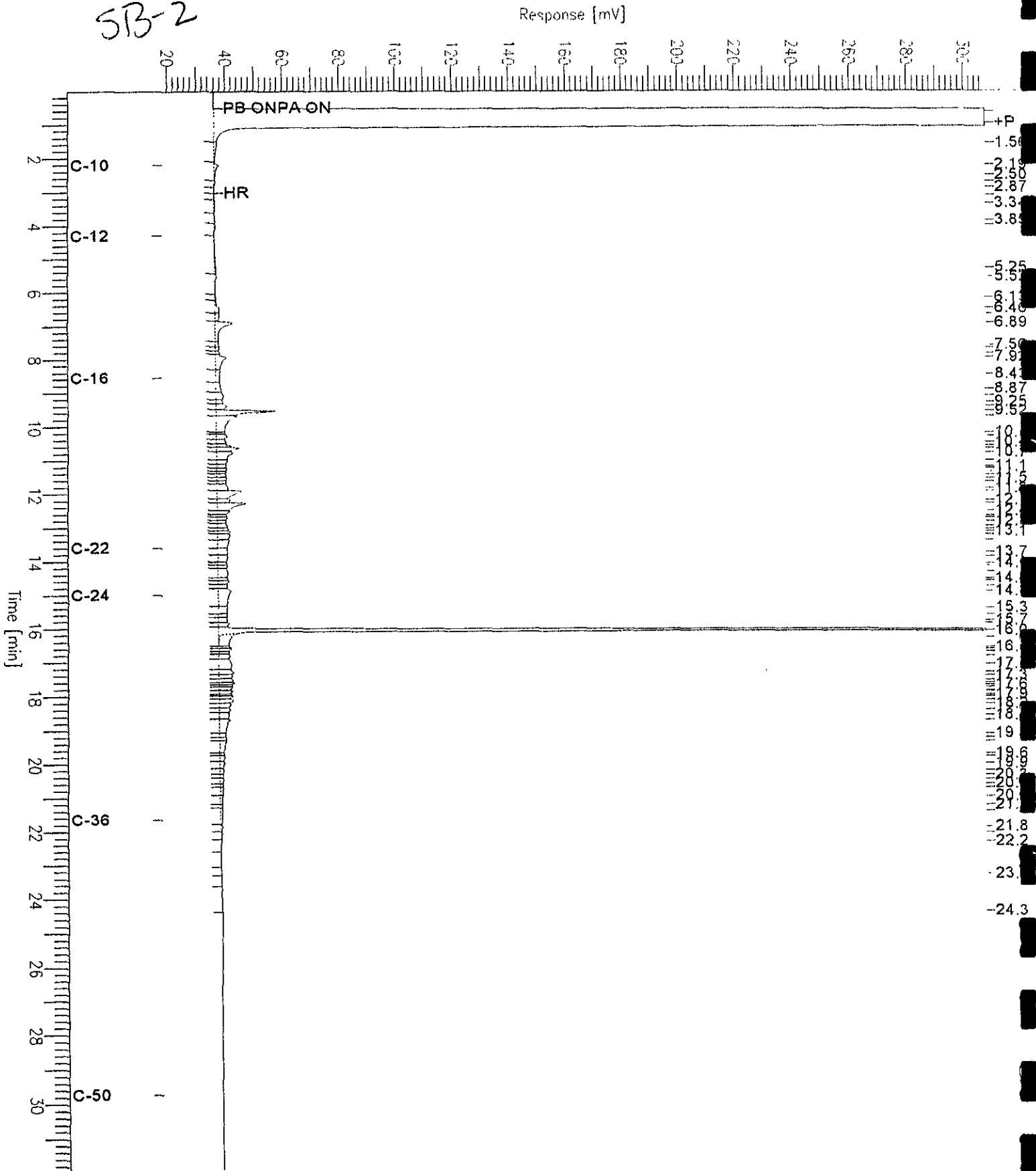
Chromatogram

Sample Name : 151795-069sg,63446
FileName : G:\GC15\CHB\127B024.RAW
Method : BTEH107.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 31.91 min
Plot Offset : 18 mV

Sample #: 63446
Date : 05/08/2001 09:56 AM
Time of Injection: 05/08/2001 03:50 AM
Low Point : 18.40 mV
High Point : 307.84 mV
Plot Scale: 289.4 mV

SB-2



Chromatogram

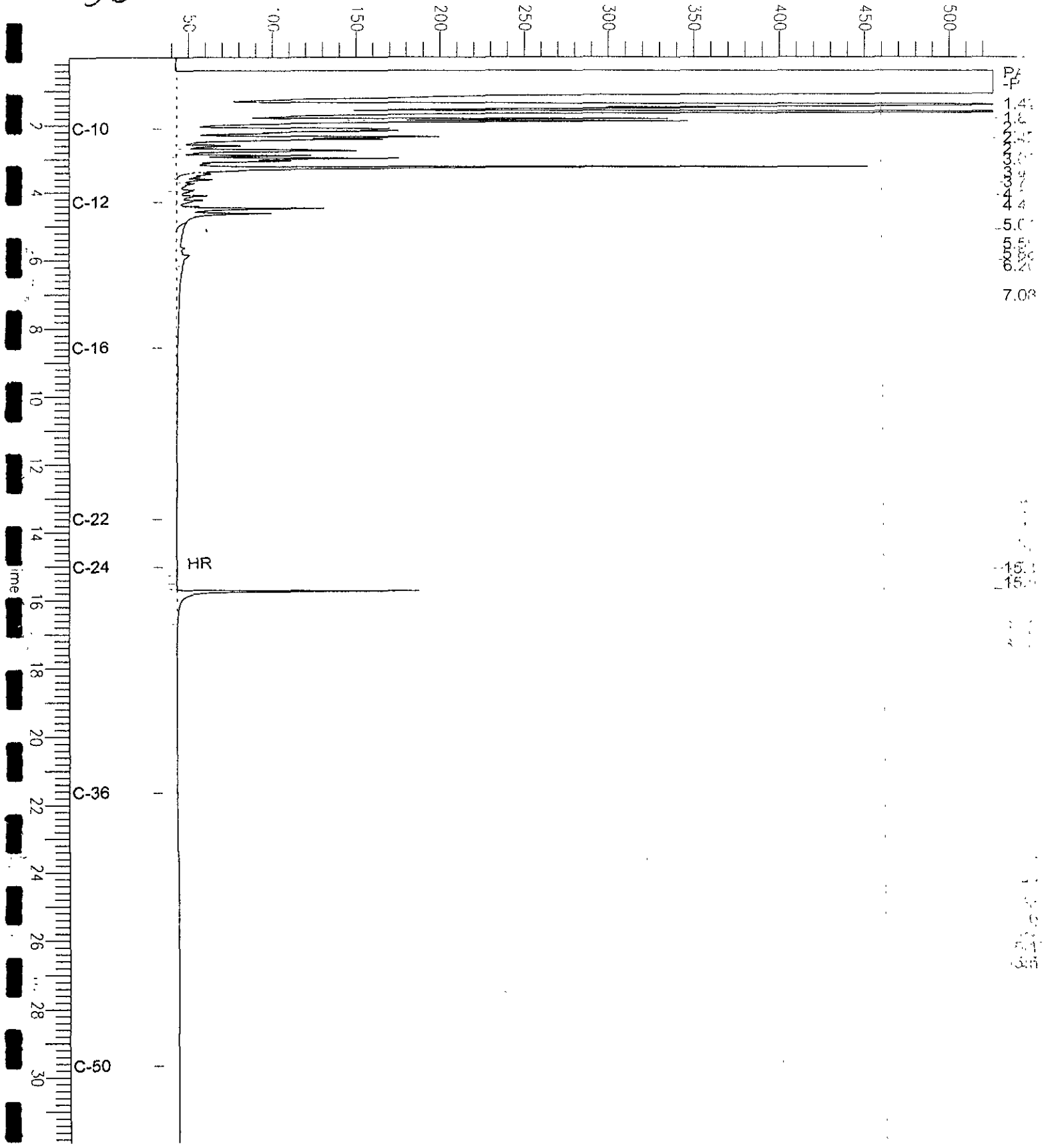
Sample Name : 151795-070sg,63446
File Name : G:\GC11\CHA\126A056.RAW
Method : ATEH097.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 31.91 min
Plot Offset: 34 mV

Sample #: 63446
Date : 5/8/01 04:48 PM
Time of Injection: 5/8/01 04:10 PM
Low Point : 34.14 mV
High Point : 525.89 mV
Plot Scale: 491.7 mV

SB-1

Response [mV]



Chromatogram

Sample Name : ccv,0lws0904,dsl

Sample #: 500mg/L

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FileName : G:\GC15\CHB\1.786...RAW

Date : 05/07/2001 01:54 PM

Method : BTEH107.MTH

Time of Injection: 05/07/2001 12:13 PM

Start Time : 0.01 min

End Time : 31.91 min

Low Point : 19.30 mV

High Point : 354.45 mV

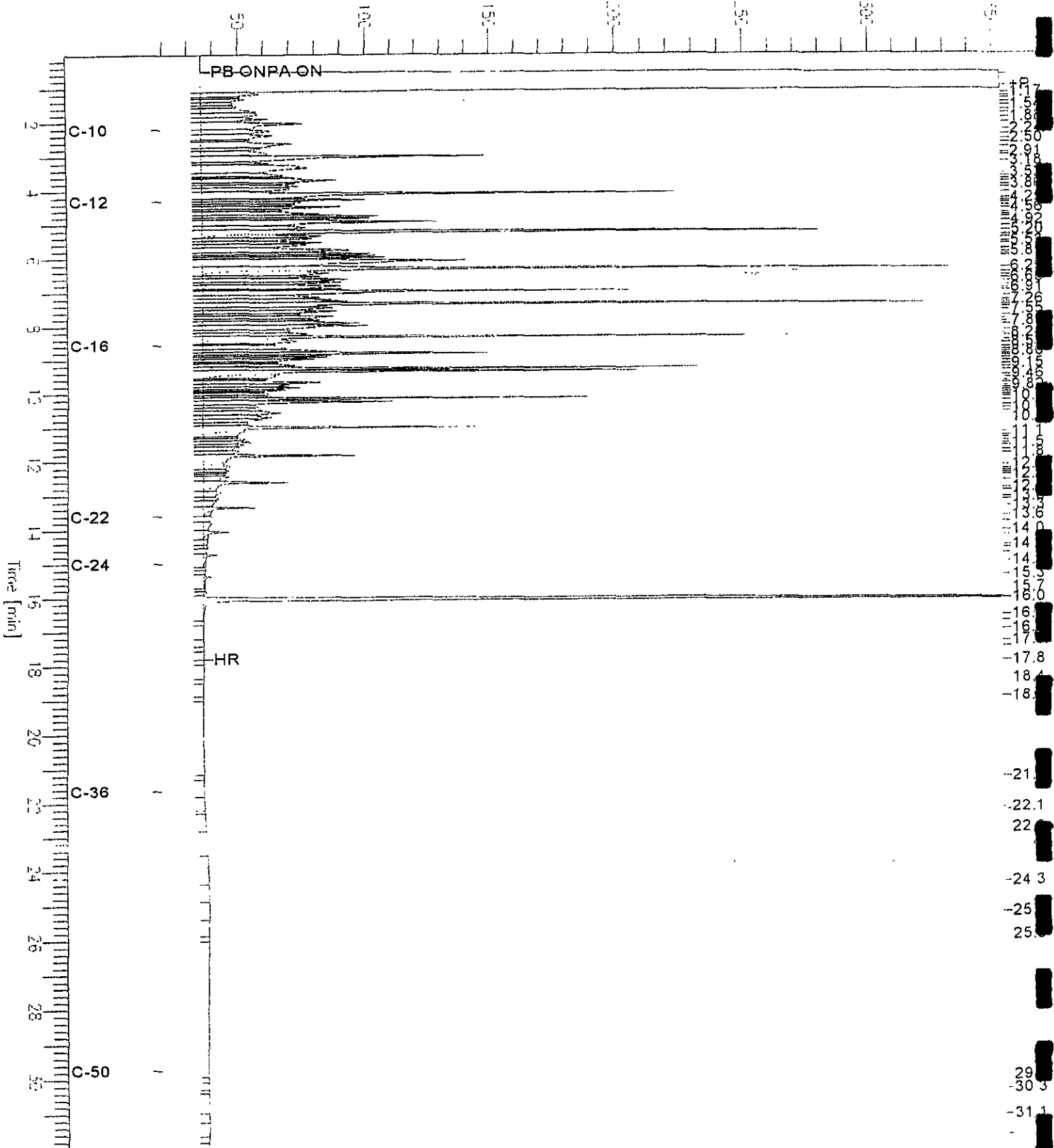
Scale Factor: 0.0

Flor Offset: 19 mV

Flor Scale: 334.1 mV

Diesel

Response [mV]





Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	63446
Units:	ug/L	Prepared:	05/04/01
Diln Fac:	1.000	Analyzed:	05/08/01

Type: BS Cleanup Method: EPA 3630C
 Lab ID: QC144741

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,978	79	45-110
Surrogate	%REC	Limits		
Hexacosane	88	44-121		

Type: BSD Cleanup Method: EPA 3630C
 Lab ID: QC144742

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,106	84	45-110	6	22
Surrogate	%REC	Limits				
Hexacosane	93	44-121				



Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Soil	Basis:	wet
Units:	mg/Kg	Received:	05/03/01

Field ID:	COMP A	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-006	Analyzed:	05/10/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	20 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	84	60-136

Field ID:	COMP B	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-011	Analyzed:	05/12/01
Diln Fac:	2.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	76 H Y	2.0

Surrogate	%REC	Limits
Hexacosane	100	60-136

Field ID:	COMP C	Sampled:	05/03/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-016	Analyzed:	05/12/01
Diln Fac:	2.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	74 H Y	2.0

Surrogate	%REC	Limits
Hexacosane	90	60-136

Field ID:	COMP D	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-022	Analyzed:	05/10/01
Diln Fac:	2.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	540	2.0

Surrogate	%REC	Limits
Hexacosane	67	60-136

H= Heavier hydrocarbons contributed to the quantitation
 L= Lighter hydrocarbons contributed to the quantitation
 Y= Sample exhibits fuel pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 4



Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Soil	Basis:	wet
Units:	mg/Kg	Received:	05/03/01

Field ID:	COMP E	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-027	Analyzed:	05/10/01
Diln Fac:	5.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	98 H Y	5.0

Surrogate	%REC	Limits
Hexacosane	77	60-136

Field ID:	SB-1;0.75-1.25	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-054	Analyzed:	05/10/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	62 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	63	60-136

Field ID:	SB-1;3-3.5	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-055	Analyzed:	05/10/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	13 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	70	60-136

Field ID:	SB-2;1-1.5	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/09/01
Lab ID:	151795-056	Analyzed:	05/10/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	3.2 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	64	60-136

H = Heavier hydrocarbons contributed to the quantitation
 L = Lighter hydrocarbons contributed to the quantitation
 Y = Sample exhibits fuel pattern which does not resemble standard
 N = Not Detected
 R = Reporting Limit



Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Soil	Basis:	wet
Units:	mg/Kg	Received:	05/03/01

Field ID:	SB-2;4-4.5	Sampled:	05/01/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-057	Analyzed:	05/10/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	43 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	78	60-136

Field ID:	SB-1A;-0-0.5	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-064	Analyzed:	05/09/01
Diln Fac:	5.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	240 H Y	5.0

Surrogate	%REC	Limits
Hexacosane	110	60-136

Field ID:	SB-1A;5-5.5	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-065	Analyzed:	05/09/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	40 H L Y	1.0

Surrogate	%REC	Limits
Hexacosane	83	60-136

Field ID:	SB-2C;0-0.5	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-066	Analyzed:	05/08/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	25 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	91	60-136

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits fuel pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit



Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Matrix:	Soil	Basis:	wet
Units:	mg/Kg	Received:	05/03/01

Field ID:	SB-2C;3-3.5	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-067	Analyzed:	05/09/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	37 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	81	60-136

Field ID:	SB-1B;1-1.5	Sampled:	05/02/01
Type:	SAMPLE	Prepared:	05/07/01
Lab ID:	151795-068	Analyzed:	05/09/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	60 H Y	1.0

Surrogate	%REC	Limits
Hexacosane	87	60-136

Type:	BLANK	Prepared:	05/07/01
Lab ID:	QC144891	Analyzed:	05/09/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63486		

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	83	60-136

Type:	BLANK	Prepared:	05/09/01
Lab ID:	QC145071	Analyzed:	05/11/01
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	63538		

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	79	60-136

H = Heavier hydrocarbons contributed to the quantitation
 L = Lighter hydrocarbons contributed to the quantitation
 Y = Sample exhibits fuel pattern which does not resemble standard
 N = Not Detected
 R = Reporting Limit
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Chromatogram

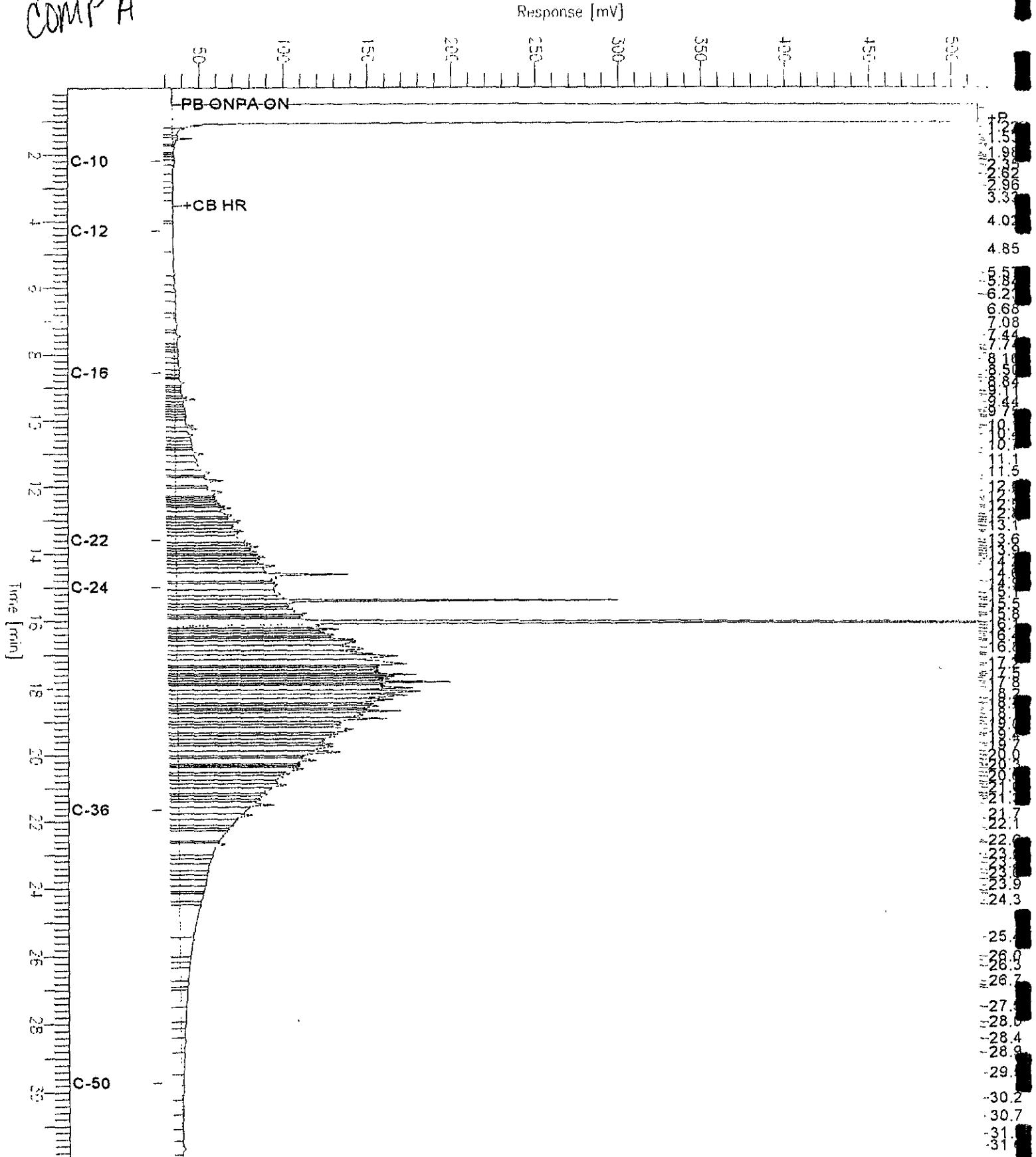
Sample Name : 151795-006ag,63538
FileName : G:\GC15\CHB\130B007.RAW
Method : BTEH107.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 31.91 min
Plot Offset : 27 mV

Sample #: 63538
Date : 05/11/2001 08:52 AM
Time of Injection: 05/10/2001 05:41 PM
Low Point : 26.92 mV
Plot Scale: 489.3 mV
High Point : 516.15 mV

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COMP A



Chromatogram

Sample Name : 151795-011sg, 63538
eName : G:\GC13\CHB\1298096.RAW
Mod : BTEH108.MTH
Start Time : 0.01 min
Scale Factor: 0.0

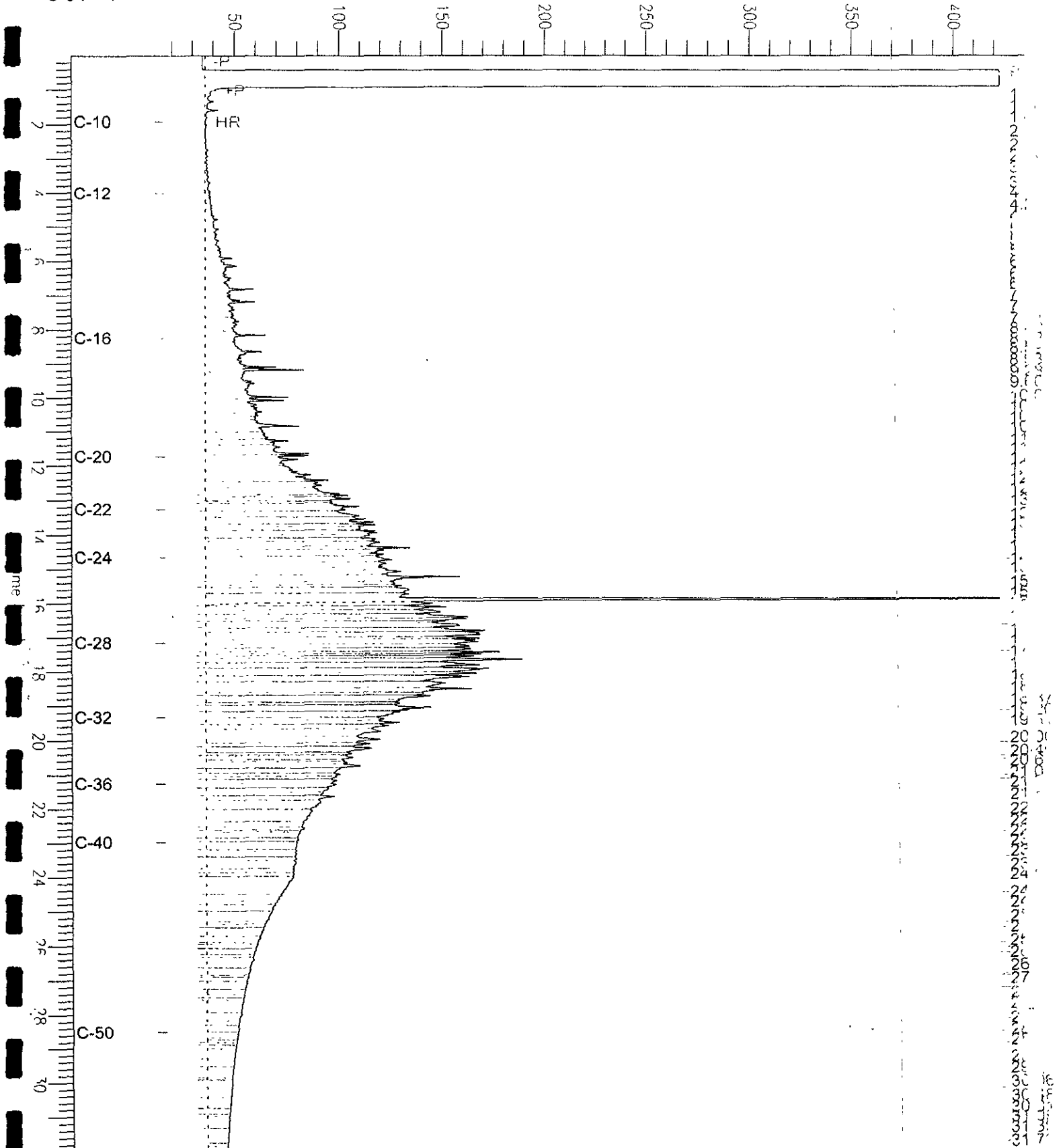
End Time : 31.91 min
Plot Offset: 17 mV

Sample #: 63538
Date : 05/13/2001 10:06 AM
Time of Injection: 05/12/2001 05:06 AM
Low Point : 16.52 mV
High Point : 422.55 mV
Plot Scale: 406.0 mV

Page 1 of 1

COMP B

Response [mV]



Chromatogram

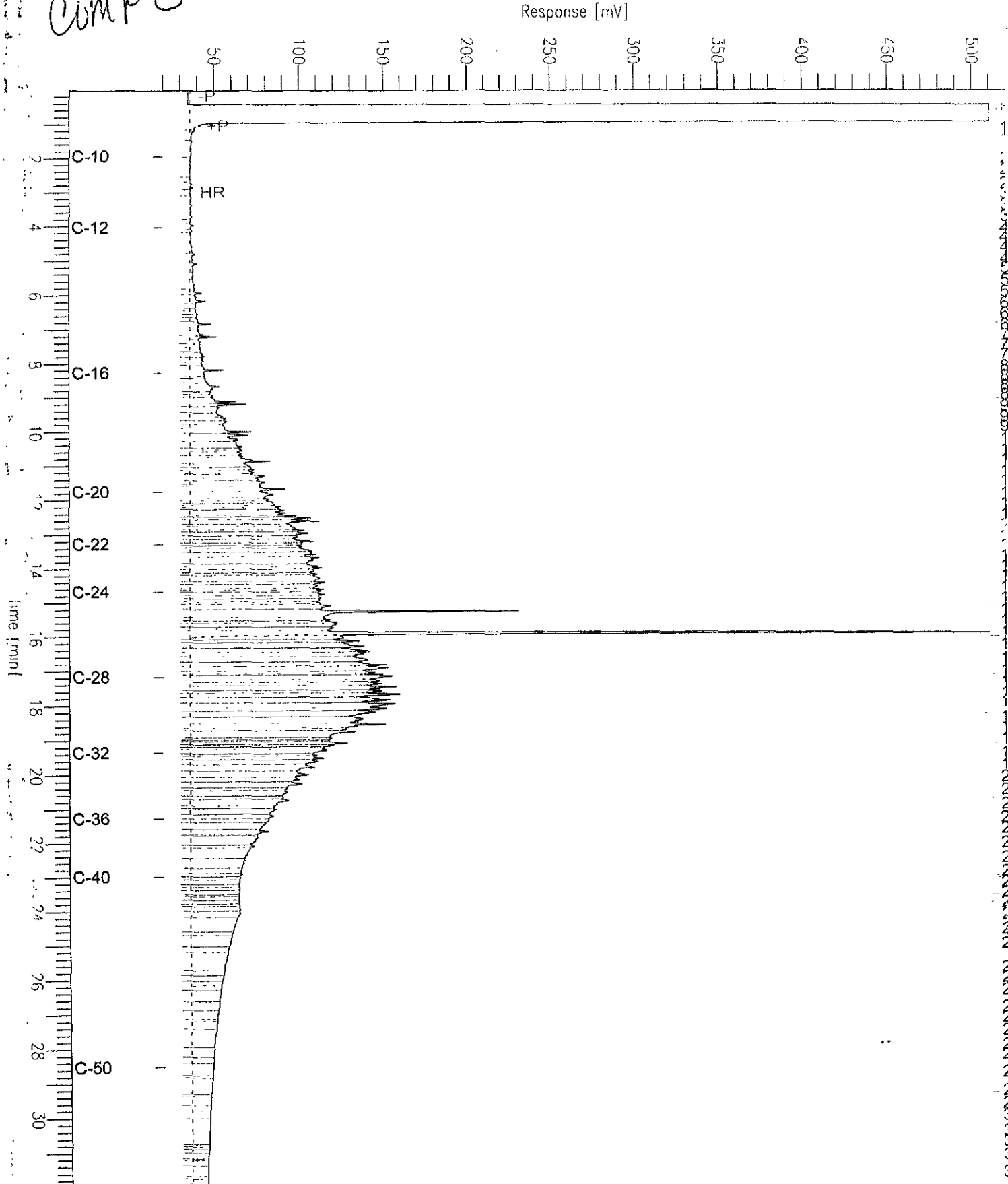
Sample Name : 151795-016sg,63538
FileName : G:\GC13\CHB\129B097.RAW
Method : BTEH108.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 31.91 min
Plot Offset: 20 mV

Sample #: 63538
Date : 05/13/2001 10:05 AM
Time of Injection: 05/12/2001 05:45 AM
Low Point : 19.94 mV
Plot Scale: 490.8 mV

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COMP C



Chromatogram

Sample Name : 151795-022sg,63538
File Name : G:\GC13\CHB\129B052.RAW
Method : BTEH108.MTH
Start Time : 0.00 min
Scale factor : 0.0

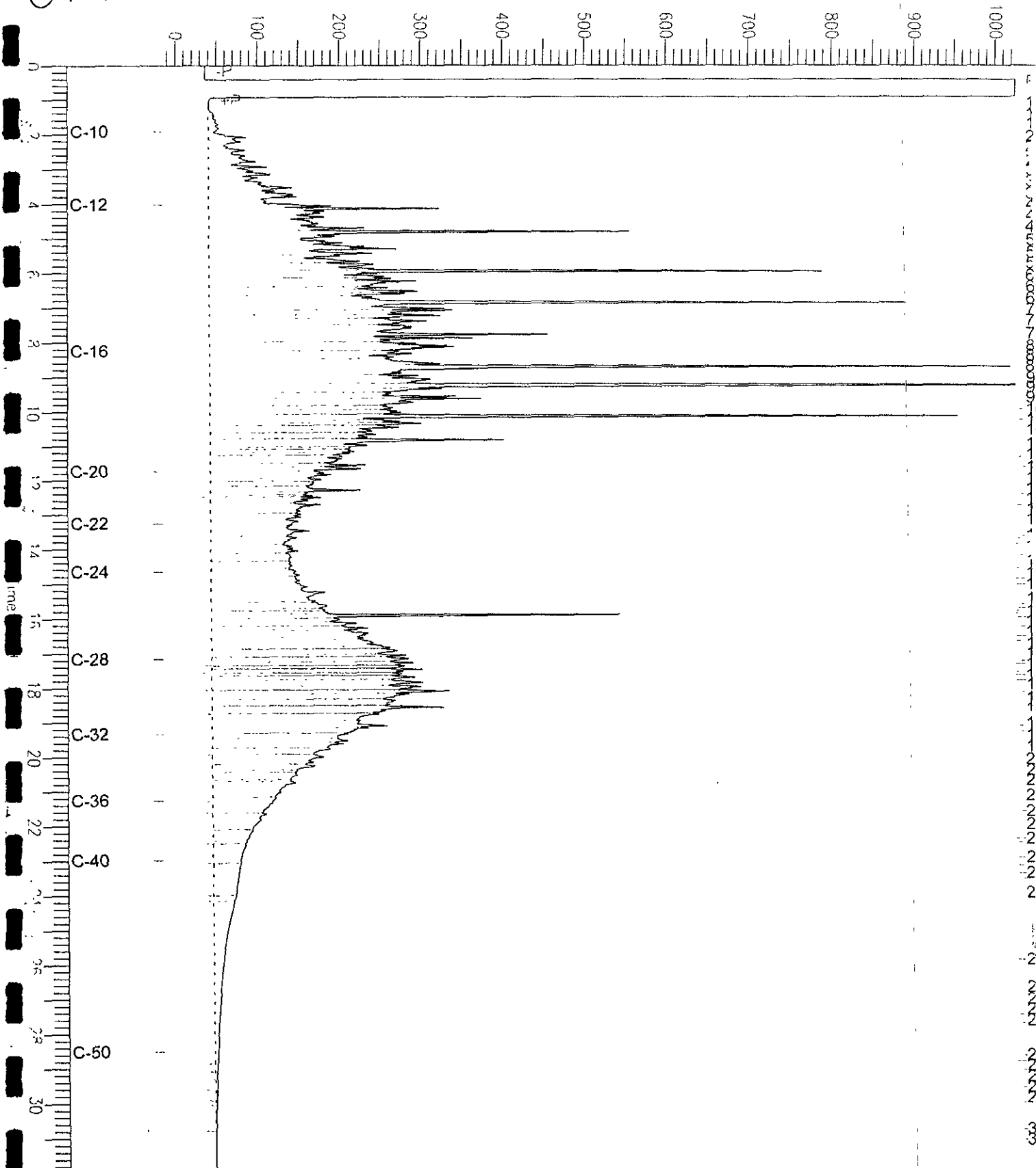
End Time : 31.90 min
Plot Offset : -16 mV

Sample #: 63538
Date : 05/11/2001 07:38 AM
Time of Injection: 05/10/2001 09:47 PM
Low Point : -15.57 mV
High Point : 1024.00 mV
Plot Scale: 1039.6 mV

Page 1 of 1

COMP D

Response [mV]



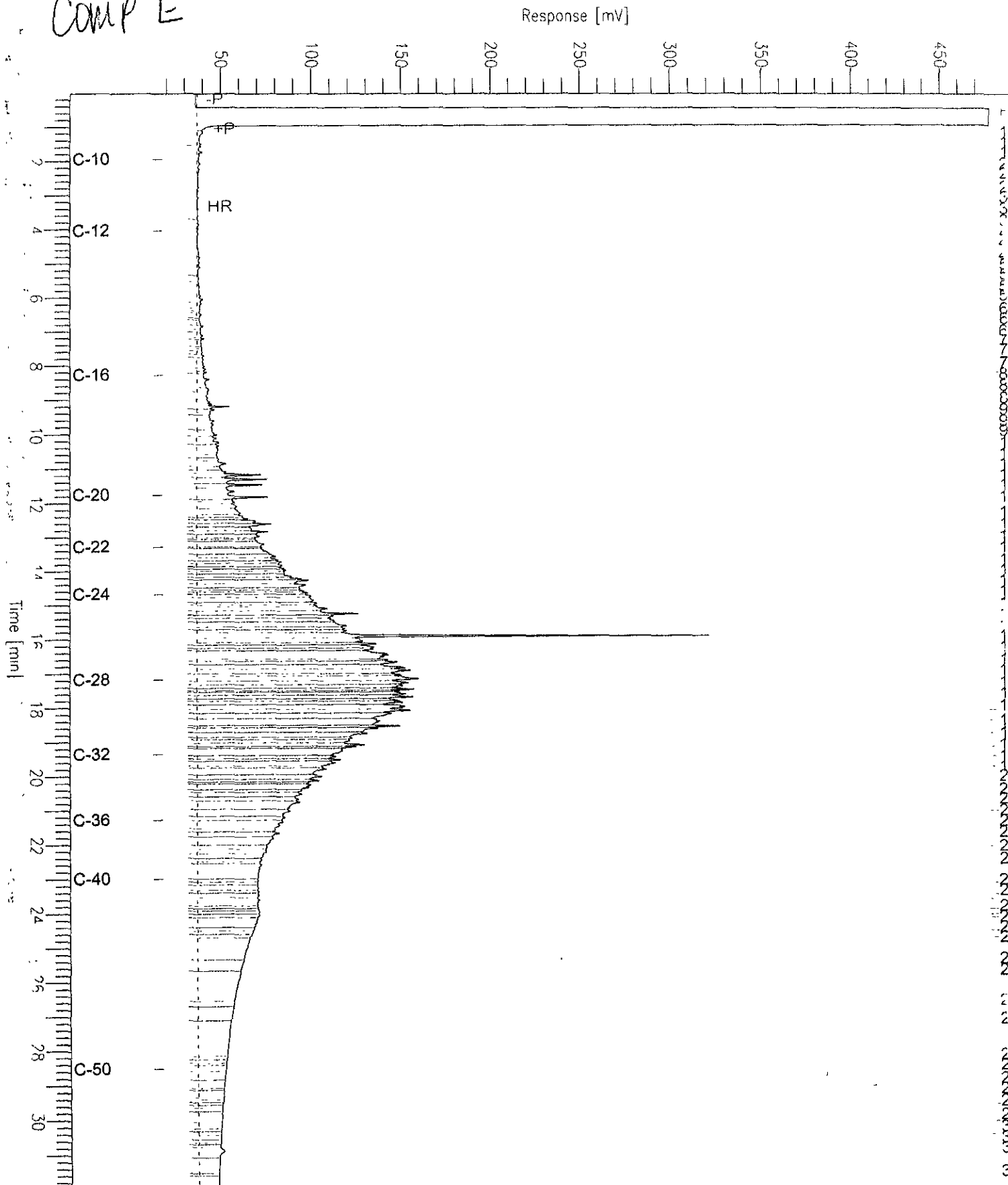
Chromatogram

Sample Name : 151795-027sg,63538
FileName : G:\GC13\CHB\129B053.RAW
Method : BTEH108.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 31.91 min
Plot Offset: 18 mV

Sample #: 63538
Date : 05/11/2001 09:00 AM
Page 1 of 1
Time of Injection: 05/10/2001 10:26 PM
Low Point : 17.76 mV
High Point : 477.95 mV
Plot Scale: 460.2 mV

COMP E



Chromatogram

Sample Name : 151795-054sg,63538
File Name : G:\GC13\CHB\129B047.RAW
Method : BTEH108.MTH
Start Time : 0.01 min
Scale Factor : 0.0

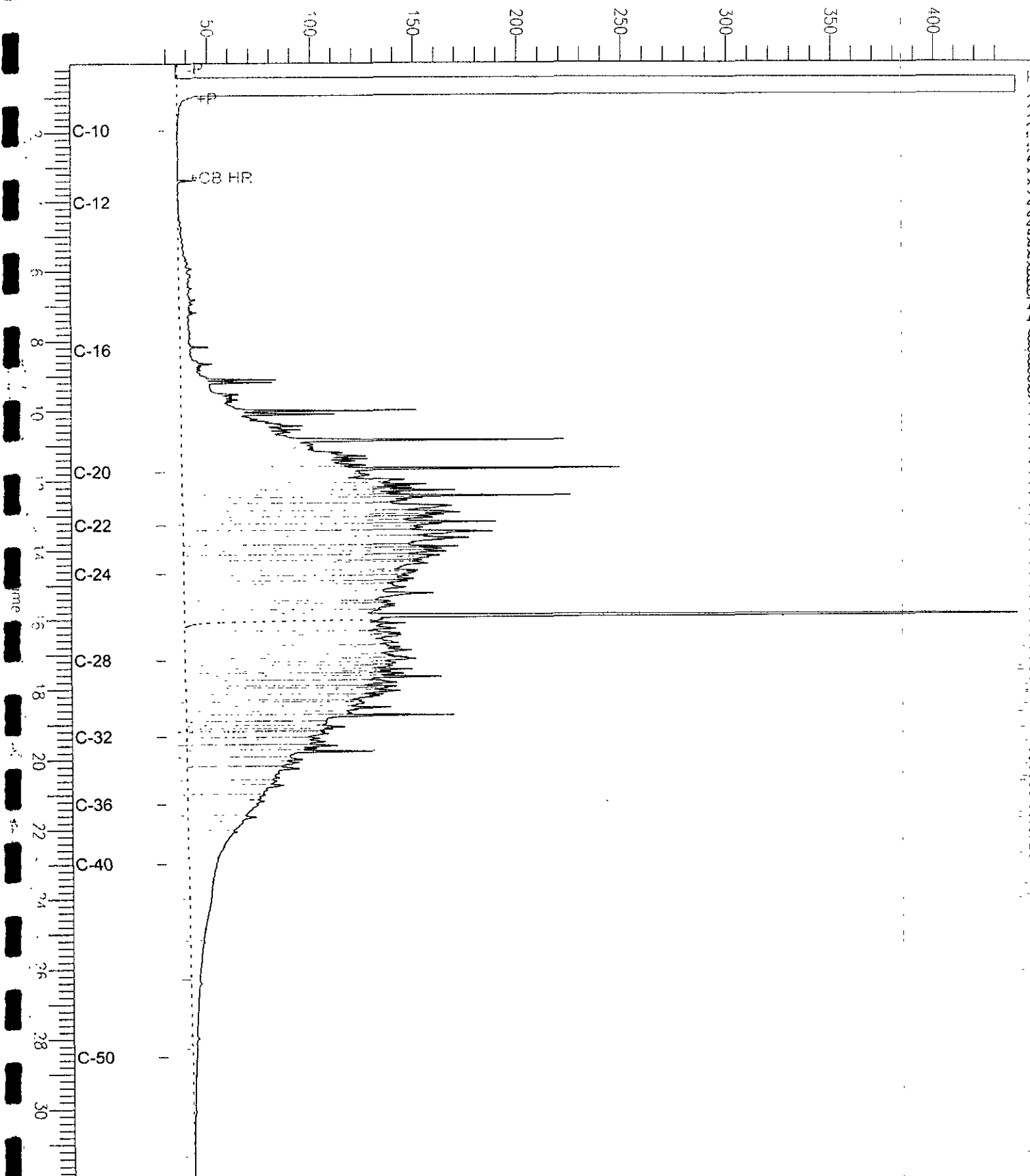
End Time : 31.91 min
Plot Offset : 29 mV

Sample #: 63538
Date : 05/11/2001 07:32 AM
Time of Injection: 05/10/2001 06:32 PM
Low Point : 29.43 mV
High Point : 439.91 mV
Plot Scale: 410.5 mV

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SB-1; 0.75-1.25

Response [mV]



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Chromatogram

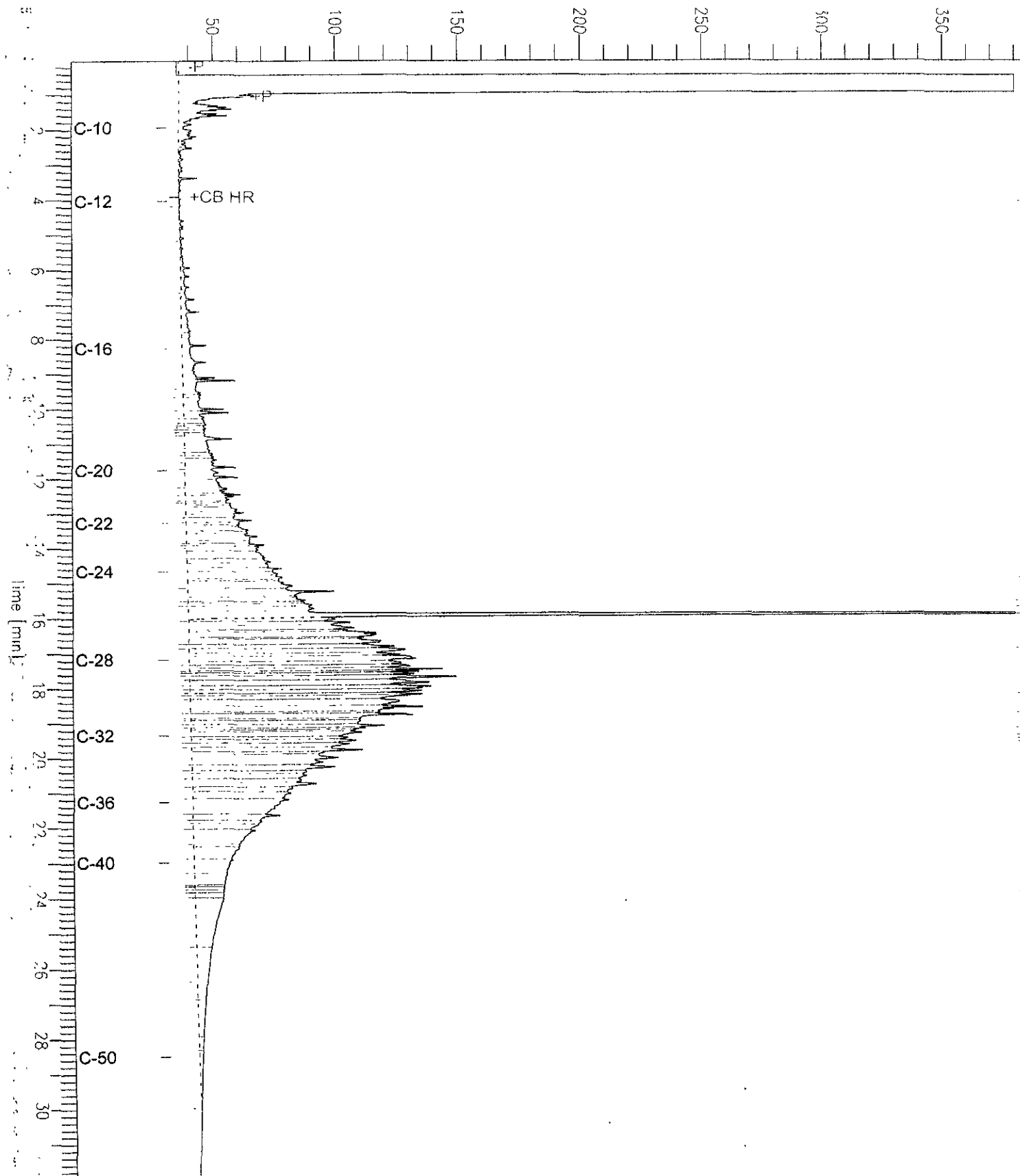
Sample Name : 151795-055sg,63538
File Name : G:\GC13\CHB\129B048.RAW
Method : BTEH108.MTH
Start Time : 0.01 min
Scale Factor : 0.0

Sample #: 63538
Date : 05/11/2001 07:34 AM
Time of Injection: 05/10/2001 07:11 PM
Low Point : 31.20 mV
High Point : 380.09 mV
End Time : 31.91 min
Plot Offset: 31 mV
Plot Scale: 348.9 mV

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SB-1; 3-3.5

Response [mV]



Chromatogram

Sample Name : 151795-056sg,63538

Sample #: 63538

Page 1 of 1

File Name : G:\GC13\CHB\129B046.RAW

Date : 05/11/2001 07:30 AM

Method : BTEH108.MTH

Time of Injection: 05/10/2001 05:52 PM

Start Time : 0.01 min

End Time : 31.91 min

Low Point : 32.51 mV

High Point : 201.36 mV

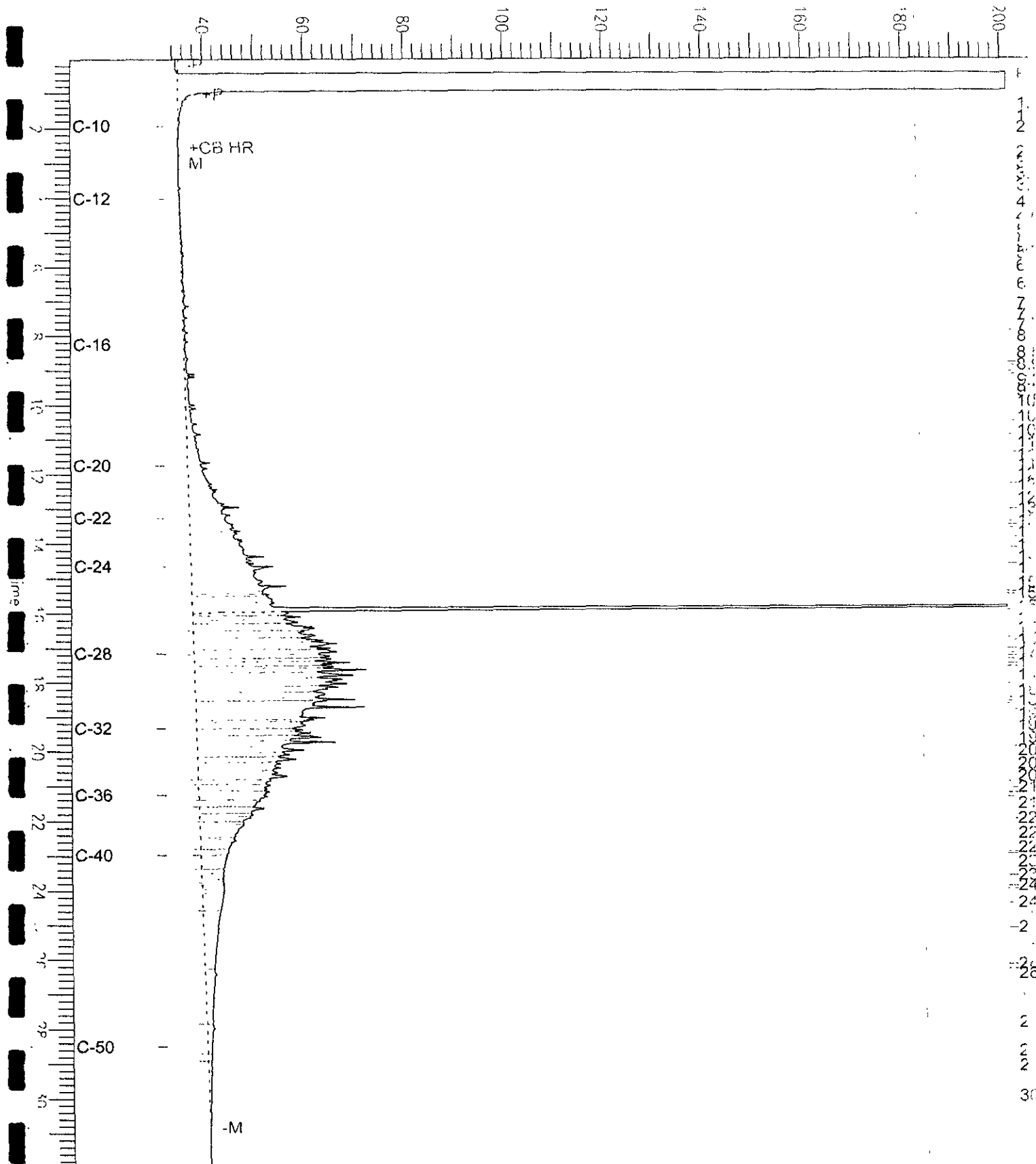
Scale Factor: 0.0

Plot Offset: 33 mV

Plot Scale: 168.8 mV

SB-2; 1-1.5

Response [mV]



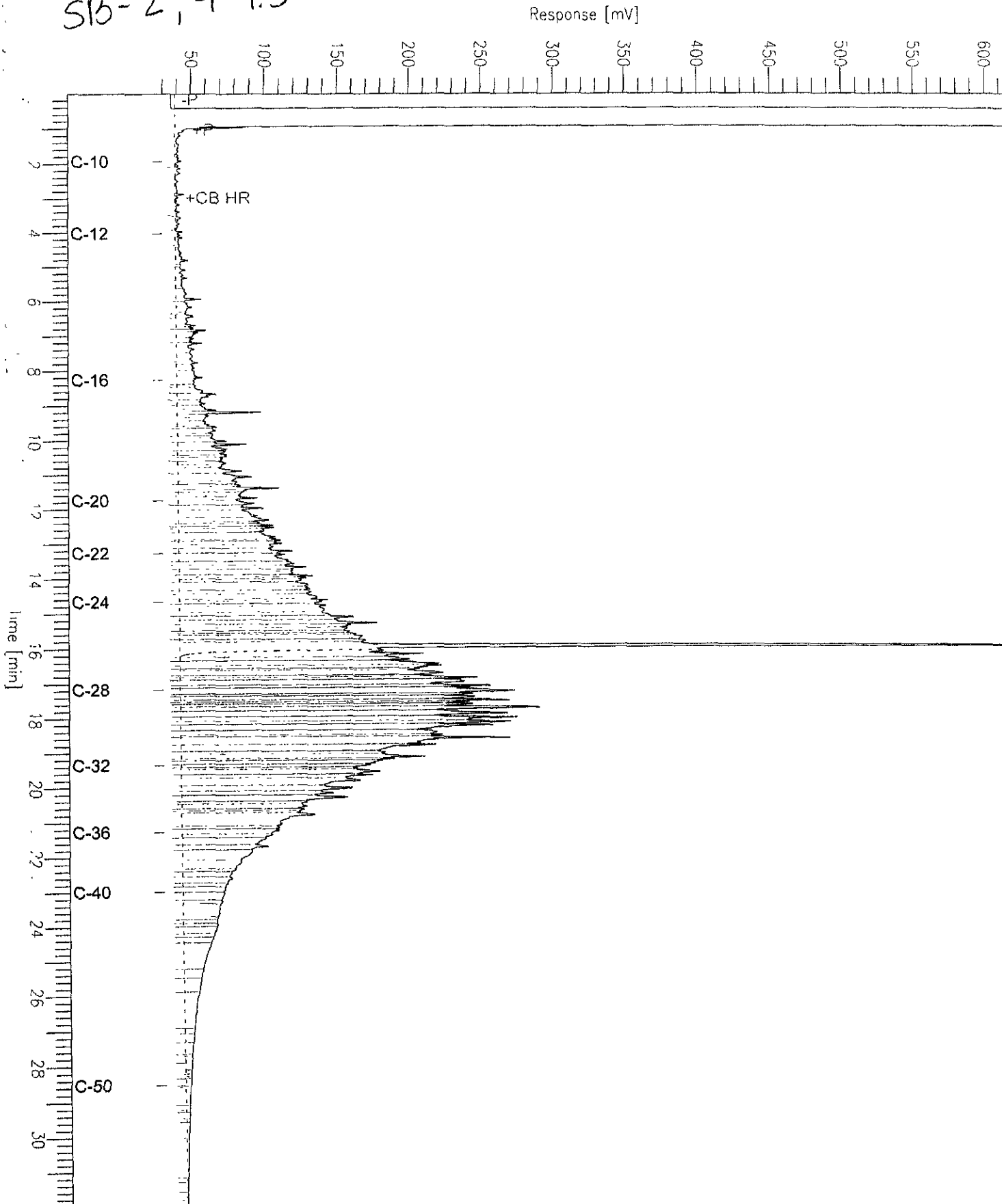
Chromatogram

Sample Name : 151795-057sg,63486
FileName : G:\GC13\CHB\129B049.RAW
Method : BTEH108.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 31.91 min
Plot Offset: 30 mV

Sample #: 63486
Date : 05/11/2001 11:04 AM
Time of Injection: 05/10/2001 07:50 PM
Low Point : 30.00 mV
High Point : 616.18 mV
Plot Scale: 586.2 mV

SB-2, 4-4.5



Chromatogram

Sample Name : 151795-064sg, 63486
FileName : G:\GC15\CHB\127B041.RAW
Method : BTEH107.MTH
Start Time : 0.01 min
Scale Factor : 0.0

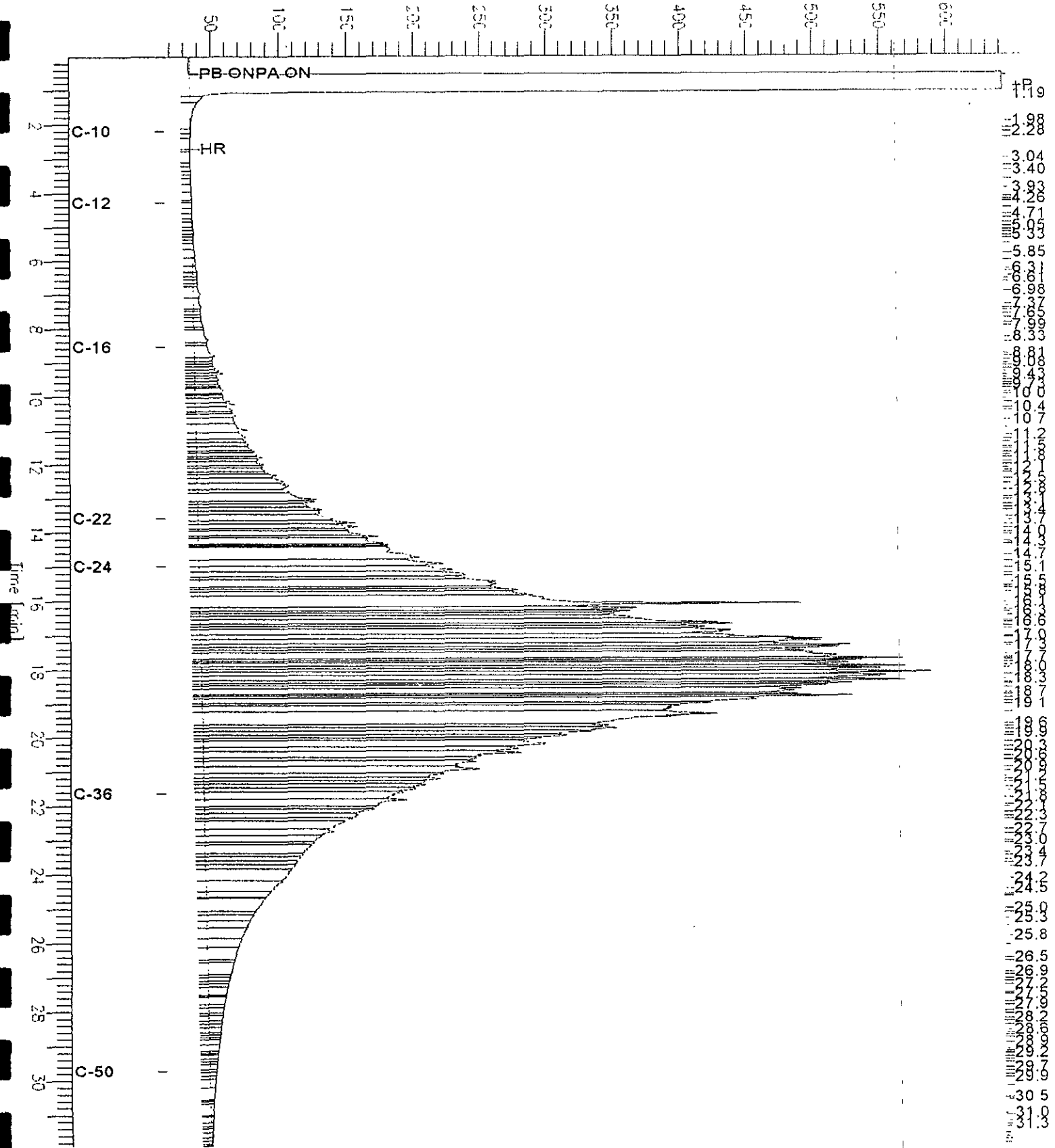
End Time : 31.91 min
Plot Offset : 16 mV

Sample #: 63486
Date : 05/09/2001 09:35 AM
Time of Injection: 05/09/2001 01:18 AM
Low Point : 16.22 mV
Plot Scale: 626.1 mV

Page 1 of 1

SB-1A; 0-0.5

Response [mV]

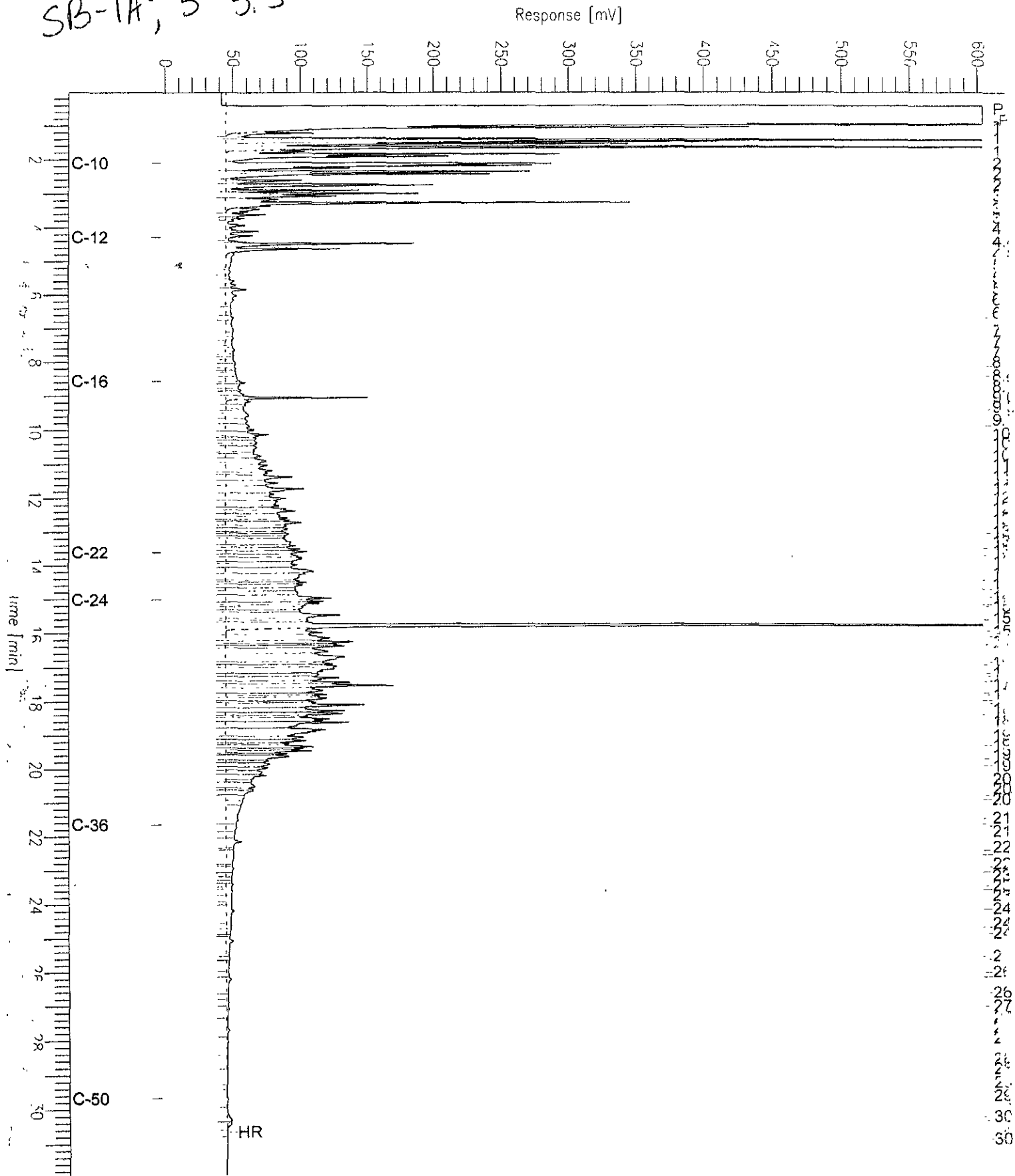


Chromatogram

Sample Name : 151795-065sg,63486
FileName : G:\GC11\CHA\126A071.RAW
Method : ATEH097.MTH
Start Time : 0.01 min
Scale Factor : 0.0

Sample #: 63486
Date : 5/9/01 07:15 AM
Time of Injection: 5/9/01 03:32 AM
Low Point : -2.82 mV
High Point : 603.64 mV
End Time : 31.91 min
Plot Offset: -3 mV
Plot Scale: 606.5 mV

SB-1A; 5-5.5



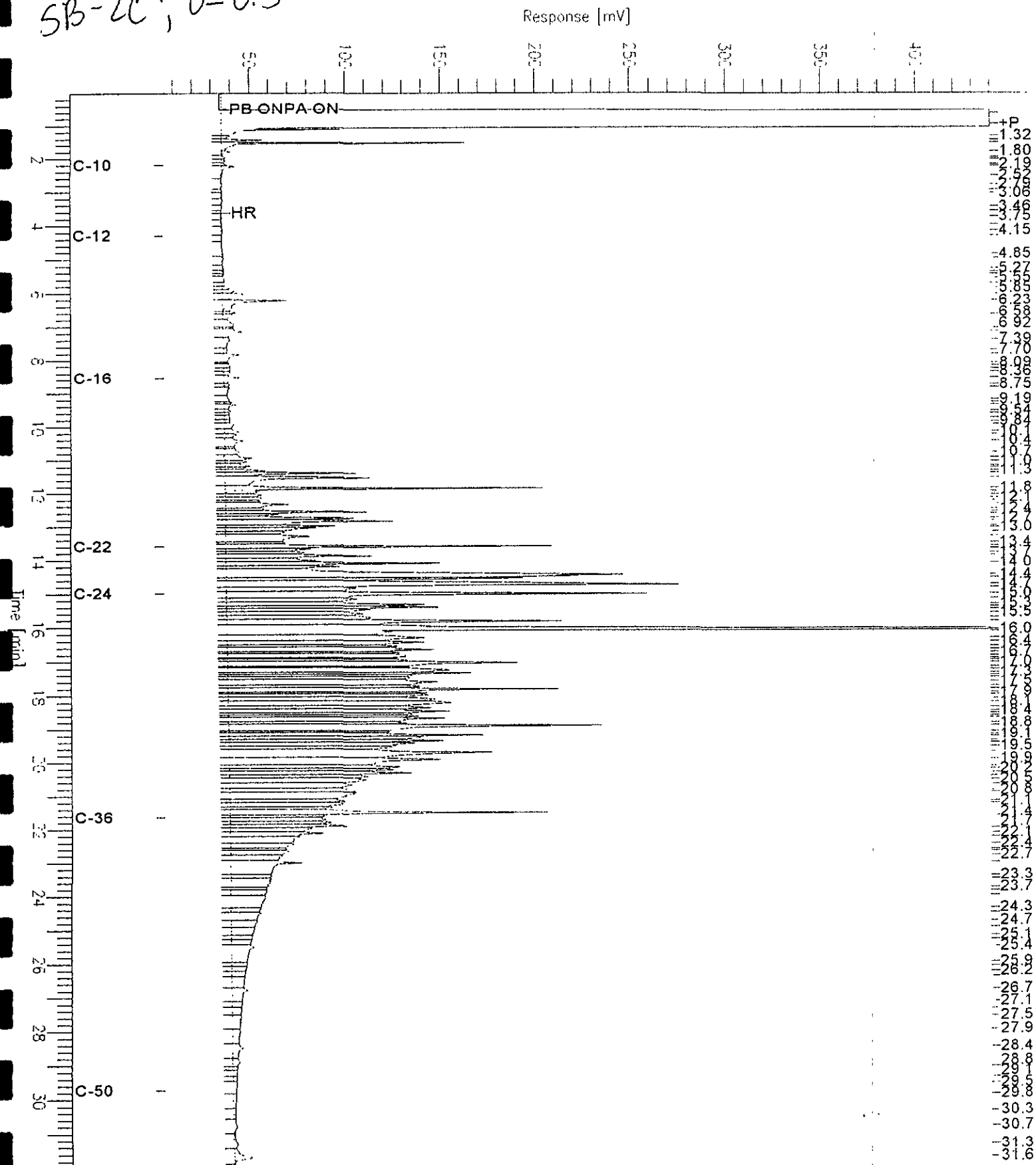
Chromatogram

Sample Name : 151795-06bsg,63486
FileName : G:\GC15\CHB\127R034.RAW
Method : BTEH107.MTH
Start Time : 0.01 min
Scale Factor : 0.0

Sample #: 63486
Date : 05/09/2001 09:31 AM
Time of Injection: 05/08/2001 08:35 PM
Low Point : 5.25 mV
Plot Scale: 434.9 mV
End Time : 31.91 min
Plot Offset: 5 mV
High Point : 440.18 mV

Page 1 of 1

SB-2C; 0-0.5



Chromatogram

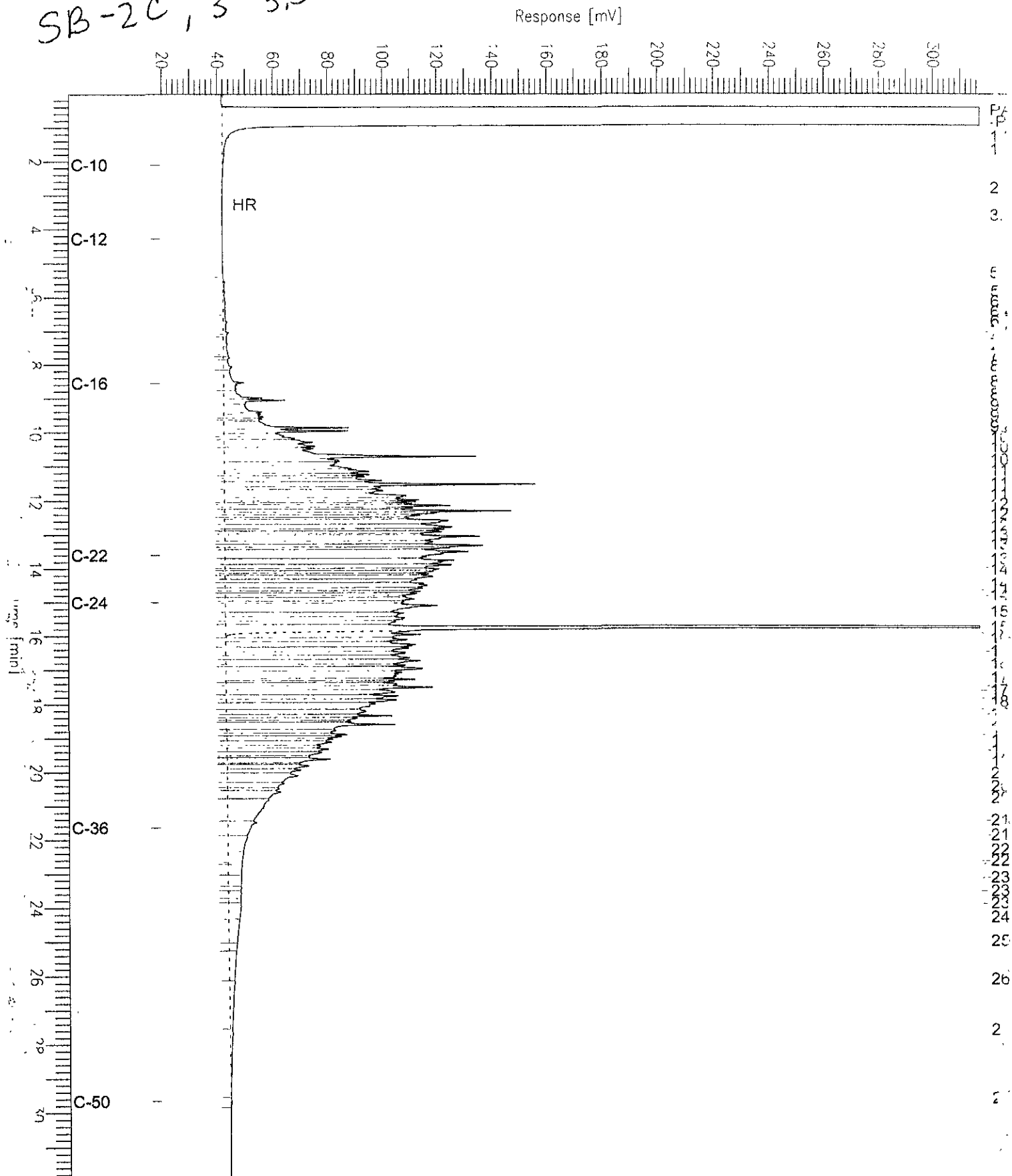
Sample Name : 151795-067sg,63486
FltName : G:\GC11\CHA\126A070.RAW
Method : ATEH097.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 31.91 min
Plot Offset: 20 mV

Sample #: 63486
Date : 5/9/01 07:14 AM
Time of Injection: 5/9/01 02:52 AM
Low Point : 19.55 mV
High Point : 317.15 mV
Plot Scale: 297.6 mV

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SB-2C, 3-3.5



Chromatogram

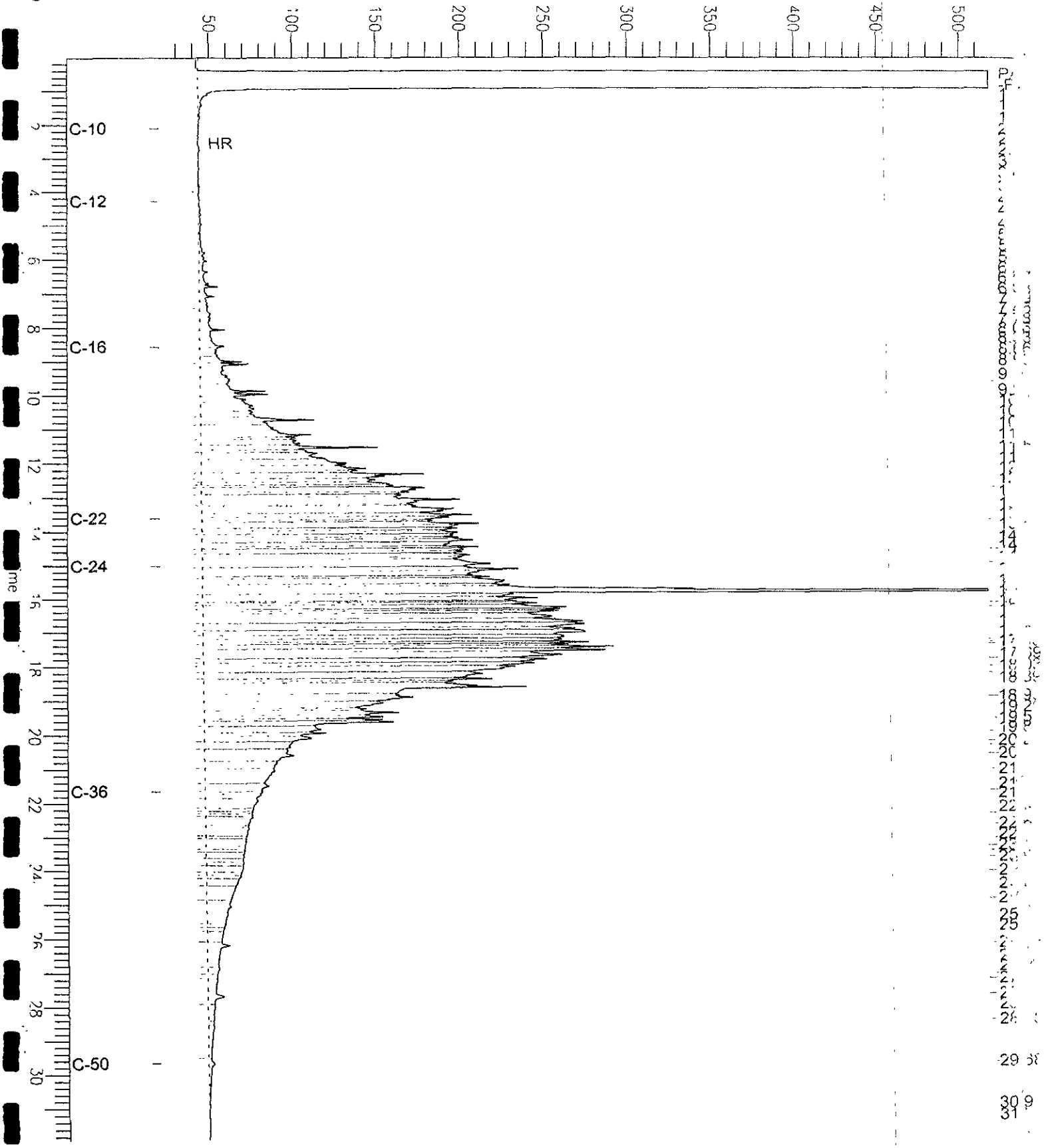
Sample Name : 151795-068sg, 63486
File Name : G:\GC11\CHA\126A074.RAW
Method : ATEH097.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 31.91 min
Plot Offset : 20 mV

Sample #: 63486
Date : 5/9/01 07:18 AM
Time of Injection: 5/9/01 05:33 AM
Low Point : 20.28 mV
High Point : 518.38 mV
Plot Scale: 498.1 mV

SB-1B, 1-1.5

Response [mV]



Chromatogram

Sample Name : ccv,01ws0904,dsl
FileName : G:\GC11\CHA\126A002.RAW
Method : ATEH097.MTH
Start Time : 0.01 min
Scale Factor : 0.0

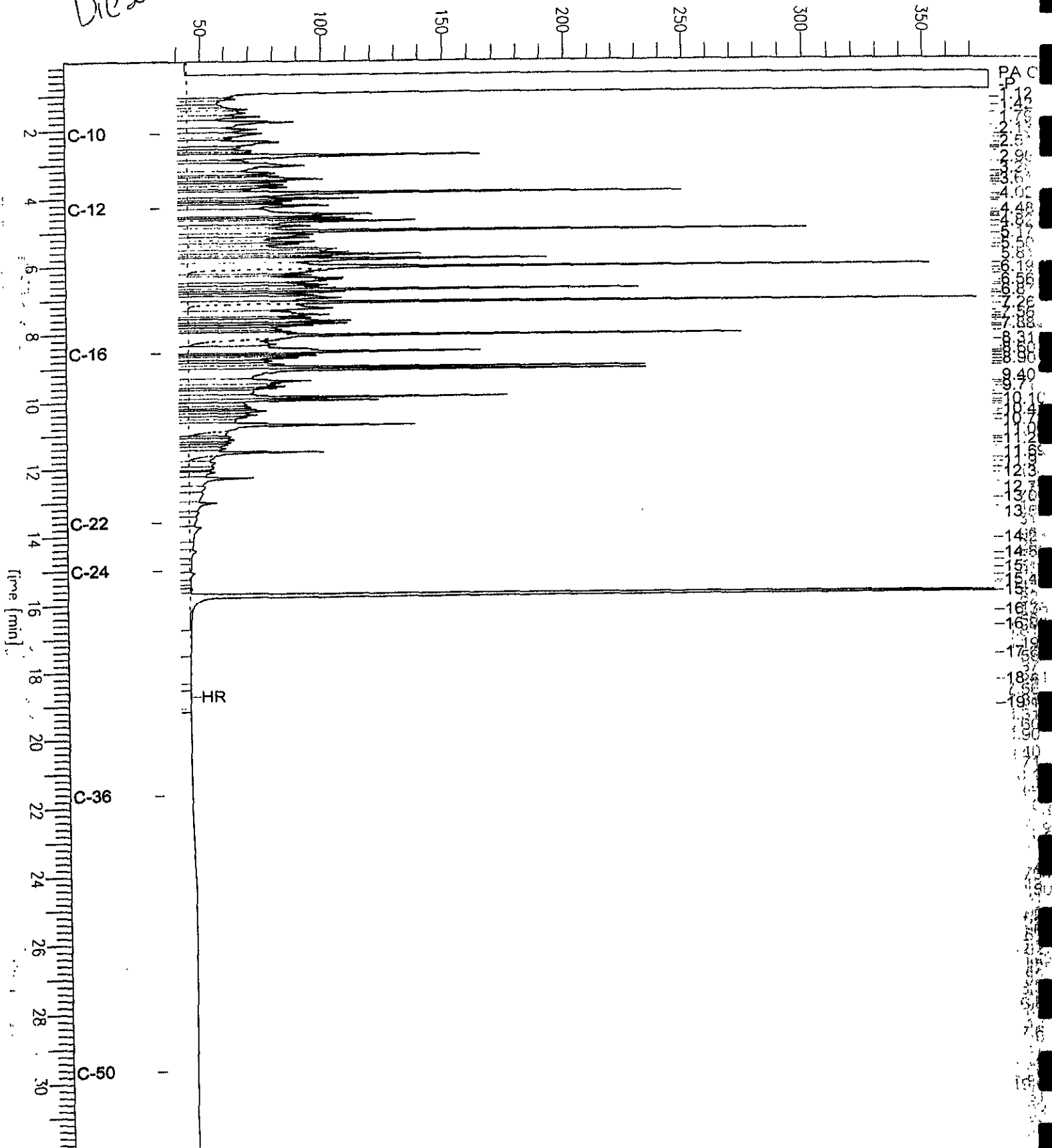
End Time : 31.91 min
Plot Offset : 33 mV

Sample #: 500mg/L
Date : 5/6/01 05:39 PM
Time of Injection: 5/6/01 04:53 PM
Low Point : 32.87 mV
Plot Scale: 345.3 mV

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Diesel

Response [mV]



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Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144892	Batch#:	63486
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/09/01
Basis:	wet		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	46.70	31.10	67	67-121

Surrogate	%REC	Limits
Hexacosane	70	60-136

Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC145072	Batch#:	63538
Matrix:	Soil	Prepared:	05/09/01
Units:	mg/Kg	Analyzed:	05/13/01
Basis:	wet		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	46.99	44.82	95	67-121

Surrogate	%REC	Limits
Hexacosane	107	60-136

Total Extractable Hydrocarbons

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015M
Field ID:	SB-2;1-1.5	Diln Fac:	1.000
MSS Lab ID:	151795-056	Batch#:	63538
Matrix:	Soil	Sampled:	05/01/01
Units:	mg/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/09/01

Type: MS Analyzed: 05/13/01
 Lab ID: QC145073 Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	3.214	47.20	45.47	90	35-146

Surrogate	%REC	Limits
Hexacosane	98	60-136

Type: MSD Analyzed: 05/11/01
 Lab ID: QC145074 Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	46.41	32.21	62	35-146	33	48

Surrogate	%REC	Limits
Hexacosane	78	60-136

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4	Sampled:	05/02/01
Lab ID:	151795-072	Received:	05/03/01
Matrix:	Water	Analyzed:	05/07/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#
Freon 12	ND	10	1.000	63457
Chloromethane	ND	10	1.000	63457
Vinyl Chloride	11	10	1.000	63457
Bromomethane	ND	10	1.000	63457
Chloroethane	ND	10	1.000	63457
Trichlorofluoromethane	ND	5.0	1.000	63457
Acetone	ND	20	1.000	63457
Freon 113	ND	5.0	1.000	63457
1,1-Dichloroethene	8.9	5.0	1.000	63457
Methylene Chloride	ND	20	1.000	63457
Carbon Disulfide	ND	5.0	1.000	63457
MTBE	ND	5.0	1.000	63457
trans-1,2-Dichloroethene	35	5.0	1.000	63457
Vinyl Acetate	ND	50	1.000	63457
1,1-Dichloroethane	ND	5.0	1.000	63457
2-Butanone	ND	10	1.000	63457
cis-1,2-Dichloroethene	470	31	6.250	63462
2,2-Dichloropropane	ND	5.0	1.000	63457
Chloroform	ND	5.0	1.000	63457
Bromochloromethane	ND	10	1.000	63457
1,1,1-Trichloroethane	ND	5.0	1.000	63457
1,1-Dichloropropene	ND	5.0	1.000	63457
Carbon Tetrachloride	ND	5.0	1.000	63457
1,2-Dichloroethane	ND	5.0	1.000	63457
Benzene	ND	5.0	1.000	63457
Trichloroethene	300	31	6.250	63462
1,2-Dichloropropane	ND	5.0	1.000	63457
Bromodichloromethane	ND	5.0	1.000	63457
Dibromomethane	ND	5.0	1.000	63457
4-Methyl-2-Pentanone	ND	10	1.000	63457
cis-1,3-Dichloropropene	ND	5.0	1.000	63457
Toluene	ND	5.0	1.000	63457
trans-1,3-Dichloropropene	ND	5.0	1.000	63457
1,1,2-Trichloroethane	ND	5.0	1.000	63457
2-Hexanone	ND	10	1.000	63457
1,3-Dichloropropane	ND	5.0	1.000	63457
Tetrachloroethene	ND	5.0	1.000	63457
Dibromochloromethane	ND	5.0	1.000	63457

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4	Sampled:	05/02/01
Lab ID:	151795-072	Received:	05/03/01
Matrix:	Water	Analyzed:	05/07/01
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#
1,2-Dibromoethane	ND	5.0	1.000	63457
Chlorobenzene	ND	5.0	1.000	63457
1,1,1,2-Tetrachloroethane	ND	5.0	1.000	63457
Ethylbenzene	ND	5.0	1.000	63457
m,p-Xylenes	ND	5.0	1.000	63457
o-Xylene	ND	5.0	1.000	63457
Styrene	ND	5.0	1.000	63457
Bromoform	ND	5.0	1.000	63457
Isopropylbenzene	ND	5.0	1.000	63457
1,1,2,2-Tetrachloroethane	ND	5.0	1.000	63457
1,2,3-Trichloropropane	ND	5.0	1.000	63457
Propylbenzene	ND	5.0	1.000	63457
Bromobenzene	ND	5.0	1.000	63457
1,3,5-Trimethylbenzene	ND	5.0	1.000	63457
2-Chlorotoluene	ND	5.0	1.000	63457
4-Chlorotoluene	ND	5.0	1.000	63457
tert-Butylbenzene	ND	5.0	1.000	63457
1,2,4-Trimethylbenzene	ND	5.0	1.000	63457
sec-Butylbenzene	ND	5.0	1.000	63457
para-Isopropyl Toluene	ND	5.0	1.000	63457
1,3-Dichlorobenzene	ND	5.0	1.000	63457
1,4-Dichlorobenzene	ND	5.0	1.000	63457
n-Butylbenzene	ND	5.0	1.000	63457
1,2-Dichlorobenzene	ND	5.0	1.000	63457
1,2-Dibromo-3-Chloropropane	ND	5.0	1.000	63457
1,2,4-Trichlorobenzene	ND	5.0	1.000	63457
Hexachlorobutadiene	ND	5.0	1.000	63457
Naphthalene	ND	5.0	1.000	63457
1,2,3-Trichlorobenzene	ND	5.0	1.000	63457

Surrogate	%REC	Limits	Diln Fac	Batch#
Dibromofluoromethane	92	80-122	1.000	63457
1,2-Dichloroethane-d4	92	78-123	1.000	63457
Toluene-d8	99	80-110	1.000	63457
Bromofluorobenzene	96	80-115	1.000	63457

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5	Batch#:	63457
Lab ID:	151795-073	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Analyzed:	05/07/01
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5	Batch#:	63457
Lab ID:	151795-073	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Analyzed:	05/07/01
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-122
1,2-Dichloroethane-d4	96	78-123
Toluene-d8	101	80-110
Bromofluorobenzene	103	80-115

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144779	Batch#:	63457
Matrix:	Water	Analyzed:	05/06/01
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
2-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND = Not Detected

RL = Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144779	Batch#:	63457
Matrix:	Water	Analyzed:	05/06/01
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-122
1,2-Dichloroethane-d4	90	78-123
Toluene-d8	101	80-110
Bromofluorobenzene	98	80-115

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144795	Batch#:	63462
Matrix:	Water	Analyzed:	05/07/01
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144795	Batch#:	63462
Matrix:	Water	Analyzed:	05/07/01
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-122
1,2-Dichloroethane-d4	101	78-123
Toluene-d8	102	80-110
Bromofluorobenzene	99	80-115

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	63457
Units:	ug/L	Analyzed:	05/06/01
Diln Fac:	1.000		

Type: BS Lab ID: QC144777

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	46.20	92	74-132
Benzene	50.00	44.77	90	80-116
Trichloroethene	50.00	48.03	96	80-119
Toluene	50.00	48.32	97	80-120
Chlorobenzene	50.00	46.23	92	80-117

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-122
1,2-Dichloroethane-d4	88	78-123
Toluene-d8	102	80-110
Bromofluorobenzene	97	80-115

Type: BSD Lab ID: QC144778

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	42.78	86	74-132	8	20
Benzene	50.00	44.38	89	80-116	1	20
Trichloroethene	50.00	46.88	94	80-119	2	20
Toluene	50.00	46.56	93	80-120	4	20
Chlorobenzene	50.00	45.63	91	80-117	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-122
1,2-Dichloroethane-d4	88	78-123
Toluene-d8	99	80-110
Bromofluorobenzene	100	80-115

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	63462
Units:	ug/L	Analyzed:	05/07/01
Diln Fac:	1.000		

Type: BS Lab ID: QC144793

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	46.85	94	74-132
Benzene	50.00	46.74	93	80-116
Trichloroethene	50.00	48.45	97	80-119
Toluene	50.00	48.65	97	80-120
Chlorobenzene	50.00	47.28	95	80-117

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-122
1,2-Dichloroethane-d4	97	78-123
Toluene-d8	102	80-110
Bromofluorobenzene	98	80-115

Type: BSD Lab ID: QC144794

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	44.29	89	74-132	6	20
Benzene	50.00	45.04	90	80-116	4	20
Trichloroethene	50.00	47.00	94	80-119	3	20
Toluene	50.00	47.97	96	80-120	1	20
Chlorobenzene	50.00	45.86	92	80-117	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-122
1,2-Dichloroethane-d4	98	78-123
Toluene-d8	106	80-110
Bromofluorobenzene	99	80-115

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A1;1.5-2	Diln Fac:	0.9259
Lab ID:	151795-002	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A1;1.5-2	Diln Fac:	0.9259
Lab ID:	151795-002	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	MREC Limits	
Dibromofluoromethane	102	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	99	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A2;1-1.5	Diln Fac:	1.000
Lab ID:	151795-003	Batch#:	63466
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

D= Not Detected

L= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A2;1-1.5	Diln Fac:	1.000
Lab ID:	151795-003	Batch#:	63466
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	100	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;0.5-1	Diln Fac:	1.000
Lab ID:	151795-004	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;0.5-1	Diln Fac:	1.000
Lab ID:	151795-004	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	WREC	Limits
Dibromofluoromethane	102	63-133
1,2-Dichloroethane-d4	101	76-127
Toluene-d8	97	80-111
Bromofluorobenzene	99	77-126

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A4;1.0-1.5	Diln Fac:	0.9259
Lab ID:	151795-005	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected
RL= Reporting Limit
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**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A4;1.0-1.5	Diln Fac:	0.9259
Lab ID:	151795-005	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	REC	Limits
Dibromofluoromethane	101	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	97	80-111
Bromofluorobenzene	100	77-126

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B1;1-1.5	Diln Fac:	0.9804
Lab ID:	151795-007	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B1;1-1.5	Diln Fac:	0.9804
Lab ID:	151795-007	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	WREC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	104	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	99	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B2;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-008	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

L= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B2;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-008	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	REC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	100	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B3;1.5-2	Diln Fac:	0.9259
Lab ID:	151795-009	Batch#:	63466
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	43	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B3;1.5-2	Diln Fac:	0.9259
Lab ID:	151795-009	Batch#:	63466
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	MREC	Limits
Dibromofluoromethane	106	63-133
1,2-Dichloroethane-d4	102	76-127
Toluene-d8	97	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B4;0-0.5	Diln Fac:	0.9434
Lab ID:	151795-010	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

L= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B4;0-0.5	Diln Fac:	0.9434
Lab ID:	151795-010	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	PREC	Limits
Dibromofluoromethane	104	63-133
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C1;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-012	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	16	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C1;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-012	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	4.8	4.7
m,p-Xylenes	21	4.7
o-Xylene	8.2	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	WREC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	99	76-127
Toluene-d8	97	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C2;0.25-0.75	Diln Fac:	1.000
Lab ID:	151795-013	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

D= Not Detected

L= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C2;0.25-0.75	Diln Fac:	1.000
Lab ID:	151795-013	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	WREC	Limits
Dibromofluoromethane	104	63-133
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	95	80-111
Bromofluorobenzene	102	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C3;1-1.5	Diln Fac:	1.020
Lab ID:	151795-014	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C3;1-1.5	Diln Fac:	1.020
Lab ID:	151795-014	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	99	76-127
Toluene-d8	97	80-111
Bromofluorobenzene	101	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C4;1-1.5	Diln Fac:	1.020
Lab ID:	151795-015	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	48	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C4;1-1.5	Diln Fac:	1.020
Lab ID:	151795-015	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	IREC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	104	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	98	77-126

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D1;0.5-1	Diln Fac:	1.020
Lab ID:	151795-018	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D1;0.5-1	Diln Fac:	1.020
Lab ID:	151795-018	Batch#:	63433
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	9.4	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	102	76-127
Toluene-d8	95	80-111
Bromofluorobenzene	100	77-126

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D2;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-019	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	47	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	43	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D2;1-1.5	Diln Fac:	0.9434
Lab ID:	151795-019	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	103	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	100	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D3;1.5-2	Diln Fac:	2.000
Lab ID:	151795-020	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	20
Chloromethane	ND	20
Vinyl Chloride	ND	20
Bromomethane	ND	20
Chloroethane	ND	20
Trichlorofluoromethane	ND	10
Acetone	66	40
Freon 113	ND	10
1,1-Dichloroethene	ND	10
Methylene Chloride	ND	40
Carbon Disulfide	ND	10
MTBE	ND	10
trans-1,2-Dichloroethene	ND	10
Vinyl Acetate	ND	100
1,1-Dichloroethane	ND	10
2-Butanone	ND	20
cis-1,2-Dichloroethene	ND	10
2,2-Dichloropropane	ND	10
Chloroform	ND	10
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	10
1,1-Dichloropropene	ND	10
Carbon Tetrachloride	ND	10
1,2-Dichloroethane	ND	10
Benzene	ND	10
Trichloroethene	ND	10
1,2-Dichloropropane	ND	10
Bromodichloromethane	ND	10
Dibromomethane	ND	10
4-Methyl-2-Pentanone	ND	20
cis-1,3-Dichloropropene	ND	10
Toluene	ND	10
trans-1,3-Dichloropropene	ND	10
1,1,2-Trichloroethane	ND	10
2-Hexanone	ND	20
1,3-Dichloropropane	ND	10
Tetrachloroethene	ND	10

ND= Not Detected
 RL= Reporting Limit
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Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D3;1.5-2	Diln Fac:	2.000
Lab ID:	151795-020	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	10
1,2-Dibromoethane	ND	10
Chlorobenzene	ND	10
1,1,1,2-Tetrachloroethane	ND	10
Ethylbenzene	ND	10
m,p-Xylenes	ND	10
o-Xylene	ND	10
Styrene	ND	10
Bromoform	ND	10
Isopropylbenzene	ND	10
1,1,2,2-Tetrachloroethane	ND	10
1,2,3-Trichloropropane	ND	10
Propylbenzene	ND	10
Bromobenzene	ND	10
1,3,5-Trimethylbenzene	ND	10
2-Chlorotoluene	ND	10
4-Chlorotoluene	ND	10
tert-Butylbenzene	ND	10
1,2,4-Trimethylbenzene	ND	10
sec-Butylbenzene	11	10
para-Isopropyl Toluene	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
n-Butylbenzene	17	10
1,2-Dichlorobenzene	ND	10
1,2-Dibromo-3-Chloropropane	ND	10
1,2,4-Trichlorobenzene	ND	10
Hexachlorobutadiene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10

Surrogate	%REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	93	76-127
Toluene-d8	102	80-111
Bromofluorobenzene	95	77-126



Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D4;0.5-1	Diln Fac:	0.9804
Lab ID:	151795-021	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D4;0.5-1	Diln Fac:	0.9804
Lab ID:	151795-021	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	REC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	104	80-111
Bromofluorobenzene	104	77-126

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E1;0.5-1	Diln Fac:	0.9434
Lab ID:	151795-023	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E1;0.5-1	Diln Fac:	0.9434
Lab ID:	151795-023	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	104	80-111
Bromofluorobenzene	105	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E2;1.5-2	Diln Fac:	0.9615
Lab ID:	151795-024	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E2;1.5-2	Diln Fac:	0.9615
Lab ID:	151795-024	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	102	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	105	80-111
Bromofluorobenzene	106	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E3;0-0.5	Diln Fac:	0.9434
Lab ID:	151795-025	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E3;0-0.5	Diln Fac:	0.9434
Lab ID:	151795-025	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	106	63-133
1,2-Dichloroethane-d4	101	76-127
Toluene-d8	103	80-111
Bromofluorobenzene	107	77-126

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E4;0.5-1	Diln Fac:	0.9434
Lab ID:	151795-026	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E4;0.5-1	Diln Fac:	0.9434
Lab ID:	151795-026	Batch#:	63440
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	104	80-111
Bromofluorobenzene	108	77-126

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A1;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-029	Batch#:	63461
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	19	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethane	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A1;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-029	Batch#:	63461
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	92	63-133
1,2-Dichloroethane-d4	91	76-127
Toluene-d8	102	80-111
Bromofluorobenzene	100	77-126



Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-031	Batch#:	63440
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-031	Batch#:	63440
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	103	63-133
1,2-Dichloroethane-d4	99	76-127
Toluene-d8	105	80-111
Bromofluorobenzene	106	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B1;4.5-5	Diln Fac:	1.020
Lab ID:	151795-034	Batch#:	63440
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B1;4.5-5	Diln Fac:	1.020
Lab ID:	151795-034	Batch#:	63440
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	101	76-127
Toluene-d8	104	80-111
Bromofluorobenzene	105	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B3;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-036	Batch#:	63461
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	28	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-B3;4.5-5	Diln Fac:	0.9615
Lab ID:	151795-036	Batch#:	63461
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	92	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	96	77-126



Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C1;4.5-5	Diln Fac:	0.9434
Lab ID:	151795-039	Batch#:	63440
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C1;4.5-5	Diln Fac:	0.9434
Lab ID:	151795-039	Batch#:	63440
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	REC Limits	
Dibromofluoromethane	104	63-133
1,2-Dichloroethane-d4	97	76-127
Toluene-d8	105	80-111
Bromofluorobenzene	105	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C3;4.5-5	Diln Fac:	1.020
Lab ID:	151795-041	Batch#:	63440
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

L= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-C3;4.5-5	Diln Fac:	1.020
Lab ID:	151795-041	Batch#:	63440
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	REC Limits	
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	102	76-127
Toluene-d8	105	80-111
Bromofluorobenzene	107	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D1;4.5-5	Diln Fac:	1.000
Lab ID:	151795-044	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	80	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	15	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D1;4.5-5	Diln Fac:	1.000
Lab ID:	151795-044	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	REC	Limits
Dibromofluoromethane	90	63-133
1,2-Dichloroethane-d4	93	76-127
Toluene-d8	100	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D3;4.5-5	Diln Fac:	0.9259
Lab ID:	151795-046	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	31	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-D3;4.5-5	Diln Fac:	0.9259
Lab ID:	151795-046	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	92	76-127
Toluene-d8	100	80-111
Bromofluorobenzene	99	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E1;4.5-5	Diln Fac:	0.9804
Lab ID:	151795-049	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E1;4.5-5	Diln Fac:	0.9804
Lab ID:	151795-049	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	94	76-127
Toluene-d8	102	80-111
Bromofluorobenzene	99	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E3-4.5-5	Diln Fac:	1.000
Lab ID:	151795-051	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-E3-4.5-5	Diln Fac:	1.000
Lab ID:	151795-051	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	95	63-133
1,2-Dichloroethane-d4	92	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	97	77-126



Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4;1-1.5	Diln Fac:	0.9615
Lab ID:	151795-060	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4;1-1.5	Diln Fac:	0.9615
Lab ID:	151795-060	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	94	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4;4.5-5	Diln Fac:	0.9434
Lab ID:	151795-061	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	90	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	16	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4;4.5-5	Diln Fac:	0.9434
Lab ID:	151795-061	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	IREC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	94	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	100	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5;0.5-1.0	Diln Fac:	1.020
Lab ID:	151795-062	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

**Purgeable organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5;0.5-1.0	Diln Fac:	1.020
Lab ID:	151795-062	Batch#:	63461
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	REC	Limits
Dibromofluoromethane	94	63-133
1,2-Dichloroethane-d4	95	76-127
Toluene-d8	102	80-111
Bromofluorobenzene	99	77-126

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5;4-4.5	Diln Fac:	0.9804
Lab ID:	151795-063	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5;4-4.5	Diln Fac:	0.9804
Lab ID:	151795-063	Batch#:	63466
Matrix:	Soil	Sampled:	05/03/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	IRSC	Limits
Dibromofluoromethane	104	63-133
1,2-Dichloroethane-d4	102	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	96	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144704	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63433
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144704	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63433
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	REC	Limits
Dibromofluoromethane	102	63-133
1,2-Dichloroethane-d4	103	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	100	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144721	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63440
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected

RL= Reporting Limit

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144721	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63440
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	IREC	Limits
Dibromofluoromethane	102	63-133
1,2-Dichloroethane-d4	97	76-127
Toluene-d8	102	80-111
Bromofluorobenzene	104	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144791	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63461
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144791	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63461
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	REC	Limits
Dibromofluoromethane	93	63-133
1,2-Dichloroethane-d4	94	76-127
Toluene-d8	100	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144792	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63461
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
 RL= Reporting Limit
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Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144792	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63461
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	92	63-133
1,2-Dichloroethane-d4	92	76-127
Toluene-d8	100	80-111
Bromofluorobenzene	98	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144813	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63466
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
 L= Reporting Limit
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**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	wet
Lab ID:	QC144813	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63466
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	63-133
1,2-Dichloroethane-d4	99	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	96	77-126

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	wet
Lab ID:	QC144703	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63433
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	51.24	102	66-138
Benzene	50.00	45.93	92	76-121
Trichloroethene	50.00	44.89	90	75-124
Toluene	50.00	46.88	94	75-124
Chlorobenzene	50.00	45.40	91	78-115

Surrogate	%REC	Limits
Dibromofluoromethane	101	63-133
1,2-Dichloroethane-d4	99	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	95	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	wet
Lab ID:	QC144720	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63440
Units:	ug/Kg	Analyzed:	05/04/01

Analyte	Spiked	Result	IREC	Limits
1,1-Dichloroethene	50.00	50.37	101	66-138
Benzene	50.00	45.99	92	76-121
Trichloroethene	50.00	49.48	99	75-124
Toluene	50.00	49.38	99	75-124
Chlorobenzene	50.00	47.17	94	78-115

Surrogate	IREC	Limits
Dibromofluoromethane	100	63-133
1,2-Dichloroethane-d4	94	76-127
Toluene-d8	103	80-111
Bromofluorobenzene	97	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	wet
Lab ID:	QC144790	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63461
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	44.93	90	66-138
Benzene	50.00	43.57	87	76-121
Trichloroethene	50.00	46.08	92	75-124
Toluene	50.00	46.43	93	75-124
Chlorobenzene	50.00	45.99	92	78-115

Surrogate	%REC	Limits
Dibromofluoromethane	92	63-133
1,2-Dichloroethane-d4	91	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	93	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	wet
Lab ID:	QC144812	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63466
Units:	ug/Kg	Analyzed:	05/07/01

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	49.29	99	66-138
Benzene	50.00	45.11	90	76-121
Trichloroethene	50.00	46.34	93	75-124
Toluene	50.00	45.44	91	75-124
Chlorobenzene	50.00	45.57	91	78-115

Surrogate	%REC	Limits
Dibromofluoromethane	104	63-133
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	93	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;0.5-1	Diln Fac:	1.000
MSS Lab ID:	151795-004	Batch#:	63433
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/04/01

Type: MS Lab ID: QC144722

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5300	50.00	46.40	93	42-145
Benzene	<0.6100	50.00	39.95	80	50-133
Trichloroethene	<0.5800	50.00	40.32	81	33-133
Toluene	<0.6500	50.00	39.63	79	45-134
Chlorobenzene	<0.3500	50.00	37.05	74	38-137

Surrogate	%REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	101	76-127
Toluene-d8	96	80-111
Bromofluorobenzene	94	77-126

Type: MSD Lab ID: QC144723

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	45.80	92	42-145	1	31
Benzene	50.00	39.79	80	50-133	0	29
Trichloroethene	50.00	39.76	80	33-133	1	30
Toluene	50.00	39.30	79	45-134	1	29
Chlorobenzene	50.00	36.96	74	38-137	0	31

Surrogate	%REC	Limits
Dibromofluoromethane	105	63-133
1,2-Dichloroethane-d4	101	76-127
Toluene-d8	98	80-111
Bromofluorobenzene	94	77-126

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	RN-A3;4.5-5	Diln Fac:	0.9615
MSS Lab ID:	151795-031	Batch#:	63440
Matrix:	Soil	Sampled:	05/01/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/05/01

Type: MS Lab ID: QC144724

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	ND	48.08	41.40	86	42-145
Benzene	ND	48.08	39.18	81	50-133
Trichloroethene	ND	48.08	40.16	84	33-133
Toluene	ND	48.08	40.69	85	45-134
Chlorobenzene	ND	48.08	36.24	75	38-137

Surrogate	%REC	Limits
Dibromofluoromethane	94	63-133
1,2-Dichloroethane-d4	88	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	97	77-126

Type: MSD Lab ID: QC144725

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.08	39.24	82	42-145	5	31
Benzene	48.08	37.26	78	50-133	5	29
Trichloroethene	48.08	37.73	78	33-133	6	30
Toluene	48.08	38.70	80	45-134	5	29
Chlorobenzene	48.08	33.68	70	38-137	7	31

Surrogate	%REC	Limits
Dibromofluoromethane	92	63-133
1,2-Dichloroethane-d4	88	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	97	77-126

ND= Not Detected

RPD= Relative Percent Difference

**Purgeable Organics by GC/MS**

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	151770-003	Batch#:	63461
Matrix:	Soil	Sampled:	05/02/01
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/07/01

Type: MS Lab ID: QC144810

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	ND	47.17	42.37	90	42-145
Benzene	ND	47.17	41.30	88	50-133
Trichloroethene	ND	47.17	55.28	117	33-133
Toluene	ND	47.17	43.38	92	45-134
Chlorobenzene	ND	47.17	43.26	92	38-137

Surrogate	%REC	Limits
Dibromofluoromethane	91	63-133
1,2-Dichloroethane-d4	88	76-127
Toluene-d8	100	80-111
Bromofluorobenzene	93	77-126

Type: MSD Lab ID: QC144811

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	47.17	41.86	89	42-145	1	31
Benzene	47.17	41.30	88	50-133	0	29
Trichloroethene	47.17	56.03	119	33-133	1	30
Toluene	47.17	44.26	94	45-134	2	29
Chlorobenzene	47.17	42.28	90	38-137	2	31

Surrogate	%REC	Limits
Dibromofluoromethane	90	63-133
1,2-Dichloroethane-d4	89	76-127
Toluene-d8	101	80-111
Bromofluorobenzene	94	77-126

ND= Not Detected

RPD= Relative Percent Difference

Purgeable Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 5030
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	151755-005	Batch#:	63466
Matrix:	Soil	Sampled:	04/30/01
Units:	ug/Kg	Received:	05/01/01
Basis:	wet	Analyzed:	05/09/01

Type: MS Lab ID: QC144839

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5300	50.00	48.43	97	42-145
Benzene	<0.6100	50.00	40.61	81	50-133
Trichloroethene	<0.5800	50.00	44.66	89	33-133
Toluene	<0.6500	50.00	41.27	83	45-134
Chlorobenzene	<0.3500	50.00	39.58	79	38-137

Surrogate	%REC	Limits
Dibromofluoromethane	106	63-133
1,2-Dichloroethane-d4	103	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	94	77-126

Type: MSD Lab ID: QC144840

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	48.85	98	42-145	1	31
Benzene	50.00	41.02	82	50-133	1	29
Trichloroethene	50.00	44.12	88	33-133	1	30
Toluene	50.00	41.10	82	45-134	0	29
Chlorobenzene	50.00	39.11	78	38-137	1	31

Surrogate	%REC	Limits
Dibromofluoromethane	106	63-133
1,2-Dichloroethane-d4	104	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	95	77-126



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2	Batch#:	63470
Lab ID:	151795-069	Sampled:	05/01/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/09/01

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.7
Phenol	ND	9.7
bis(2-Chloroethyl) ether	ND	9.7
2-Chlorophenol	ND	9.7
1,3-Dichlorobenzene	ND	9.7
1,4-Dichlorobenzene	ND	9.7
Benzyl alcohol	ND	9.7
1,2-Dichlorobenzene	ND	9.7
3-Methylphenol	ND	9.7
bis(2-Chloroisopropyl) ether	ND	9.7
3-,4-Methylphenol	ND	9.7
N-Nitroso-di-n-propylamine	ND	9.7
Hexachloroethane	ND	9.7
Nitrobenzene	ND	9.7
Isophorone	ND	9.7
2-Nitrophenol	ND	49
2,4-Dimethylphenol	ND	9.7
Benzoic acid	ND	49
bis(2-Chloroethoxy) methane	ND	9.7
2,4-Dichlorophenol	ND	9.7
1,2,4-Trichlorobenzene	ND	9.7
Naphthalene	ND	9.7
4-Chloroaniline	ND	9.7
Hexachlorobutadiene	ND	9.7
4-Chloro-3-methylphenol	ND	9.7
2-Methylnaphthalene	ND	9.7
Hexachlorocyclopentadiene	ND	49
2,4,6-Trichlorophenol	ND	9.7
2,4,5-Trichlorophenol	ND	9.7
1-Chloronaphthalene	ND	9.7
4-Nitroaniline	ND	49
Dimethylphthalate	ND	9.7
Acenaphthylene	ND	9.7
2,6-Dinitrotoluene	ND	9.7
4-Nitroaniline	ND	49
Acenaphthene	ND	9.7
2,4-Dinitrophenol	ND	49
4-Nitrophenol	ND	49
Pibenzofuran	ND	9.7
2,4-Dinitrotoluene	ND	9.7
Diethylphthalate	ND	9.7
Fluorene	ND	9.7
4-Chlorophenyl-phenylether	ND	9.7
4-Nitroaniline	ND	49
2,6-Dinitro-2-methylphenol	ND	49
N-Nitrosodiphenylamine	ND	9.7
Azobenzene	ND	9.7
1-Bromophenyl-phenylether	ND	9.7
Hexachlorobenzene	ND	9.7
Pentachlorophenol	ND	49
Phenanthrene	ND	9.7
Anthracene	ND	9.7
Di-n-butylphthalate	ND	9.7
Fluoranthene	ND	9.7
Pyrene	ND	9.7

ND = Not Detected
 RL = Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2	Batch#:	63470
Lab ID:	151795-069	Sampled:	05/01/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/09/01

Analyte	Result	RL
Butylbenzylphthalate	ND	9.7
3,3'-Dichlorobenzidine	ND	49
Benzo(a)anthracene	ND	9.7
Chrysene	ND	9.7
bis(2-Ethylhexyl)phthalate	ND	9.7
Di-n-octylphthalate	ND	9.7
Benzo(b)fluoranthene	ND	9.7
Benzo(k)fluoranthene	ND	9.7
Benzo(a)pyrene	ND	9.7
Indeno(1,2,3-cd)pyrene	ND	9.7
Dibenz(a,h)anthracene	ND	9.7
Benzo(a,h,i)perylene	ND	9.7

Surrogate	%REC	Limits
2-Fluorophenol	75	17-119
Phenol-d5	92	18-129
2,4,6-Tribromophenol	104	19-136
Nitrobenzene-d5	92	34-126
2-Fluorobiphenyl	72	30-121
Terphenyl-d14	37	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1	Batch#:	63470
Lab ID:	151795-070	Sampled:	05/01/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	10.00	Analyzed:	05/11/01

Analyte	Result	RB
N-Nitrosodimethylamine	ND	94
Phenol	ND	94
bis(2-Chloroethyl) ether	ND	94
2-Chlorophenol	ND	94
1,3-Dichlorobenzene	ND	94
1,4-Dichlorobenzene	ND	94
Benzyl alcohol	ND	94
1,2-Dichlorobenzene	ND	94
2-Methylphenol	ND	94
bis(2-Chloroisopropyl) ether	ND	94
3-,4-Methylphenol	ND	94
N-Nitroso-di-n-propylamine	ND	94
Hexachloroethane	ND	94
Nitrobenzene	ND	94
Isophorone	ND	94
2-Nitrophenol	ND	470
2,4-Dimethylphenol	ND	94
Benzoic acid	ND	470
bis(2-Chloroethoxy)methane	ND	94
2,4-Dichlorophenol	ND	94
1,2,4-Trichlorobenzene	ND	94
Naphthalene	610	94
4-Chloroaniline	ND	94
Hexachlorobutadiene	ND	94
4-Chloro-3-methylphenol	ND	94
2-Methylnaphthalene	260	94
Hexachlorocyclopentadiene	ND	470
2,4,6-Trichlorophenol	ND	94
2,4,5-Trichlorophenol	ND	94
2-Chloronaphthalene	ND	94
2-Nitroaniline	ND	470
Dimethylphthalate	ND	94
Acenaphthylene	ND	94
2,6-Dinitrotoluene	ND	94
3-Nitroaniline	ND	470
Acenaphthene	ND	94
2,4-Dinitrophenol	ND	470
4-Nitrophenol	ND	470
Dibenzofuran	ND	94
2,4-Dinitrotoluene	ND	94
Diethylphthalate	ND	94
Fluorene	ND	94
4-Chlorophenyl-phenylether	ND	94
4-Nitroaniline	ND	470
4,6-Dinitro-2-methylphenol	ND	470
N-Nitrosodiphenylamine	ND	94
Azobenzene	ND	94
4-Bromophenyl-phenylether	ND	94
Hexachlorobenzene	ND	94
Pentachlorophenol	ND	470
Phenanthrene	ND	94
Anthracene	ND	94
Di-n-butylphthalate	ND	94
Fluoranthene	ND	94
Pyrene	ND	94

ND = Not Detected
 L = Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1	Batch#:	63470
Lab ID:	151795-070	Sampled:	05/01/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	10.00	Analyzed:	05/11/01

Analyte	Result	RL
Butylbenzylphthalate	ND	94
3,3'-Dichlorobenzidine	ND	470
Benzo(a)anthracene	ND	94
Chrysene	ND	94
bis(2-Ethylhexyl)phthalate	ND	94
Di-n-octylphthalate	ND	94
Benzo(b)fluoranthene	ND	94
Benzo(k)fluoranthene	ND	94
Benzo(a)pyrene	ND	94
Indeno(1,2,3-cd)pyrene	ND	94
Dibenz(a,h)anthracene	ND	94
Benzo(g,h,i)perylene	ND	94

Surrogate	%REC	Limits
2-Fluorophenol	58	17-119
Phenol-d5	79	18-129
2,4,6-Tribromophenol	86	19-136
Nitrobenzene-d5	83	34-126
2-Fluorobiphenyl	77	30-121
Terphenyl-d14	62	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A	Batch#:	63470
Lab ID:	151795-071	Sampled:	05/02/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.6
Phenol	ND	9.6
bis(2-Chloroethyl) ether	ND	9.6
2-Chlorophenol	ND	9.6
1,3-Dichlorobenzene	ND	9.6
1,4-Dichlorobenzene	ND	9.6
Benzyl alcohol	ND	9.6
1,2-Dichlorobenzene	ND	9.6
2-Methylphenol	ND	9.6
bis(2-Chloroisopropyl) ether	ND	9.6
3-,4-Methylphenol	ND	9.6
N-Nitroso-di-n-propylamine	ND	9.6
Hexachloroethane	ND	9.6
Nitrobenzene	ND	9.6
Isophorone	ND	9.6
2-Nitrophenol	ND	48
2,4-Dimethylphenol	ND	9.6
Benzoic acid	ND	48
bis(2-Chloroethoxy) methane	ND	9.6
2,4-Dichlorophenol	ND	9.6
1,2,4-Trichlorobenzene	ND	9.6
Naphthalene	170	9.6
4-Chloroaniline	ND	9.6
Hexachlorobutadiene	ND	9.6
4-Chloro-3-methylphenol	ND	9.6
2-Methylnaphthalene	130	9.6
Hexachlorocyclopentadiene	ND	48
2,4,6-Trichlorophenol	ND	9.6
2,4,5-Trichlorophenol	ND	9.6
2-Chloronaphthalene	ND	9.6
2-Nitroaniline	ND	48
Dimethylphthalate	ND	9.6
Acenaphthylene	ND	9.6
2,6-Dinitrotoluene	ND	9.6
3-Nitroaniline	ND	48
Acenaphthene	ND	9.6
2,4-Dinitrophenol	ND	48
4-Nitrophenol	ND	48
Dibenzofuran	ND	9.6
2,4-Dinitrotoluene	ND	9.6
Diethylphthalate	ND	9.6
Fluorene	ND	9.6
4-Chlorophenyl-phenylether	ND	9.6
4-Nitroaniline	ND	48
4,6-Dinitro-2-methylphenol	ND	48
N-Nitrosodiphenylamine	ND	9.6
Azobenzene	ND	9.6
4-Bromophenyl-phenylether	ND	9.6
Hexachlorobenzene	ND	9.6
Pentachlorophenol	ND	48
Phenanthrene	ND	9.6
Anthracene	ND	9.6
Di-n-butylphthalate	ND	9.6
Fluoranthene	ND	9.6
Pyrene	ND	9.6

D= Not Detected

L= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A	Batch#:	63470
Lab ID:	151795-071	Sampled:	05/02/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	RL
Butylbenzylphthalate	ND	9.6
3,3'-Dichlorobenzidine	ND	48
Benzo (a) anthracene	ND	9.6
Chrysene	ND	9.6
bis(2-Ethylhexyl) phthalate	ND	9.6
Di-n-octylphthalate	ND	9.6
Benzo (b) fluoranthene	ND	9.6
Benzo (k) fluoranthene	ND	9.6
Benzo (a) pyrene	ND	9.6
Indeno (1,2,3-cd) pyrene	ND	9.6
Dibenz (a,h) anthracene	ND	9.6
Benzo (g,h,i) perylene	ND	9.6

Surrogate	%REC	Limits
2-Fluorophenol	71	17-119
Phenol-d5	98	18-129
2,4,6-Tribromophenol	117	19-136
Nitrobenzene-d5	86	34-126
2-Fluorobiphenyl	89	30-121
Terphenyl-d14	90	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4	Batch#:	63470
Lab ID:	151795-072	Sampled:	05/02/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	Rt
N-Nitrosodimethylamine	ND	9.6
Phenol	ND	9.6
bis(2-Chloroethyl) ether	ND	9.6
2-Chlorophenol	ND	9.6
1,3-Dichlorobenzene	ND	9.6
1,4-Dichlorobenzene	ND	9.6
Benzyl alcohol	27	9.6
1,2-Dichlorobenzene	ND	9.6
2-Methylphenol	ND	9.6
bis(2-Chloroisopropyl) ether	ND	9.6
3-,4-Methylphenol	ND	9.6
N-Nitroso-di-n-propylamine	ND	9.6
Hexachloroethane	ND	9.6
Nitrobenzene	ND	9.6
Isophorone	ND	9.6
2-Nitrophenol	ND	48
2,4-Dimethylphenol	ND	9.6
Benzoic acid	ND	48
bis(2-Chloroethoxy) methane	ND	9.6
2,4-Dichlorophenol	ND	9.6
1,2,4-Trichlorobenzene	ND	9.6
Naphthalene	ND	9.6
4-Chloroaniline	ND	9.6
Hexachlorobutadiene	ND	9.6
4-Chloro-3-methylphenol	ND	9.6
2-Methylnaphthalene	ND	9.6
Hexachlorocyclopentadiene	ND	48
2,4,6-Trichlorophenol	ND	9.6
2,4,5-Trichlorophenol	ND	9.6
2-Chloronaphthalene	ND	9.6
2-Nitroaniline	ND	48
Dimethylphthalate	ND	9.6
Acenaphthylene	ND	9.6
2,6-Dinitrotoluene	ND	9.6
3-Nitroaniline	ND	48
Acenaphthene	ND	9.6
2,4-Dinitrophenol	ND	48
4-Nitrophenol	ND	48
Dibenzofuran	ND	9.6
2,4-Dinitrotoluene	ND	9.6
Diethylphthalate	ND	9.6
Fluorene	ND	9.6
4-Chlorophenyl-phenylether	ND	9.6
1-Nitroaniline	ND	48
2,6-Dinitro-2-methylphenol	ND	48
N-Nitrosodiphenylamine	ND	9.6
Azobenzene	ND	9.6
1-Bromophenyl-phenylether	ND	9.6
Hexachlorobenzene	ND	9.6
Pentachlorophenol	ND	48
Phenanthrene	ND	9.6
Anthracene	ND	9.6
Di-n-butylphthalate	ND	9.6
Fluoranthene	ND	9.6
Pyrene	ND	9.6

ND= Not Detected
 RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4	Batch#:	63470
Lab ID:	151795-072	Sampled:	05/02/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	RL
Butylbenzylphthalate	ND	9.6
3,3'-Dichlorobenzidine	ND	48
Benzo(a)anthracene	ND	9.6
Chrysene	ND	9.6
bis(2-Ethylhexyl)phthalate	ND	9.6
Di-n-octylphthalate	ND	9.6
Benzo(b)fluoranthene	ND	9.6
Benzo(k)fluoranthene	ND	9.6
Benzo(a)pyrene	ND	9.6
Indeno(1,2,3-cd)pyrene	ND	9.6
Dibenz(a,h)anthracene	ND	9.6
Benzo(g,h,i)perylene	ND	9.6

Surrogate	%REC	Limits
2-Fluorophenol	76	17-119
Phenol-d5	86	18-129
2,4,6-Tribromophenol	116	19-136
Nitrobenzene-d5	90	34-126
2-Fluorobiphenyl	99	30-121
Terphenyl-d14	69	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5	Batch#:	63470
Lab ID:	151795-073	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.7
Phenol	ND	9.7
bis(2-Chloroethyl) ether	ND	9.7
2-Chlorophenol	ND	9.7
1,3-Dichlorobenzene	ND	9.7
1,4-Dichlorobenzene	ND	9.7
Benzyl alcohol	ND	9.7
1,2-Dichlorobenzene	ND	9.7
2-Methylphenol	ND	9.7
bis(2-Chloroisopropyl) ether	ND	9.7
3-,4-Methylphenol	ND	9.7
N-Nitroso-di-n-propylamine	ND	9.7
Hexachloroethane	ND	9.7
Nitrobenzene	ND	9.7
Isophorone	ND	9.7
2-Nitrophenol	ND	49
2,4-Dimethylphenol	ND	9.7
Benzoic acid	ND	49
bis(2-Chloroethoxy)methane	ND	9.7
2,4-Dichlorophenol	ND	9.7
1,2,4-Trichlorobenzene	ND	9.7
Naphthalene	ND	9.7
4-Chloroaniline	ND	9.7
Hexachlorobutadiene	ND	9.7
4-Chloro-3-methylphenol	ND	9.7
2-Methylnaphthalene	ND	9.7
Hexachlorocyclopentadiene	ND	49
2,4,6-Trichlorophenol	ND	9.7
2,4,5-Trichlorophenol	ND	9.7
2-Chloronaphthalene	ND	9.7
2-Nitroaniline	ND	49
Dimethylphthalate	ND	9.7
Acenaphthylene	ND	9.7
2,6-Dinitrotoluene	ND	9.7
3-Nitroaniline	ND	49
Acenaphthene	ND	9.7
2,4-Dinitrophenol	ND	49
4-Nitrophenol	ND	49
Dibenzofuran	ND	9.7
2,4-Dinitrotoluene	ND	9.7
Diethylphthalate	ND	9.7
Fluorene	ND	9.7
4-Chlorophenyl-phenylether	ND	9.7
4-Nitroaniline	ND	49
4,6-Dinitro-2-methylphenol	ND	49
N-Nitrosodiphenylamine	ND	9.7
Azobenzene	ND	9.7
4-Bromophenyl-phenylether	ND	9.7
Hexachlorobenzene	ND	9.7
Pentachlorophenol	ND	49
Phenanthrene	ND	9.7
Anthracene	ND	9.7
Di-n-butylphthalate	ND	9.7
Fluoranthene	ND	9.7
Pyrene	ND	9.7

ND = Not Detected
 L = Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5	Batch#:	63470
Lab ID:	151795-073	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Analyte	Result	RL
Butylbenzylphthalate	ND	9.7
3,3'-Dichlorobenzidine	ND	49
Benzo (a) anthracene	ND	9.7
Chrysene	ND	9.7
bis(2-Ethylhexyl) phthalate	ND	9.7
Di-n-octylphthalate	ND	9.7
Benzo (b) fluoranthene	ND	9.7
Benzo (k) fluoranthene	ND	9.7
Benzo (a) pyrene	ND	9.7
Indeno (1,2,3-cd) pyrene	ND	9.7
Dibenz (a, h) anthracene	ND	9.7
Benzo (g, h, i) perylene	ND	9.7

Surrogate	%REC	Limits
2-Fluorophenol	77	17-119
Phenol-d5	87	18-129
2,4,6-Tribromophenol	124	19-136
Nitrobenzene-d5	99	34-126
2-Fluorobiphenyl	82	30-121
Terphenyl-d14	58	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144828	Batch#:	63470
Matrix:	Water	Prepared:	05/07/01
Units:	ug/L	Analyzed:	05/08/01

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl) ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
3-,4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	50
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	50
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	50
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	50
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	50
4-Nitrophenol	ND	50

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144828	Batch#:	63470
Matrix:	Water	Prepared:	05/07/01
Units:	ug/L	Analyzed:	05/08/01

Analyte	Result	RL
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	50
4,6-Dinitro-2-methylphenol	ND	50
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	50
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	50
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	74	17-119
Phenol-d5	79	18-129
2,4,6-Tribromophenol	117	19-136
Nitrobenzene-d5	91	34-126
2-Fluorobiphenyl	88	30-121
Terphenyl-d14	81	15-142

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	63470
Units:	ug/L	Prepared:	05/07/01
Diln Fac:	1.000	Analyzed:	05/08/01

Type: BS Lab ID: QC144829

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	53.66	54	32-110
2-Chlorophenol	100.0	56.79	57	35-116
1,4-Dichlorobenzene	50.00	32.73	65	25-110
N-Nitroso-di-n-propylamine	50.00	36.87	74	37-130
1,2,4-Trichlorobenzene	50.00	37.61	75	28-110
4-Chloro-3-methylphenol	100.0	70.85	71	39-114
Acenaphthene	50.00	40.37	81	42-113
4-Nitrophenol	100.0	82.04	82	32-110
2,4-Dinitrotoluene	50.00	44.62	89	40-114
Pentachlorophenol	100.0	59.56	60	18-110
Pyrene	50.00	41.47	83	42-116

Surrogate	%REC	Limits
2-Fluorophenol	58	17-119
Phenol-d5	70	18-129
2,4,6-Tribromophenol	108	19-136
Nitrobenzene-d5	91	34-126
2-Fluorobiphenyl	78	30-121
Terphenyl-d14	72	15-142

Type: BSD Lab ID: QC144830

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	100.0	68.05	68	32-110	24	26
2-Chlorophenol	100.0	60.19	60	35-116	6	28
1,4-Dichlorobenzene	50.00	34.45	69	25-110	5	32
N-Nitroso-di-n-propylamine	50.00	41.19	82	37-130	11	32
1,2,4-Trichlorobenzene	50.00	41.40	83	28-110	10	28
4-Chloro-3-methylphenol	100.0	65.65	66	39-114	8	20
Acenaphthene	50.00	36.58	73	42-113	10	20
4-Nitrophenol	100.0	72.11	72	32-110	13	21
2,4-Dinitrotoluene	50.00	42.18	84	40-114	6	20
Pentachlorophenol	100.0	54.07	54	18-110	10	25
Pyrene	50.00	35.39	71	42-116	16	20

Surrogate	%REC	Limits
2-Fluorophenol	64	17-119
Phenol-d5	85	18-129
2,4,6-Tribromophenol	106	19-136
Nitrobenzene-d5	81	34-126
2-Fluorobiphenyl	81	30-121
Terphenyl-d14	74	15-142



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP A	Batch#:	63463
Lab ID:	151795-006	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

ND= Not Detected

RL= Reporting Limit

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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP A	Batch#:	63463
Lab ID:	151795-006	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
n-butylbenzylphthalate	ND	330
2,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	490	330
di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Benzo(a,h)anthracene	ND	330
Benzo(a,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	86	40-134
2,4,6-Tribromophenol	81	39-135
Nitrobenzene-d5	60	16-131
2-Fluorobiphenyl	84	38-131
1,2-Dichlorobiphenyl-d14	91	45-129
1,2,4-Trichlorobiphenyl-d14	90	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP B	Batch#:	63463
Lab ID:	151795-011	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP B	Batch#:	63463
Lab ID:	151795-011	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
2,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	82	40-134
Phenol-d5	76	39-135
2,4,6-Tribromophenol	56	16-131
Nitrobenzene-d5	82	38-131
2-Fluorobiphenyl	91	45-129
Terphenyl-d14	95	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP C	Batch#:	63463
Lab ID:	151795-016	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	3,300
Phenol	ND	3,300
bis(2-Chloroethyl) ether	ND	3,300
2-Chlorophenol	ND	3,300
1,3-Dichlorobenzene	ND	3,300
1,4-Dichlorobenzene	ND	3,300
Benzyl alcohol	ND	3,300
1,2-Dichlorobenzene	ND	3,300
2-Methylphenol	ND	3,300
bis(2-Chloroisopropyl) ether	ND	3,300
3-,4-Methylphenol	ND	3,300
N-Nitroso-di-n-propylamine	ND	3,300
Hexachloroethane	ND	3,300
Nitrobenzene	ND	3,300
Isophorone	ND	3,300
2-Nitrophenol	ND	17,000
2,4-Dimethylphenol	ND	3,300
Benzoic acid	ND	17,000
bis(2-Chloroethoxy)methane	ND	3,300
2,4-Dichlorophenol	ND	3,300
1,2,4-Trichlorobenzene	ND	3,300
Naphthalene	ND	3,300
4-Chloroaniline	ND	3,300
Hexachlorobutadiene	ND	3,300
4-Chloro-3-methylphenol	ND	3,300
2-Methylnaphthalene	ND	3,300
Hexachlorocyclopentadiene	ND	17,000
2,4,6-Trichlorophenol	ND	3,300
2,4,5-Trichlorophenol	ND	3,300
2-Chloronaphthalene	ND	3,300
2-Nitroaniline	ND	17,000
Dimethylphthalate	ND	3,300
Acenaphthylene	ND	3,300
2,6-Dinitrotoluene	ND	3,300
3-Nitroaniline	ND	17,000
Acenaphthene	ND	3,300
2,4-Dinitrophenol	ND	17,000
4-Nitrophenol	ND	17,000
Dibenzofuran	ND	3,300
2,4-Dinitrotoluene	ND	3,300
Diethylphthalate	ND	3,300
Fluorene	ND	3,300
4-Chlorophenyl-phenylether	ND	3,300
4-Nitroaniline	ND	17,000
4,6-Dinitro-2-methylphenol	ND	17,000
N-Nitrosodiphenylamine	ND	3,300
Azobenzene	ND	3,300
4-Bromophenyl-phenylether	ND	3,300
Hexachlorobenzene	ND	3,300
Pentachlorophenol	ND	17,000
Phenanthrene	ND	3,300
Anthracene	ND	3,300
Di-n-butylphthalate	ND	3,300
Fluoranthene	ND	3,300

ND= Not Detected
RL= Reporting Limit
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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP C	Batch#:	63463
Lab ID:	151795-016	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	10.00		

Analyte	Result	RL
Pyrene	ND	3,300
n-butylbenzylphthalate	ND	3,300
2,3'-Dichlorobenzidine	ND	17,000
Benzo(a)anthracene	ND	3,300
Chrysene	ND	3,300
bis(2-Ethylhexyl)phthalate	ND	3,300
di-n-octylphthalate	ND	3,300
Benzo(b)fluoranthene	ND	3,300
Benzo(k)fluoranthene	ND	3,300
Benzo(a)pyrene	ND	3,300
Indeno(1,2,3-cd)pyrene	ND	3,300
Benzo(a,h)anthracene	ND	3,300
Benzo(g,h,i)perylene	ND	3,300

Surrogate	%REC	Limits
1-Fluorophenol	75	40-134
Phenol-d5	73	39-135
2,4,6-Tribromophenol	50	16-131
Nitrobenzene-d5	76	38-131
1-Fluorobiphenyl	91	45-129
Terphenyl-d14	87	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP D	Batch#:	63463
Lab ID:	151795-022	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	5.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	1,700
Phenol	ND	1,700
bis(2-Chloroethyl) ether	ND	1,700
2-Chlorophenol	ND	1,700
1,3-Dichlorobenzene	ND	1,700
1,4-Dichlorobenzene	ND	1,700
Benzyl alcohol	ND	1,700
1,2-Dichlorobenzene	ND	1,700
2-Methylphenol	ND	1,700
bis(2-Chloroisopropyl) ether	ND	1,700
3-,4-Methylphenol	ND	1,700
N-Nitroso-di-n-propylamine	ND	1,700
Hexachloroethane	ND	1,700
Nitrobenzene	ND	1,700
Isophorone	ND	1,700
2-Nitrophenol	ND	8,300
2,4-Dimethylphenol	ND	1,700
Benzoic acid	ND	8,300
bis(2-Chloroethoxy) methane	ND	1,700
2,4-Dichlorophenol	ND	1,700
1,2,4-Trichlorobenzene	ND	1,700
Naphthalene	ND	1,700
4-Chloroaniline	ND	1,700
Hexachlorobutadiene	ND	1,700
4-Chloro-3-methylphenol	ND	1,700
2-Methylnaphthalene	ND	1,700
Hexachlorocyclopentadiene	ND	8,300
2,4,6-Trichlorophenol	ND	1,700
2,4,5-Trichlorophenol	ND	1,700
2-Chloronaphthalene	ND	1,700
2-Nitroaniline	ND	8,300
Dimethylphthalate	ND	1,700
Acenaphthylene	ND	1,700
2,6-Dinitrotoluene	ND	1,700
3-Nitroaniline	ND	8,300
Acenaphthene	ND	1,700
2,4-Dinitrophenol	ND	8,300
4-Nitrophenol	ND	8,300
Dibenzofuran	ND	1,700
2,4-Dinitrotoluene	ND	1,700
Diethylphthalate	ND	1,700
Fluorene	ND	1,700
4-Chlorophenyl-phenylether	ND	1,700
4-Nitroaniline	ND	8,300
4,6-Dinitro-2-methylphenol	ND	8,300
N-Nitrosodiphenylamine	ND	1,700
Azobenzene	ND	1,700
4-Bromophenyl-phenylether	ND	1,700
Hexachlorobenzene	ND	1,700
Pentachlorophenol	ND	8,300
Phenanthrene	ND	1,700
Anthracene	ND	1,700
Di-n-butylphthalate	ND	1,700
Fluoranthene	ND	1,700

ND= Not Detected
 RL= Reporting Limit
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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP D	Batch#:	63463
Lab ID:	151795-022	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	5.000		

Analyte	Result	RL
Pyrene	ND	1,700
Butylbenzylphthalate	ND	1,700
3,3'-Dichlorobenzidine	ND	8,300
Benzo(a)anthracene	ND	1,700
Chrysene	ND	1,700
bis(2-Ethylhexyl)phthalate	ND	1,700
Di-n-octylphthalate	ND	1,700
Benzo(b)fluoranthene	ND	1,700
Benzo(k)fluoranthene	ND	1,700
Benzo(a)pyrene	ND	1,700
Indeno(1,2,3-cd)pyrene	ND	1,700
Dibenz(a,h)anthracene	ND	1,700
Benzo(a,h,i)perylene	ND	1,700

Surrogate	%REC	Limits
2-Fluorophenol	76	40-134
Phenol-d5	73	39-135
2,4,6-Tribromophenol	56	16-131
Nitrobenzene-d5	79	38-131
2-Fluorobiphenyl	91	45-129
Terphenyl-d14	85	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP E	Batch#:	63463
Lab ID:	151795-027	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	3,300
Phenol	ND	3,300
bis(2-Chloroethyl) ether	ND	3,300
2-Chlorophenol	ND	3,300
1,3-Dichlorobenzene	ND	3,300
1,4-Dichlorobenzene	ND	3,300
Benzyl alcohol	ND	3,300
1,2-Dichlorobenzene	ND	3,300
2-Methylphenol	ND	3,300
bis(2-Chloroisopropyl) ether	ND	3,300
3-,4-Methylphenol	ND	3,300
N-Nitroso-di-n-propylamine	ND	3,300
Hexachloroethane	ND	3,300
Nitrobenzene	ND	3,300
Isophorone	ND	3,300
2-Nitrophenol	ND	16,000
2,4-Dimethylphenol	ND	3,300
Benzoic acid	ND	16,000
bis(2-Chloroethoxy)methane	ND	3,300
2,4-Dichlorophenol	ND	3,300
1,2,4-Trichlorobenzene	ND	3,300
Naphthalene	ND	3,300
4-Chloroaniline	ND	3,300
Hexachlorobutadiene	ND	3,300
4-Chloro-3-methylphenol	ND	3,300
2-Methylnaphthalene	ND	3,300
Hexachlorocyclopentadiene	ND	16,000
2,4,6-Trichlorophenol	ND	3,300
2,4,5-Trichlorophenol	ND	3,300
2-Chloronaphthalene	ND	3,300
2-Nitroaniline	ND	16,000
Dimethylphthalate	ND	3,300
Acenaphthylene	ND	3,300
2,6-Dinitrotoluene	ND	3,300
3-Nitroaniline	ND	16,000
Acenaphthene	ND	3,300
2,4-Dinitrophenol	ND	16,000
4-Nitrophenol	ND	16,000
Dibenzofuran	ND	3,300
2,4-Dinitrotoluene	ND	3,300
Diethylphthalate	ND	3,300
Fluorene	ND	3,300
4-Chlorophenyl-phenylether	ND	3,300
4-Nitroaniline	ND	16,000
4,6-Dinitro-2-methylphenol	ND	16,000
N-Nitrosodiphenylamine	ND	3,300
Azobenzene	ND	3,300
4-Bromophenyl-phenylether	ND	3,300
Hexachlorobenzene	ND	3,300
Pentachlorophenol	ND	16,000
Phenanthrene	ND	3,300
Anthracene	ND	3,300
Di-n-butylphthalate	ND	3,300
Fluoranthene	ND	3,300

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP E	Batch#:	63463
Lab ID:	151795-027	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
Pyrene	ND	3,300
Butylbenzylphthalate	ND	3,300
3,3'-Dichlorobenzidine	ND	16,000
Benzo (a) anthracene	ND	3,300
Chrysene	ND	3,300
bis(2-Ethylhexyl)phthalate	ND	3,300
Di-n-octylphthalate	ND	3,300
Benzo (b) fluoranthene	ND	3,300
Benzo (k) fluoranthene	ND	3,300
Benzo (a) pyrene	ND	3,300
Indeno (1,2,3-cd) pyrene	ND	3,300
Dibenz (a,h) anthracene	ND	3,300
Benzo (g,h,i) perylene	ND	3,300

Surrogate	%REC	Limits
2-Fluorophenol	71	40-134
Phenol-d5	66	39-135
2,4,6-Tribromophenol	54	16-131
Nitrobenzene-d5	72	38-131
2-Fluorobiphenyl	84	45-129
Terphenyl-d14	89	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP F	Batch#:	63463
Lab ID:	151795-033	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,600
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,600
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP F	Batch#:	63463
Lab ID:	151795-033	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	960	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	370	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	78	40-134
Phenol-d5	75	39-135
2,4,6-Tribromophenol	64	16-131
Nitrobenzene-d5	75	38-131
2-Fluorobiphenyl	83	45-129
Terphenyl-d14	79	41-140



Semi-volatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP G	Batch#:	63463
Lab ID:	151795-038	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	6,600
Phenol	ND	6,600
bis(2-Chloroethyl) ether	ND	6,600
2-Chlorophenol	ND	6,600
1,3-Dichlorobenzene	ND	6,600
1,4-Dichlorobenzene	ND	6,600
Benzyl alcohol	ND	6,600
1,2-Dichlorobenzene	ND	6,600
2-Methylphenol	ND	6,600
bis(2-Chloroisopropyl) ether	ND	6,600
3-,4-Methylphenol	ND	6,600
N-Nitroso-di-n-propylamine	ND	6,600
Hexachloroethane	ND	6,600
Nitrobenzene	ND	6,600
Isophorone	ND	6,600
2-Nitrophenol	ND	33,000
2,4-Dimethylphenol	ND	6,600
Benzoic acid	ND	33,000
bis(2-Chloroethoxy)methane	ND	6,600
2,4-Dichlorophenol	ND	6,600
1,2,4-Trichlorobenzene	ND	6,600
Naphthalene	ND	6,600
4-Chloroaniline	ND	6,600
Hexachlorobutadiene	ND	6,600
4-Chloro-3-methylphenol	ND	6,600
2-Methylnaphthalene	ND	6,600
Hexachlorocyclopentadiene	ND	33,000
2,4,6-Trichlorophenol	ND	6,600
2,4,5-Trichlorophenol	ND	6,600
2-Chloronaphthalene	ND	6,600
2-Nitroaniline	ND	33,000
Dimethylphthalate	ND	6,600
Acenaphthylene	ND	6,600
2,6-Dinitrotoluene	ND	6,600
3-Nitroaniline	ND	33,000
Acenaphthene	ND	6,600
2,4-Dinitrophenol	ND	33,000
4-Nitrophenol	ND	33,000
Dibenzofuran	ND	6,600
2,4-Dinitrotoluene	ND	6,600
Diethylphthalate	ND	6,600
Fluorene	ND	6,600
4-Chlorophenyl-phenylether	ND	6,600
4-Nitroaniline	ND	33,000
4,6-Dinitro-2-methylphenol	ND	33,000
N-Nitrosodiphenylamine	ND	6,600
Azobenzene	ND	6,600
4-Bromophenyl-phenylether	ND	6,600
Hexachlorobenzene	ND	6,600
Pentachlorophenol	ND	33,000
Phenanthrene	ND	6,600
Anthracene	ND	6,600
Di-n-butylphthalate	ND	6,600

DO= Diluted Out

ND= Not Detected

RL= Reporting Limit

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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP G	Batch#:	63463
Lab ID:	151795-038	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
Fluoranthene	ND	6,600
Pyrene	ND	6,600
Butylbenzylphthalate	ND	6,600
3,3'-Dichlorobenzidine	ND	33,000
Benzo(a)anthracene	ND	6,600
Chrysene	ND	6,600
Bis(2-Ethylhexyl)phthalate	13,000	6,600
Di-n-octylphthalate	ND	6,600
Benzo(b)fluoranthene	ND	6,600
Benzo(k)fluoranthene	ND	6,600
Benzo(a)pyrene	ND	6,600
Indeno(1,2,3-cd)pyrene	ND	6,600
Dibenz(a,h)anthracene	ND	6,600
Benzo(g,h,i)perylene	ND	6,600

Surrogate	%REC	Limits
2-Fluorophenol	DO	40-134
Phenol-d5	DO	39-135
2,4,6-Tribromophenol	DO	16-131
Nitrobenzene-d5	DO	38-131
2-Fluorobiphenyl	DO	45-129
Terphenyl-d14	DO	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP H	Batch#:	63463
Lab ID:	151795-043	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP H	Batch#:	63463
Lab ID:	151795-043	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	420	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	80	40-134
Phenol-d5	79	39-135
2,4,6-Tribromophenol	57	16-131
Nitrobenzene-d5	77	38-131
2-Fluorobiphenyl	88	45-129
Terphenyl-d14	83	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP I	Batch#:	63463
Lab ID:	151795-048	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP I	Batch#:	63463
Lab ID:	151795-048	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	690	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	76	40-134
Phenol-d5	75	39-135
2,4,6-Tribromophenol	65	16-131
Nitrobenzene-d5	77	38-131
2-Fluorobiphenyl	86	45-129
Terphenyl-d14	88	41-140

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP J	Batch#:	63463
Lab ID:	151795-053	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	1,000	330

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	COMP J	Batch#:	63463
Lab ID:	151795-053	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	1,100	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	860	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(a,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	80	40-134
Phenol-d5	79	39-135
2,4,6-Tribromophenol	68	16-131
Nitrobenzene-d5	79	38-131
2-Fluorobiphenyl	87	45-129
Terphenyl-d14	79	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1;0.75-1.25	Batch#:	63463
Lab ID:	151795-054	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1;0.75-1.25	Batch#:	63463
Lab ID:	151795-054	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RI
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo (a) anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo (b) fluoranthene	ND	330
Benzo (k) fluoranthene	ND	330
Benzo (a) pyrene	ND	330
Indeno (1,2,3-cd) pyrene	ND	330
Dibenz (a,h) anthracene	ND	330
Benzo (g,h,i) perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	91	40-134
Phenol-d5	86	39-135
2,4,6-Tribromophenol	77	16-131
Nitrobenzene-d5	88	38-131
2-Fluorobiphenyl	96	45-129
Terphenyl-d14	91	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1;3-3.5	Batch#:	63463
Lab ID:	151795-055	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

ND= Not Detected

RL= Reporting Limit



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1;3-3.5	Batch#:	63463
Lab ID:	151795-055	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo (a) anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	610	330
Di-n-octylphthalate	ND	330
Benzo (b) fluoranthene	ND	330
Benzo (k) fluoranthene	ND	330
Benzo (a) pyrene	ND	330
Indeno (1,2,3-cd) pyrene	ND	330
Dibenz (a,h) anthracene	ND	330
Benzo (g,h,i) perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	85	40-134
Phenol-d5	80	39-135
2,4,6-Tribromophenol	58	16-131
Nitrobenzene-d5	80	38-131
2-Fluorobiphenyl	86	45-129
Terphenyl-d14	83	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2;1-1.5	Batch#:	63463
Lab ID:	151795-056	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2;1-1.5	Batch#:	63463
Lab ID:	151795-056	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo (a) anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo (b) fluoranthene	ND	330
Benzo (k) fluoranthene	ND	330
Benzo (a) pyrene	ND	330
Indeno (1,2,3-cd) pyrene	ND	330
Dibenz (a, h) anthracene	ND	330
Benzo (g, h, i) perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	89	40-134
Phenol-d5	87	39-135
2,4,6-Tribromophenol	71	16-131
Nitrobenzene-d5	84	38-131
2-Fluorobiphenyl	92	45-129
Terphenyl-d14	90	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2;4-4.5	Batch#:	63463
Lab ID:	151795-057	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2;4-4.5	Batch#:	63463
Lab ID:	151795-057	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	79	40-134
Phenol-d5	75	39-135
2,4,6-Tribromophenol	72	16-131
Nitrobenzene-d5	79	38-131
2-Fluorobiphenyl	89	45-129
Terphenyl-d14	91	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4;1-1.5	Batch#:	63463
Lab ID:	151795-060	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	5.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	1,700
Phenol	ND	1,700
bis(2-Chloroethyl) ether	ND	1,700
2-Chlorophenol	ND	1,700
1,3-Dichlorobenzene	ND	1,700
1,4-Dichlorobenzene	ND	1,700
Benzyl alcohol	ND	1,700
1,2-Dichlorobenzene	ND	1,700
2-Methylphenol	ND	1,700
bis(2-Chloroisopropyl) ether	ND	1,700
3-,4-Methylphenol	ND	1,700
N-Nitroso-di-n-propylamine	ND	1,700
Hexachloroethane	ND	1,700
Nitrobenzene	ND	1,700
Isophorone	ND	1,700
2-Nitrophenol	ND	8,300
2,4-Dimethylphenol	ND	1,700
Benzoic acid	ND	8,300
bis(2-Chloroethoxy)methane	ND	1,700
2,4-Dichlorophenol	ND	1,700
1,2,4-Trichlorobenzene	ND	1,700
Naphthalene	ND	1,700
4-Chloroaniline	ND	1,700
Hexachlorobutadiene	ND	1,700
4-Chloro-3-methylphenol	ND	1,700
2-Methylnaphthalene	ND	1,700
Hexachlorocyclopentadiene	ND	8,300
2,4,6-Trichlorophenol	ND	1,700
2,4,5-Trichlorophenol	ND	1,700
2-Chloronaphthalene	ND	1,700
2-Nitroaniline	ND	8,300
Dimethylphthalate	ND	1,700
Acenaphthylene	ND	1,700
2,6-Dinitrotoluene	ND	1,700
3-Nitroaniline	ND	8,300
Acenaphthene	ND	1,700
2,4-Dinitrophenol	ND	8,300
4-Nitrophenol	ND	8,300
Dibenzofuran	ND	1,700
2,4-Dinitrotoluene	ND	1,700
Diethylphthalate	ND	1,700
Fluorene	ND	1,700
4-Chlorophenyl-phenylether	ND	1,700
4-Nitroaniline	ND	8,300
4,6-Dinitro-2-methylphenol	ND	8,300
N-Nitrosodiphenylamine	ND	1,700
Azobenzene	ND	1,700
4-Bromophenyl-phenylether	ND	1,700
Hexachlorobenzene	ND	1,700
Pentachlorophenol	ND	8,300
Phenanthrene	ND	1,700
Anthracene	ND	1,700
Di-n-butylphthalate	ND	1,700
Fluoranthene	ND	1,700



Semi-volatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4;1-1.5	Batch#:	63463
Lab ID:	151795-060	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	5.000		

Analyte	Result	RL
Pyrene	ND	1,700
Butylbenzylphthalate	ND	1,700
3,3'-Dichlorobenzidine	ND	8,300
Benzo(a)anthracene	ND	1,700
Chrysene	ND	1,700
bis(2-Ethylhexyl)phthalate	ND	1,700
Di-n-octylphthalate	ND	1,700
Benzo(b)fluoranthene	ND	1,700
Benzo(k)fluoranthene	ND	1,700
Benzo(a)pyrene	ND	1,700
Indeno(1,2,3-cd)pyrene	ND	1,700
Dibenz(a,h)anthracene	ND	1,700
Benzo(g,h,i)perylene	ND	1,700

Surrogate	%REC	Limits
2-Fluorophenol	78	40-134
Phenol-d5	73	39-135
2,4,6-Tribromophenol	59	16-131
Nitrobenzene-d5	79	38-131
2-Fluorobiphenyl	89	45-129
Terphenyl-d14	93	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4;4.5-5	Batch#:	63463
Lab ID:	151795-061	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,600
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,600
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-4;4.5-5	Batch#:	63463
Lab ID:	151795-061	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	80	40-134
Phenol-d5	78	39-135
2,4,6-Tribromophenol	67	16-131
Nitrobenzene-d5	77	38-131
2-Fluorobiphenyl	84	45-129
Terphenyl-d14	84	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5;0.5-1.0	Batch#:	63463
Lab ID:	151795-062	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	5.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	1,700
Phenol	ND	1,700
bis(2-Chloroethyl) ether	ND	1,700
2-Chlorophenol	ND	1,700
1,3-Dichlorobenzene	ND	1,700
1,4-Dichlorobenzene	ND	1,700
Benzyl alcohol	ND	1,700
1,2-Dichlorobenzene	ND	1,700
2-Methylphenol	ND	1,700
bis(2-Chloroisopropyl) ether	ND	1,700
3-,4-Methylphenol	ND	1,700
N-Nitroso-di-n-propylamine	ND	1,700
Hexachloroethane	ND	1,700
Nitrobenzene	ND	1,700
Isophorone	ND	1,700
2-Nitrophenol	ND	8,300
2,4-Dimethylphenol	ND	1,700
Benzoic acid	ND	8,300
bis(2-Chloroethoxy) methane	ND	1,700
2,4-Dichlorophenol	ND	1,700
1,2,4-Trichlorobenzene	ND	1,700
Naphthalene	ND	1,700
4-Chloroaniline	ND	1,700
Hexachlorobutadiene	ND	1,700
4-Chloro-3-methylphenol	ND	1,700
2-Methylnaphthalene	ND	1,700
Hexachlorocyclopentadiene	ND	8,300
2,4,6-Trichlorophenol	ND	1,700
2,4,5-Trichlorophenol	ND	1,700
2-Chloronaphthalene	ND	1,700
2-Nitroaniline	ND	8,300
Dimethylphthalate	ND	1,700
Acenaphthylene	ND	1,700
2,6-Dinitrotoluene	ND	1,700
3-Nitroaniline	ND	8,300
Acenaphthene	ND	1,700
2,4-Dinitrophenol	ND	8,300
4-Nitrophenol	ND	8,300
Dibenzofuran	ND	1,700
2,4-Dinitrotoluene	ND	1,700
Diethylphthalate	ND	1,700
Fluorene	ND	1,700
4-Chlorophenyl-phenylether	ND	1,700
4-Nitroaniline	ND	8,300
4,6-Dinitro-2-methylphenol	ND	8,300
N-Nitrosodiphenylamine	ND	1,700
Azobenzene	ND	1,700
4-Bromophenyl-phenylether	ND	1,700
Hexachlorobenzene	ND	1,700
Pentachlorophenol	ND	8,300
Phenanthrene	ND	1,700
Anthracene	ND	1,700
Di-n-butylphthalate	ND	1,700
Fluoranthene	ND	1,700

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5;0.5-1.0	Batch#:	63463
Lab ID:	151795-062	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	5.000		

Analyte	Result	RL
Pyrene	ND	1,700
Butylbenzylphthalate	ND	1,700
3,3'-Dichlorobenzidine	ND	8,300
Benzo (a) anthracene	ND	1,700
Chrysene	ND	1,700
bis (2-Ethylhexyl) phthalate	ND	1,700
Di-n-octylphthalate	ND	1,700
Benzo (b) fluoranthene	ND	1,700
Benzo (k) fluoranthene	ND	1,700
Benzo (a) pyrene	ND	1,700
Indeno (1,2,3-cd) pyrene	ND	1,700
Dibenz (a,h) anthracene	ND	1,700
Benzo (g,h,i) perylene	ND	1,700

Surrogate	%REC	Limits
2-Fluorophenol	73	40-134
Phenol-d5	71	39-135
2,4,6-Tribromophenol	56	16-131
Nitrobenzene-d5	73	38-131
2-Fluorobiphenyl	83	45-129
Terphenyl-d14	81	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5;4-4.5	Batch#:	63463
Lab ID:	151795-063	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,600
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,600
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-5;4-4.5	Batch#:	63463
Lab ID:	151795-063	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/11/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	76	40-134
Phenol-d5	72	39-135
2,4,6-Tribromophenol	60	16-131
Nitrobenzene-d5	75	38-131
2-Fluorobiphenyl	80	45-129
Terphenyl-d14	81	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A;-0-0.5	Batch#:	63463
Lab ID:	151795-064	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	6,600
Phenol	ND	6,600
bis(2-Chloroethyl) ether	ND	6,600
2-Chlorophenol	ND	6,600
1,3-Dichlorobenzene	ND	6,600
1,4-Dichlorobenzene	ND	6,600
Benzyl alcohol	ND	6,600
1,2-Dichlorobenzene	ND	6,600
2-Methylphenol	ND	6,600
bis(2-Chloroisopropyl) ether	ND	6,600
3-,4-Methylphenol	ND	6,600
N-Nitroso-di-n-propylamine	ND	6,600
Hexachloroethane	ND	6,600
Nitrobenzene	ND	6,600
Isophorone	ND	6,600
2-Nitrophenol	ND	33,000
2,4-Dimethylphenol	ND	6,600
Benzoic acid	ND	33,000
bis(2-Chloroethoxy) methane	ND	6,600
2,4-Dichlorophenol	ND	6,600
1,2,4-Trichlorobenzene	ND	6,600
Naphthalene	ND	6,600
4-Chloroaniline	ND	6,600
Hexachlorobutadiene	ND	6,600
4-Chloro-3-methylphenol	ND	6,600
2-Methylnaphthalene	ND	6,600
Hexachlorocyclopentadiene	ND	33,000
2,4,6-Trichlorophenol	ND	6,600
2,4,5-Trichlorophenol	ND	6,600
2-Chloronaphthalene	ND	6,600
2-Nitroaniline	ND	33,000
Dimethylphthalate	ND	6,600
Acenaphthylene	ND	6,600
2,6-Dinitrotoluene	ND	6,600
3-Nitroaniline	ND	33,000
Acenaphthene	ND	6,600
2,4-Dinitrophenol	ND	33,000
4-Nitrophenol	ND	33,000
Dibenzofuran	ND	6,600
2,4-Dinitrotoluene	ND	6,600
Diethylphthalate	ND	6,600
Fluorene	ND	6,600
4-Chlorophenyl-phenylether	ND	6,600
4-Nitroaniline	ND	33,000
4,6-Dinitro-2-methylphenol	ND	33,000
N-Nitrosodiphenylamine	ND	6,600
Azobenzene	ND	6,600
4-Bromophenyl-phenylether	ND	6,600
Hexachlorobenzene	ND	6,600
Pentachlorophenol	ND	33,000
Phenanthrene	ND	6,600
Anthracene	ND	6,600
Di-n-butylphthalate	ND	6,600

DO= Diluted Out

ND= Not Detected

RL= Reporting Limit

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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A; -0-0.5	Batch#:	63463
Lab ID:	151795-064	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/15/01
Diln Fac:	10.00		

Analyte	Result	RL
Fluoranthene	ND	6,600
Pyrene	ND	6,600
Butylbenzylphthalate	ND	6,600
3,3'-Dichlorobenzidine	ND	33,000
Benzo(a)anthracene	ND	6,600
Chrysene	ND	6,600
bis(2-Ethylhexyl)phthalate	ND	6,600
Di-n-octylphthalate	ND	6,600
Benzo(b)fluoranthene	ND	6,600
Benzo(k)fluoranthene	ND	6,600
Benzo(a)pyrene	ND	6,600
Indeno(1,2,3-cd)pyrene	ND	6,600
Dibenz(a,h)anthracene	ND	6,600
Benzo(g,h,i)perylene	ND	6,600

Surrogate	%REC	Limits
2-Fluorophenol	DO	40-134
Phenol-d5	DO	39-135
2,4,6-Tribromophenol	DO	16-131
Nitrobenzene-d5	DO	38-131
2-Fluorobiphenyl	DO	45-129
Terphenyl-d14	DO	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A;5-5.5	Batch#:	63657
Lab ID:	151795-065	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/16/01
Basis:	wet	Analyzed:	05/16/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	2,200	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	2,200	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1A;5-5.5	Batch#:	63657
Lab ID:	151795-065	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/16/01
Basis:	wet	Analyzed:	05/16/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	390	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	350	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	490	330

Surrogate	%REC	Limits
2-Fluorophenol	78	40-134
Phenol-d5	80	39-135
2,4,6-Tribromophenol	94	16-131
Nitrobenzene-d5	75	38-131
2-Fluorobiphenyl	84	45-129
Terphenyl-d14	92	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2C;0-0.5	Batch#:	63497
Lab ID:	151795-066	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	340
Phenol	ND	340
bis(2-Chloroethyl) ether	ND	340
2-Chlorophenol	ND	340
1,3-Dichlorobenzene	ND	340
1,4-Dichlorobenzene	ND	340
Benzyl alcohol	ND	340
1,2-Dichlorobenzene	ND	340
2-Methylphenol	ND	340
bis(2-Chloroisopropyl) ether	ND	340
3-,4-Methylphenol	ND	340
N-Nitroso-di-n-propylamine	ND	340
Hexachloroethane	ND	340
Nitrobenzene	ND	340
Isophorone	ND	340
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	340
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	340
2,4-Dichlorophenol	ND	340
1,2,4-Trichlorobenzene	ND	340
Naphthalene	ND	340
4-Chloroaniline	ND	340
Hexachlorobutadiene	ND	340
4-Chloro-3-methylphenol	ND	340
2-Methylnaphthalene	ND	340
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	340
2,4,5-Trichlorophenol	ND	340
2-Chloronaphthalene	ND	340
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	340
Acenaphthylene	ND	340
2,6-Dinitrotoluene	ND	340
3-Nitroaniline	ND	1,700
Acenaphthene	ND	340
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	340
2,4-Dinitrotoluene	ND	340
Diethylphthalate	ND	340
Fluorene	ND	340
4-Chlorophenyl-phenylether	ND	340
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	340
Azobenzene	ND	340
4-Bromophenyl-phenylether	ND	340
Hexachlorobenzene	ND	340
Pentachlorophenol	ND	1,700
Phenanthrene	ND	340
Anthracene	ND	340
Di-n-butylphthalate	ND	340
Fluoranthene	ND	340

ND= Not Detected

RL= Reporting Limit

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Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2C;0-0.5	Batch#:	63497
Lab ID:	151795-066	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	340
Butylbenzylphthalate	ND	340
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	340
Chrysene	ND	340
bis(2-Ethylhexyl)phthalate	ND	340
Di-n-octylphthalate	ND	340
Benzo(b)fluoranthene	ND	340
Benzo(k)fluoranthene	ND	340
Benzo(a)pyrene	ND	340
Indeno(1,2,3-cd)pyrene	ND	340
Dibenz(a,h)anthracene	ND	340
Benzo(g,h,i)perylene	ND	340

Surrogate	REC	Limits
2-Fluorophenol	54	40-134
Phenol-d5	53	39-135
2,4,6-Tribromophenol	40	16-131
Nitrobenzene-d5	49	38-131
2-Fluorobiphenyl	54	45-129
Terphenyl-d14	48	41-140



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2C;3-3.5	Batch#:	63497
Lab ID:	151795-067	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,600
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,600
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-2C;3-3.5	Batch#:	63497
Lab ID:	151795-067	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	82	40-134
Phenol-d5	79	39-135
2,4,6-Tribromophenol	70	16-131
Nitrobenzene-d5	76	38-131
2-Fluorobiphenyl	84	45-129
Terphenyl-d14	78	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1B;1-1.5	Batch#:	63497
Lab ID:	151795-068	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	340
Phenol	ND	340
bis(2-Chloroethyl) ether	ND	340
2-Chlorophenol	ND	340
1,3-Dichlorobenzene	ND	340
1,4-Dichlorobenzene	ND	340
Benzyl alcohol	ND	340
1,2-Dichlorobenzene	ND	340
2-Methylphenol	ND	340
bis(2-Chloroisopropyl) ether	ND	340
3-,4-Methylphenol	ND	340
N-Nitroso-di-n-propylamine	ND	340
Hexachloroethane	ND	340
Nitrobenzene	ND	340
Isophorone	ND	340
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	340
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	340
2,4-Dichlorophenol	ND	340
1,2,4-Trichlorobenzene	ND	340
Naphthalene	ND	340
4-Chloroaniline	ND	340
Hexachlorobutadiene	ND	340
4-Chloro-3-methylphenol	ND	340
2-Methylnaphthalene	ND	340
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	340
2,4,5-Trichlorophenol	ND	340
2-Chloronaphthalene	ND	340
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	340
Acenaphthylene	ND	340
2,6-Dinitrotoluene	ND	340
3-Nitroaniline	ND	1,700
Acenaphthene	ND	340
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	340
2,4-Dinitrotoluene	ND	340
Diethylphthalate	ND	340
Fluorene	ND	340
4-Chlorophenyl-phenylether	ND	340
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	340
Azobenzene	ND	340
4-Bromophenyl-phenylether	ND	340
Hexachlorobenzene	ND	340
Pentachlorophenol	ND	1,700
Phenanthrene	ND	340
Anthracene	ND	340
Di-n-butylphthalate	ND	340
Fluoranthene	ND	340



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	SB-1B;1-1.5	Batch#:	63497
Lab ID:	151795-068	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/14/01
Diln Fac:	1.000		

Analyte	Result	RI
Pyrene	ND	340
Butylbenzylphthalate	ND	340
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	340
Chrysene	ND	340
bis(2-Ethylhexyl)phthalate	ND	340
Di-n-octylphthalate	ND	340
Benzo(b)fluoranthene	ND	340
Benzo(k)fluoranthene	ND	340
Benzo(a)pyrene	ND	340
Indeno(1,2,3-cd)pyrene	ND	340
Dibenz(a,h)anthracene	ND	340
Benzo(g,h,i)perylene	ND	340

Surrogate	%REC	Limits
2-Fluorophenol	81	40-134
Phenol-d5	76	39-135
2,4,6-Tribromophenol	64	16-131
Nitrobenzene-d5	76	38-131
2-Fluorobiphenyl	83	45-129
Terphenyl-d14	78	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144797	Batch#:	63463
Matrix:	Soil	Prepared:	05/07/01
Units:	ug/Kg	Analyzed:	05/10/01
Basis:	wet		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144797	Batch#:	63463
Matrix:	Soil	Prepared:	05/07/01
Units:	ug/Kg	Analyzed:	05/10/01
Basis:	wet		

Analyte	Result	RL
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo (a) anthracene	ND	330
Chrysene	ND	330
bis (2-Ethylhexyl) phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo (b) fluoranthene	ND	330
Benzo (k) fluoranthene	ND	330
Benzo (a) pyrene	ND	330
Indeno (1,2,3-cd) pyrene	ND	330
Dibenz (a,h) anthracene	ND	330
Benzo (g,h,i) perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	87	40-134
Phenol-d5	86	39-135
2,4,6-Tribromophenol	79	16-131
Nitrobenzene-d5	85	38-131
2-Fluorobiphenyl	83	45-129
Terphenyl-d14	90	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144922	Batch#:	63497
Matrix:	Soil	Prepared:	05/08/01
Units:	ug/Kg	Analyzed:	05/08/01
Basis:	wet		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	340
Phenol	ND	340
bis(2-Chloroethyl) ether	ND	340
2-Chlorophenol	ND	340
1,3-Dichlorobenzene	ND	340
1,4-Dichlorobenzene	ND	340
Benzyl alcohol	ND	340
1,2-Dichlorobenzene	ND	340
2-Methylphenol	ND	340
bis(2-Chloroisopropyl) ether	ND	340
3-,4-Methylphenol	ND	340
N-Nitroso-di-n-propylamine	ND	340
Hexachloroethane	ND	340
Nitrobenzene	ND	340
Isophorone	ND	340
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	340
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	340
2,4-Dichlorophenol	ND	340
1,2,4-Trichlorobenzene	ND	340
Naphthalene	ND	340
4-Chloroaniline	ND	340
Hexachlorobutadiene	ND	340
4-Chloro-3-methylphenol	ND	340
2-Methylnaphthalene	ND	340
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	340
2,4,5-Trichlorophenol	ND	340
2-Chloronaphthalene	ND	340
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	340
Acenaphthylene	ND	340
2,6-Dinitrotoluene	ND	340
3-Nitroaniline	ND	1,700
Acenaphthene	ND	340
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	340
2,4-Dinitrotoluene	ND	340
Diethylphthalate	ND	340
Fluorene	ND	340
4-Chlorophenyl-phenylether	ND	340
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	340
Azobenzene	ND	340
4-Bromophenyl-phenylether	ND	340
Hexachlorobenzene	ND	340
Pentachlorophenol	ND	1,700
Phenanthrene	ND	340
Anthracene	ND	340
Di-n-butylphthalate	ND	340
Fluoranthene	ND	340
Pyrene	ND	340



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144922	Batch#:	63497
Matrix:	Soil	Prepared:	05/08/01
Units:	ug/Kg	Analyzed:	05/08/01
Basis:	wet		

Analyte	Result	RL
Butylbenzylphthalate	ND	340
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	340
Chrysene	ND	340
bis(2-Ethylhexyl)phthalate	ND	340
Di-n-octylphthalate	ND	340
Benzo(b)fluoranthene	ND	340
Benzo(k)fluoranthene	ND	340
Benzo(a)pyrene	ND	340
Indeno(1,2,3-cd)pyrene	ND	340
Dibenz(a,h)anthracene	ND	340
Benzo(g,h,i)perylene	ND	340

Surrogate	%REC	Limits
2-Fluorophenol	83	40-134
Phenol-d5	79	39-135
2,4,6-Tribromophenol	71	16-131
Nitrobenzene-d5	78	38-131
2-Fluorobiphenyl	79	45-129
Terphenyl-d14	76	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC145515	Batch#:	63657
Matrix:	Soil	Prepared:	05/16/01
Units:	ug/Kg	Analyzed:	05/16/01
Basis:	wet		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330



Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC145515	Batch#:	63657
Matrix:	Soil	Prepared:	05/16/01
Units:	ug/Kg	Analyzed:	05/16/01
Basis:	wet		

Analyte	Result	Rt
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogate	%REC	Limits
2-Fluorophenol	82	40-134
Phenol-d5	82	39-135
2,4,6-Tribromophenol	80	16-131
Nitrobenzene-d5	73	38-131
2-Fluorobiphenyl	81	45-129
Terphenyl-d14	84	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144798	Batch#:	63463
Matrix:	Soil	Prepared:	05/07/01
Units:	ug/Kg	Analyzed:	05/10/01
Basis:	wet		

Analyte	Spiked	Result	%REC	Limits
Phenol	3,279	2,228	68	39-128
2-Chlorophenol	3,279	2,313	71	45-137
1,4-Dichlorobenzene	1,639	1,379	84	41-127
N-Nitroso-di-n-propylamine	1,639	1,242	76	40-140
1,2,4-Trichlorobenzene	1,639	1,466	89	46-128
4-Chloro-3-methylphenol	3,279	2,417	74	45-130
Acenaphthene	1,639	1,296	79	47-124
4-Nitrophenol	3,279	2,326	71	36-110
2,4-Dinitrotoluene	1,639	1,389	85	42-123
Pentachlorophenol	3,279	1,575	48	15-110
Pyrene	1,639	1,248	76	44-123

Surrogate	%REC	Limits
2-Fluorophenol	87	40-134
Phenol-d5	86	39-135
2,4,6-Tribromophenol	96	16-131
Nitrobenzene-d5	83	38-131
2-Fluorobiphenyl	86	45-129
Terphenyl-d14	78	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144923	Batch#:	63497
Matrix:	Soil	Prepared:	05/08/01
Units:	ug/Kg	Analyzed:	05/08/01
Basis:	wet		

Analyte	Spiked	Result	%REC	Limits
Phenol	3,360	2,262	67	39-128
2-Chlorophenol	3,360	2,323	69	45-137
1,4-Dichlorobenzene	1,680	1,439	86	41-127
N-Nitroso-di-n-propylamine	1,680	1,234	73	40-140
1,2,4-Trichlorobenzene	1,680	1,502	89	46-128
2-Chloro-3-methylphenol	3,360	2,463	73	45-130
Acenaphthene	1,680	1,378	82	47-124
4-Nitrophenol	3,360	2,364	70	36-110
2,4-Dinitrotoluene	1,680	1,415	84	42-123
Pentachlorophenol	3,360	1,605	48	15-110
Pyrene	1,680	1,304	78	44-123

Surrogate	%REC	Limits
2-Fluorophenol	87	40-134
Phenol-d5	83	39-135
2,4,6-Tribromophenol	93	16-131
Nitrobenzene-d5	82	38-131
2-Fluorobiphenyl	88	45-129
Terphenyl-d14	78	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Matrix:	Soil	Batch#:	63657
Units:	ug/Kg	Prepared:	05/16/01
Basis:	wet	Analyzed:	05/16/01
Diln Fac:	1.000		

Type: BS Lab ID: QC145516

Analyte	Spiked	Result	%REC	Limits
Phenol	3,333	2,399	72	39-128
2-Chlorophenol	3,333	2,442	73	45-137
1,4-Dichlorobenzene	1,667	1,456	87	41-127
N-Nitroso-di-n-propylamine	1,667	1,319	79	40-140
1,2,4-Trichlorobenzene	1,667	1,504	90	46-128
4-Chloro-3-methylphenol	3,333	2,591	78	45-130
Acenaphthene	1,667	1,404	84	47-124
4-Nitrophenol	3,333	2,188	66	36-110
2,4-Dinitrotoluene	1,667	1,411	85	42-123
Pentachlorophenol	3,333	1,805	54	15-110
Pyrene	1,667	1,546	93	44-123

Surrogate	%REC	Limits
2-Fluorophenol	91	40-134
Phenol-d5	89	39-135
2,4,6-Tribromophenol	98	16-131
Nitrobenzene-d5	83	38-131
2-Fluorobiphenyl	89	45-129
Terphenyl-d14	95	41-140

Type: BSD Lab ID: QC145517

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	3,333	2,013	60	39-128	17	20
2-Chlorophenol	3,333	2,041	61	45-137	18	20
1,4-Dichlorobenzene	1,667	1,213	73	41-127	18	20
N-Nitroso-di-n-propylamine	1,667	1,103	66	40-140	18	20
1,2,4-Trichlorobenzene	1,667	1,297	78	46-128	15	25
4-Chloro-3-methylphenol	3,333	2,390	72	45-130	8	20
Acenaphthene	1,667	1,228	74	47-124	13	20
4-Nitrophenol	3,333	2,017	61	36-110	8	20
2,4-Dinitrotoluene	1,667	1,318	79	42-123	7	20
Pentachlorophenol	3,333	1,622	49	15-110	11	20
Pyrene	1,667	1,292	78	44-123	18	20

Surrogate	%REC	Limits
2-Fluorophenol	74	40-134
Phenol-d5	75	39-135
2,4,6-Tribromophenol	89	16-131
Nitrobenzene-d5	70	38-131
2-Fluorobiphenyl	75	45-129
Terphenyl-d14	79	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	63463
MSS Lab ID:	151807-002	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/10/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144799

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<39.00	3,334	2,345	70	38-133
2-Chlorophenol	<33.00	3,334	2,523	76	34-146
1,4-Dichlorobenzene	<27.00	1,667	1,461	88	43-124
N-Nitroso-di-n-propylamine	<43.00	1,667	1,310	79	48-130
1,2,4-Trichlorobenzene	<28.00	1,667	1,652	99	53-128
4-Chloro-3-methylphenol	<42.00	3,334	2,562	77	37-132
Acenaphthene	<33.00	1,667	1,438	86	55-122
4-Nitrophenol	<25.00	3,334	2,444	73	24-112
2,4-Dinitrotoluene	<30.00	1,667	1,504	90	37-122
Pentachlorophenol	<18.00	3,334	1,107	33	15-110
Pyrene	<35.00	1,667	1,400	84	30-134

Surrogate	%REC	Limits
2-Fluorophenol	94	40-134
Phenol-d5	88	39-135
2,4,6-Tribromophenol	98	16-131
Nitrobenzene-d5	90	38-131
2-Fluorobiphenyl	96	45-129
Terphenyl-d14	86	41-140

Type: MSD Lab ID: QC144800

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	3,312	2,514	76	38-133	8	33
2-Chlorophenol	3,312	2,693	81	34-146	7	34
1,4-Dichlorobenzene	1,656	1,590	96	43-124	9	26
N-Nitroso-di-n-propylamine	1,656	1,392	84	48-130	7	43
1,2,4-Trichlorobenzene	1,656	1,807	109	53-128	10	24
4-Chloro-3-methylphenol	3,312	2,719	82	37-132	7	35
Acenaphthene	1,656	1,548	93	55-122	8	26
4-Nitrophenol	3,312	2,733	83	24-112	12	47
2,4-Dinitrotoluene	1,656	1,638	99	37-122	9	33
Pentachlorophenol	3,312	1,443	44	15-110	27	50
Pyrene	1,656	1,543	93	30-134	10	32

Surrogate	%REC	Limits
2-Fluorophenol	99	40-134
Phenol-d5	93	39-135
2,4,6-Tribromophenol	107	16-131
Nitrobenzene-d5	97	38-131
2-Fluorobiphenyl	103	45-129
Terphenyl-d14	95	41-140

Semivolatile Organics by GC/MS

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	63497
MSS Lab ID:	151812-006	Sampled:	05/03/01
Matrix:	Soil	Received:	05/04/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/08/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144924

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<39.00	3,349	2,299	69	38-133
2-Chlorophenol	<33.00	3,349	2,358	70	34-146
1,4-Dichlorobenzene	<27.00	1,674	1,393	83	43-124
N-Nitroso-di-n-propylamine	<43.00	1,674	1,239	74	48-130
1,2,4-Trichlorobenzene	<28.00	1,674	1,537	92	53-128
4-Chloro-3-methylphenol	<42.00	3,349	2,513	75	37-132
Acenaphthene	<33.00	1,674	1,405	84	55-122
4-Nitrophenol	<25.00	3,349	2,277	68	24-112
2,4-Dinitrotoluene	<30.00	1,674	1,419	85	37-122
Pentachlorophenol	<18.00	3,349	1,291	39	15-110
Pyrene	<35.00	1,674	1,345	80	30-134

Surrogate	%REC	Limits
2-Fluorophenol	88	40-134
Phenol-d5	83	39-135
2,4,6-Tribromophenol	90	16-131
Nitrobenzene-d5	84	38-131
2-Fluorobiphenyl	89	45-129
Terphenyl-d14	80	41-140

Type: MSD Lab ID: QC144925

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	3,364	2,385	71	38-133	3	33
2-Chlorophenol	3,364	2,485	74	34-146	5	34
1,4-Dichlorobenzene	1,682	1,502	89	43-124	7	26
N-Nitroso-di-n-propylamine	1,682	1,323	79	48-130	6	43
1,2,4-Trichlorobenzene	1,682	1,599	95	53-128	3	24
4-Chloro-3-methylphenol	3,364	2,662	79	37-132	5	35
Acenaphthene	1,682	1,481	88	55-122	5	26
4-Nitrophenol	3,364	2,421	72	24-112	6	47
2,4-Dinitrotoluene	1,682	1,507	90	37-122	6	33
Pentachlorophenol	3,364	1,356	40	15-110	4	50
Pyrene	1,682	1,464	87	30-134	8	32

Surrogate	%REC	Limits
2-Fluorophenol	92	40-134
Phenol-d5	89	39-135
2,4,6-Tribromophenol	94	16-131
Nitrobenzene-d5	88	38-131
2-Fluorobiphenyl	94	45-129
Terphenyl-d14	85	41-140

Organochlorine Pesticides

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8081A
Field ID:	COMP P1	Batch#:	63503
Lab ID:	151795-028	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/10/01
Concn Fac:	10.00		

Cleanup Method: EPA 3620B

Analyte	Result	RE
alpha-BHC	ND	30
beta-BHC	ND	30
gamma-BHC	ND	30
delta-BHC	ND	30
Heptachlor	ND	30
Dieldrin	ND	30
Heptachlor epoxide B	ND	30
Heptachlor epoxide A	ND	30
Endosulfan I	ND	30
Dieldrin	ND	60
4,4'-DDE	ND	60
Endrin	ND	60
Endosulfan II	ND	60
Endosulfan sulfate	ND	60
4,4'-DDD	ND	60
Endrin aldehyde	ND	60
4,4'-DDT	ND b	60
alpha-Chlordane	ND	30
gamma-Chlordane	ND	30
Dieldrin	ND	300
Toxaphene	ND	600

Surrogate	%REC	Limits
CMX	DO	39-150
Decachlorobiphenyl	DO	33-144

ND = See narrative
 DO = Diluted Out
 ND = Not Detected
 RE = Reporting Limit

Organochlorine Pesticides

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8081A
Field ID:	COMP P2	Batch#:	63503
Lab ID:	151795-017	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/09/01
Diln Fac:	10.00		

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	30
beta-BHC	ND	30
gamma-BHC	ND	30
delta-BHC	ND	30
Heptachlor	ND	30
Aldrin	ND	30
Heptachlor epoxide B	ND	30
Heptachlor epoxide A	ND	30
Endosulfan I	ND	30
Dieldrin	ND	60
4,4'-DDE	ND	60
Endrin	ND	60
Endosulfan II	ND	60
Endosulfan sulfate	ND	60
4,4'-DDD	ND	60
Endrin aldehyde	ND	60
4,4'-DDT	ND b	60
alpha-Chlordane	ND	30
gamma-Chlordane	ND	30
Methoxychlor	ND	300
Toxaphene	ND	600

Surrogate	REC	Limits
TCMX	DO	39-150
Decachlorobiphenyl	DO	33-144

b= See narrative

DO= Diluted Out

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144939	Batch#:	63503
Matrix:	Soil	Prepared:	05/08/01
Units:	ug/Kg	Analyzed:	05/09/01
Basis:	wet		

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	3.0
beta-BHC	ND	3.0
gamma-BHC	ND	3.0
delta-BHC	ND	3.0
heptachlor	ND	3.0
Aldrin	ND	3.0
heptachlor epoxide B	ND	3.0
heptachlor epoxide A	ND	3.0
Endosulfan I	ND	3.0
Dieldrin	ND	6.0
1,4'-DDE	ND	6.0
Endrin	ND	6.0
Endosulfan II	ND	6.0
Endosulfan sulfate	ND	6.0
1,4'-DDD	ND	6.0
Endrin aldehyde	ND	6.0
1,4'-DDT	ND b	6.0
alpha-Chlordane	ND	3.0
gamma-Chlordane	ND	3.0
Methoxychlor	ND	30
Dioxaphene	ND	60

Surrogate	%REC	Limits
CMX	63	39-150
Decachlorobiphenyl	109	33-144

b= See narrative

ND= Not Detected

RL= Reporting Limit



Organochlorine Pesticides

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144940	Batch#:	63503
Matrix:	Soil	Prepared:	05/08/01
Units:	ug/Kg	Analyzed:	05/09/01
Basis:	wet		

Cleanup Method: EPA 3620B

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	16.67	14.23	85	59-124
Heptachlor	16.67	12.94	78	59-121
Aldrin	16.67	13.50	81	58-121
Dieldrin	16.67	14.47	87	56-124
Endrin	16.67	16.88	101	61-144
4,4'-DDT	16.67	13.20 b	79	28-138

Surrogate	%REC	Limits
TCMX	69	39-150
Decachlorobiphenyl	129	33-144

Organochlorine Pesticides

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8081A
Field ID:	ZZZZZZZZZZ	Batch#:	63503
MSS Lab ID:	151780-003	Sampled:	05/02/01
Matrix:	Soil	Received:	05/02/01
Units:	ug/Kg	Prepared:	05/08/01
Basis:	wet	Analyzed:	05/09/01
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3620B
 Lab ID: QC144941

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.4900	16.94	14.90	88	51-129
Heptachlor	<0.4500	16.94	13.55	80	49-133
Dieldrin	<0.3300	16.94	13.50	80	42-136
Endrin	<0.3800	16.94	13.83	82	45-135
Endrin	<0.4600	16.94	16.30	96	21-150
p,p'-DDT	<0.3900	16.94	11.92 b	70	38-140

Surrogate	%REC	Limits
TCMX	73	39-150
Heptachlorobiphenyl	110	33-144

Type: MSD Cleanup Method: EPA 3620B
 Lab ID: QC144942

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	16.74	14.51	87	51-129	1	48
Heptachlor	16.74	13.47	80	49-133	1	37
Dieldrin	16.74	13.34	80	42-136	0	46
Endrin	16.74	13.67	82	45-135	0	45
Endrin	16.74	16.34	98	21-150	1	47
p,p'-DDT	16.74	12.53 b	75	38-140	6	50

Surrogate	%REC	Limits
TCMX	73	39-150
Heptachlorobiphenyl	115	33-144

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8082
Field ID:	SB-4	Sampled:	05/02/01
Matrix:	Water	Received:	05/03/01
Units:	ug/L	Prepared:	05/04/01
Diln Fac:	1.000	Analyzed:	05/07/01
Batch#:	63445		

Type: SAMPLE Lab ID: 151795-072

Analyte	Result	RL
Aroclor-1016	ND	0.49
Aroclor-1221	ND	0.49
Aroclor-1232	ND	0.49
Aroclor-1242	ND	0.49
Aroclor-1248	ND	0.49
Aroclor-1254	ND	0.49
Aroclor-1260	ND	0.49

Surrogate	%REC	Limits
TCMX	92	27-116
Decachlorobiphenyl	90	15-110

Type: BLANK Lab ID: QC144737

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	0.50
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	81	27-116
Decachlorobiphenyl	49	15-110

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3520
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Water	Batch#:	63445
Units:	ug/L	Prepared:	05/04/01
Diln Fac:	1.000	Analyzed:	05/07/01

Type: BS Lab ID: QC144738

Analyte	Spiked	Result	%REC	Limits
Aroclor-1260	5.000	5.430	109	46-111

Surrogate	%REC	Limits
TCMX	95	27-116
Decachlorobiphenyl	101	15-110

Type: BSD Lab ID: QC144739

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1260	5.000	4.482	90	46-111	19	26

Surrogate	%REC	Limits
TCMX	80	27-116
Decachlorobiphenyl	67	15-110

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	COMP A	Sampled:	05/01/01
Type:	SAMPLE	Analyzed:	05/07/01
Lab ID:	151795-006	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	19	12
Aroclor-1260	22	12

Surrogate	%REC	Limits
TCMX	129	39-150
Decachlorobiphenyl	104 b	33-144

Field ID:	COMP B	Sampled:	05/01/01
Type:	SAMPLE	Analyzed:	05/07/01
Lab ID:	151795-011	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	128	39-150
Decachlorobiphenyl	101 b	33-144

b= See narrative
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit
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Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	COMP C	Sampled:	05/03/01
Type:	SAMPLE	Analyzed:	05/07/01
Lab ID:	151795-016	Cleanup Method:	EPA 3665A
Diln Fac:	10.00		

Analyte	Result	RL
Aroclor-1016	ND	120
Aroclor-1221	ND	120
Aroclor-1232	ND	120
Aroclor-1242	ND	120
Aroclor-1248	ND	120
Aroclor-1254	ND	120
Aroclor-1260	ND	120

Surrogate	%REC	Limits
TCMX	DO	39-150
Pecachlorobiphenyl	DO	33-144

Field ID:	COMP D	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/09/01
Lab ID:	151795-022	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	34	12

Surrogate	%REC	Limits
CMX	108	39-150
Pecachlorobiphenyl	84 b	33-144



Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	COMP E	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-027	Cleanup Method:	EPA 3665A
Diln Fac:	10.00		

Analyte	Result	RL
Aroclor-1016	ND	120
Aroclor-1221	ND	120
Aroclor-1232	ND	120
Aroclor-1242	ND	120
Aroclor-1248	ND	120
Aroclor-1254	ND	120
Aroclor-1260	ND	120

Surrogate	%REC	Limits
TCMX	DO	39-150
Decachlorobiphenyl	DO	33-144

Field ID:	COMP F	Sampled:	05/01/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-033	Cleanup Method:	EPA 3665A
Diln Fac:	10.00		

Analyte	Result	RL
Aroclor-1016	ND	120
Aroclor-1221	ND	120
Aroclor-1232	ND	120
Aroclor-1242	ND	120
Aroclor-1248	ND	120
Aroclor-1254	ND	120
Aroclor-1260	ND	120

Surrogate	%REC	Limits
TCMX	DO	39-150
Decachlorobiphenyl	DO	33-144

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	COMP G	Sampled:	05/01/01
Type:	SAMPLE	Analyzed:	05/09/01
Lab ID:	151795-038	Cleanup Method:	EPA 3665A
Diln Fac:	10.00		

Analyte	Result	RL
Aroclor-1016	ND	120
Aroclor-1221	ND	120
Aroclor-1232	ND	120
Aroclor-1242	ND	120
Aroclor-1248	ND	120
Aroclor-1254	ND	120
Aroclor-1260	ND	120

Surrogate	%REC	Limits
TCMX	DO	39-150
Decachlorobiphenyl	DO	33-144

Field ID:	COMP H	Sampled:	05/03/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-043	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	120	39-150
Decachlorobiphenyl	101 b	33-144

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	COMP I	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/09/01
Lab ID:	151795-048	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	28	12

Surrogate	%REC	Limits
TCMX	129	39-150
Decachlorobiphenyl	100 b	33-144

Field ID:	COMP J	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-053	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	114	39-150
Decachlorobiphenyl	91 b	33-144

Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Field ID:	SB-4;1-1.5	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-060	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	122	39-150
Decachlorobiphenyl	108 b	33-144

Field ID:	SB-4;4.5-5	Sampled:	05/02/01
Type:	SAMPLE	Analyzed:	05/08/01
Lab ID:	151795-061	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	107	39-150
Decachlorobiphenyl	94 b	33-144

Polychlorinated Biphenyls (PCBs)			
Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	63472
Units:	ug/Kg	Received:	05/03/01
Basis:	wet	Prepared:	05/07/01

Type:	BLANK	Analyzed:	05/07/01
Lab ID:	QC144835	Cleanup Method:	EPA 3665A
Diln Fac:	1.000		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	12
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	121	39-150
Decachlorobiphenyl	109 b	33-144



Polychlorinated Biphenyls (PCBs)

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC144836	Batch#:	63472
Matrix:	Soil	Prepared:	05/07/01
Units:	ug/Kg	Analyzed:	05/07/01
Basis:	wet		

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
rochlor-1260	164.3	177.7	108	58-124

Surrogate	%REC	Limits
CMX	120	39-150
Decachlorobiphenyl	109 b	33-144

Polychlorinated Biphenyls (PCBs)			
Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	63472
MSS Lab ID:	151807-002	Sampled:	05/03/01
Matrix:	Soil	Received:	05/03/01
Units:	ug/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/07/01
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3665A
 Lab ID: QC144837

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1260	47.62	165.6	205.8	96	26-133

Surrogate	%REC	Limits
TCMX	129	39-150
Decachlorobiphenyl	105 b	33-144

Type: MSD Cleanup Method: EPA 3665A
 Lab ID: QC144838

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1260	166.1	203.9	94	26-133	1	40

Surrogate	%REC	Limits
TCMX	129	39-150
Decachlorobiphenyl	107 b	33-144

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Lab #:	151795	Project#:	STANDARD
Client:	Baseline Environmental	Location:	Embarcadero Cove, POO
Field ID:	COMP B	Basis:	wet
Lab ID:	151795-011	Diln Fac:	1.000
Matrix:	Soil	Sampled:	05/01/01
Units:	mg/Kg	Received:	05/03/01

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	2.8	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Arsenic	4.3	0.23	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Barium	65	0.46	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Beryllium	0.26	0.093	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Cadmium	2.1	0.23	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Chromium	16	0.46	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Cobalt	6.4	0.93	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Copper	75	0.46	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Lead	32	0.14	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Mercury	0.083	0.020	63469	05/07/01	05/07/01	METHOD	EPA 7471
Molybdenum	ND	0.93	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Nickel	27	0.93	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Selenium	ND	0.23	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Silver	ND	0.23	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Thallium	ND	0.23	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Vanadium	25	0.46	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Zinc	61	0.93	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B

California Title 26 Metals

Lab #:	151795	Project#:	STANDARD
Client:	Baseline Environmental	Location:	Embarcadero Cove, POO
Field ID:	COMP C	Basis:	wet
Lab ID:	151795-016	Diln Fac:	1.000
Matrix:	Soil	Sampled:	05/03/01
Units:	mg/Kg	Received:	05/03/01

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	3.0	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Arsenic	6.1	0.25	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Barium	150	0.50	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Beryllium	0.29	0.099	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Cadmium	1.7	0.25	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Chromium	23	0.50	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Cobalt	6.4	0.99	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Copper	26	0.50	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Lead	31	0.15	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Mercury	0.30	0.018	63469	05/07/01	05/07/01	METHOD	EPA 7471
Molybdenum	ND	0.99	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Nickel	36	0.99	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Selenium	ND	0.25	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Silver	ND	0.25	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Thallium	0.39	0.25	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Vanadium	26	0.50	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B
Zinc	69	0.99	63449	05/04/01	05/07/01	EPA 3050	EPA 6010B

California Title 26 Metals

Lab #:	151795	Project#:	STANDARD
Client:	Baseline Environmental	Location:	Embarcadero Cove, POO
Field ID:	COMP D	Basis:	wet
Lab ID:	151795-022	Diln Fac:	1.000
Matrix:	Soil	Sampled:	05/02/01
Units:	mg/Kg	Received:	05/03/01

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	2.9	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Arsenic	3.8	0.24	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Barium	110	0.48	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Beryllium	0.39	0.096	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Cadmium	2.2	0.24	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Chromium	21	0.48	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Cobalt	8.0	0.96	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Copper	24	0.48	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Lead	29	0.14	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Mercury	0.46	0.019	63469	05/07/01	05/07/01	METHOD	EPA 7471
Molybdenum	ND	0.96	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Nickel	41	0.96	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Selenium	ND	0.24	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Silver	ND	0.24	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Thallium	0.77	0.24	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Vanadium	34	0.48	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Zinc	92	0.96	63449	05/04/01	05/08/01	EPA 3050	EPA 6010B

ND= Not Detected

RL= Reporting Limit

California Title 26 Metals

Lab #:	151795	Project#:	STANDARD
Client:	Baseline Environmental	Location:	Embarcadero Cove, POO
Field ID:	COMP E	Basis:	wet
Lab ID:	151795-027	Sampled:	05/02/01
Matrix:	Soil	Received:	05/03/01
Units:	mg/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	2.9	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Arsenic	9.2	0.24	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Barium	2,200	9.5	20.00		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Beryllium	0.45	0.095	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Cadmium	3.8	0.24	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Chromium	39	0.48	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Cobalt	7.6	0.95	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Copper	450	0.48	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Lead	1,500	0.14	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Mercury	0.64	0.019	1.000		63469	05/07/01	05/07/01	METHOD	EPA 7471
Molybdenum	3.0	0.95	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Nickel	69	0.95	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Selenium	ND	0.24	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Silver	0.25	0.24	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Thallium	0.39	0.24	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Vanadium	30	0.48	1.000		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B
Zinc	1,600	19	20.00		63449	05/04/01	05/08/01	EPA 3050	EPA 6010B

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144749	Batch#:	63449
Matrix:	Miscell.	Prepared:	05/04/01
Units:	mg/Kg	Analyzed:	05/07/01
Basis:	wet		

Analyte	Result	RL
Antimony	ND	3.0
Arsenic	ND	0.25
Barium	ND	0.50
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.50
Cobalt	ND	1.0
Copper	ND	0.50
Lead	ND	0.15
Molybdenum	ND	1.0
Nickel	ND	1.0
Selenium	ND	0.25
Silver	ND	0.25
Thallium	ND	0.25
Vanadium	ND	0.50
Zinc	ND	1.0

ND = Not Detected

RL = Reporting Limit

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Basis:	wet
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144805	Batch#:	63465
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/07/01

Result	RL
ND	0.15

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471
Analyte:	Mercury	Basis:	wet
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144823	Batch#:	63469
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/07/01

Result

RL

ND

0.020

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Basis:	wet
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC144875	Batch#:	63482
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/08/01

Result	RL
ND	0.15



California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Miscell.	Batch#:	63449
Units:	mg/Kg	Prepared:	05/04/01
Basis:	wet	Analyzed:	05/07/01
Diln Fac:	1.000		

Type: BS Lab ID: QC144750

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	100.0	100	73-111
Arsenic	50.00	43.90	88	74-110
Barium	100.0	87.00	87	76-110
Beryllium	2.500	2.225	89	77-110
Cadmium	10.00	8.450	85	75-112
Chromium	100.0	85.00	85	73-111
Cobalt	25.00	20.80	83	74-110
Copper	12.50	11.05	88	75-111
Lead	100.0	83.50	84	70-110
Molybdenum	20.00	17.60	88	75-110
Nickel	25.00	21.75	87	74-111
Selenium	50.00	41.85	84	73-111
Silver	10.00	8.450	85	70-115
Thallium	50.00	41.60	83	75-110
Vanadium	25.00	21.70	87	74-110
Zinc	25.00	21.50	86	68-110

Type: BSD Lab ID: QC144751

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	97.50	98	73-111	3	20
Arsenic	50.00	42.40	85	74-110	3	20
Barium	100.0	84.50	85	76-110	3	23
Beryllium	2.500	2.160	86	77-110	3	20
Cadmium	10.00	8.200	82	75-112	3	20
Chromium	100.0	83.00	83	73-111	2	23
Cobalt	25.00	20.25	81	74-110	3	24
Copper	12.50	10.75	86	75-111	3	22
Lead	100.0	81.50	82	70-110	2	20
Molybdenum	20.00	17.10	86	75-110	3	20
Nickel	25.00	21.50	86	74-111	1	21
Selenium	50.00	40.70	81	73-111	3	20
Silver	10.00	8.200	82	70-115	3	39
Thallium	50.00	40.20	80	75-110	3	20
Vanadium	25.00	21.45	86	74-110	1	20
Zinc	25.00	21.15	85	68-110	2	22

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	63449
MSS Lab ID:	151785-001	Sampled:	05/02/01
Matrix:	Soil	Received:	05/02/01
Units:	mg/Kg	Prepared:	05/04/01
Basis:	wet	Analyzed:	05/07/01
Diln Fac:	1.000		

Type: MS Lab ID: QC144752

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	2.358	97.09	10.39	8 *	15-112
Arsenic	<0.9400	48.54	34.42	71	51-114
Barium	97.55	97.09	166.0	71	29-149
Beryllium	0.2583	2.427	2.112	76	56-116
Cadmium	3.309	9.709	10.05	69	35-128
Chromium	90.20	97.09	155.8	68	23-141
Cobalt	24.17	24.27	40.53	67	45-115
Copper	55.39	12.14	62.14	56 NM	36-132
Lead	0.8529	97.09	69.42	71	31-133
Molybdenum	0.2186	19.42	9.515	48	34-121
Nickel	61.27	24.27	82.04	86	32-132
Selenium	0.1436	48.54	30.34	62	40-118
Silver	<0.02100	9.709	7.573	78	36-137
Thallium	0.7745	48.54	35.39	71	55-109
Vanadium	83.33	24.27	99.51	67	22-142
Zinc	72.06	24.27	100.0	115	30-132

Type: MSD Lab ID: QC144753

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	99.50	11.39	9 *	15-112	7	48
Arsenic	49.75	35.77	72	51-114	1	39
Barium	99.50	175.6	78	29-149	4	29
Beryllium	2.488	2.159	76	56-116	0	21
Cadmium	9.950	10.25	70	35-128	0	27
Chromium	99.50	160.2	70	23-141	1	34
Cobalt	24.88	41.54	70	45-115	1	34
Copper	12.44	62.69	59 NM	36-132	0	38
Lead	99.50	71.14	71	31-133	0	40
Molybdenum	19.90	10.20	50	34-121	5	37
Nickel	24.88	80.60	78	32-132	2	31
Selenium	49.75	31.29	63	40-118	1	39
Silver	9.950	7.861	79	36-137	1	46
Thallium	49.75	36.62	72	55-109	1	45
Vanadium	24.88	99.50	65	22-142	1	26
Zinc	24.88	97.51	102	30-132	3	34

*= Value outside of QC limits; see narrative

NM= Not Meaningful

RPD= Relative Percent Difference

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63465
Units:	mg/Kg	Prepared:	05/07/01
Basis:	wet		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
BS	QC144806	100.0	81.50	82	70-110			05/07/01
BSD	QC144807	100.0	86.50	87	70-110	6	20	05/08/01

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	RN-A1;1.5-2	Batch#:	63465
MSS Lab ID:	151795-002	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	mg/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/07/01

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC144808	32.83	88.11	98.68	75	31-133		
MSD	QC144809		90.91	95.00	68	31-133	6	40

RPD= Relative Percent Difference
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Curtis & Tompkins, Ltd.



California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63469
Units:	mg/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/07/01

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC144824	0.5000	0.5000	100	80-114		
BSD	QC144825	0.5000	0.5030	101	80-114	1	130

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	63469
MSS Lab ID:	151817-001	Sampled:	05/04/01
Matrix:	Soil	Received:	05/04/01
Units:	mg/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/07/01

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC144826	0.1735	0.4717	0.6943	110	62-135		
MSD	QC144827		0.4902	0.7167	111	62-135	0	35

RPD= Relative Percent Difference

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Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Matrix:	Soil	Batch#:	63482
Units:	mg/Kg	Prepared:	05/07/01
Basis:	wet	Analyzed:	05/08/01

Type	Lab ID	Spiked	Result	%REC	Limits	KPD	Lim
BS	QC144876	100.0	86.00	86	70-110		
BSD	QC144877	100.0	82.50	83	70-110	4	20

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Basis:	wet
Field ID:	RN-A1;4.5-5	Diln Fac:	1.000
Type:	SDUP	Batch#:	63482
MSS Lab ID:	151795-029	Sampled:	05/01/01
Lab ID:	QC144878	Received:	05/03/01
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/08/01

MSS Result	Result	RL	RPD	Lim
41.48	41.00	0.15	1	40

California Title 26 Metals

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Basis:	wet
Field ID:	RN-A1;4.5-5	Diln Fac:	1.000
Type:	SSPIKE	Batch#:	63482
MSS Lab ID:	151795-029	Sampled:	05/01/01
Lab ID:	QC144879	Received:	05/03/01
Matrix:	Soil	Prepared:	05/07/01
Units:	mg/Kg	Analyzed:	05/08/01

MSS Result	Spiked	Result	%REC	Limits
41.48	94.79	130.8	94	31-133

California Title 26 Metals

Lab #:	151795	Project#:	STANDARD
Client:	Baseline Environmental	Location:	Embarcadero Cove, POO
Field ID:	COMP A	Diln Fac:	1.000
Lab ID:	151795-006	Sampled:	05/01/01
Matrix:	Soil	Received:	05/03/01
Units:	mg/Kg	Analyzed:	05/07/01
Basis:	wet		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	2.9	63449	05/04/01	EPA 3050	EPA 6010B
Arsenic	10	0.24	63449	05/04/01	EPA 3050	EPA 6010B
Barium	41	0.48	63449	05/04/01	EPA 3050	EPA 6010B
Beryllium	0.21	0.095	63449	05/04/01	EPA 3050	EPA 6010B
Cadmium	1.0	0.24	63449	05/04/01	EPA 3050	EPA 6010B
Chromium	22	0.48	63449	05/04/01	EPA 3050	EPA 6010B
Cobalt	5.3	0.95	63449	05/04/01	EPA 3050	EPA 6010B
Copper	17	0.48	63449	05/04/01	EPA 3050	EPA 6010B
Lead	24	0.14	63449	05/04/01	EPA 3050	EPA 6010B
Mercury	0.14	0.019	63469	05/07/01	METHOD	EPA 7471
Molybdenum	1.2	0.95	63449	05/04/01	EPA 3050	EPA 6010B
Nickel	25	0.95	63449	05/04/01	EPA 3050	EPA 6010B
Selenium	0.36	0.24	63449	05/04/01	EPA 3050	EPA 6010B
Silver	ND	0.24	63449	05/04/01	EPA 3050	EPA 6010B
Thallium	ND	0.24	63449	05/04/01	EPA 3050	EPA 6010B
Vanadium	20	0.48	63449	05/04/01	EPA 3050	EPA 6010B
Zinc	40	0.95	63449	05/04/01	EPA 3050	EPA 6010B



Lead

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Units:	mg/Kg	Received:	05/03/01
Basis:	wet		

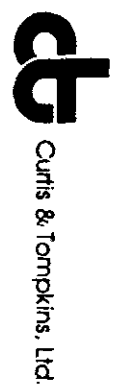
Field ID	Type	Lab ID	Matrix	Result	RL	Batch#	Sampled	Prepared	Analyzed
RN-A1;1.5-2	SAMPLE	151795-002	Soil	33	0.13	63465	05/01/01	05/07/01	05/07/01
RN-A2;1-1.5	SAMPLE	151795-003	Soil	22	0.13	63465	05/01/01	05/07/01	05/07/01
RN-A3;0.5-1	SAMPLE	151795-004	Soil	38	0.13	63465	05/01/01	05/07/01	05/07/01
RN-A4;1.0-1.5	SAMPLE	151795-005	Soil	14	0.13	63465	05/01/01	05/07/01	05/07/01
RN-B1;1-1.5	SAMPLE	151795-007	Soil	7.4	0.13	63465	05/01/01	05/07/01	05/07/01
RN-B2;1-1.5	SAMPLE	151795-008	Soil	8.1	0.13	63465	05/01/01	05/07/01	05/08/01
RN-B3;1.5-2	SAMPLE	151795-009	Soil	39	0.13	63465	05/01/01	05/07/01	05/08/01
RN-B4;0-0.5	SAMPLE	151795-010	Soil	5.9	0.12	63465	05/01/01	05/07/01	05/08/01
RN-C1;1-1.5	SAMPLE	151795-012	Soil	29	0.13	63465	05/03/01	05/07/01	05/08/01
RN-C2;0.25-0.75	SAMPLE	151795-013	Soil	49	0.14	63465	05/03/01	05/07/01	05/08/01
RN-C3;1-1.5	SAMPLE	151795-014	Soil	25	0.14	63465	05/03/01	05/07/01	05/08/01
RN-C4;1-1.5	SAMPLE	151795-015	Soil	35	0.12	63465	05/03/01	05/07/01	05/08/01
RN-D1;0.5-1	SAMPLE	151795-018	Soil	65	0.13	63465	05/03/01	05/07/01	05/08/01
RN-D2;1-1.5	SAMPLE	151795-019	Soil	6.4	0.13	63465	05/03/01	05/07/01	05/09/01
RN-D3;1.5-2	SAMPLE	151795-020	Soil	8.1	0.14	63465	05/02/01	05/07/01	05/09/01
RN-D4;0.5-1	SAMPLE	151795-021	Soil	12	0.13	63465	05/02/01	05/07/01	05/09/01
RN-E1;0.5-1	SAMPLE	151795-023	Soil	6.7	0.12	63465	05/02/01	05/07/01	05/09/01
RN-E2;1.5-2	SAMPLE	151795-024	Soil	4.9	0.13	63465	05/02/01	05/07/01	05/09/01
RN-E3;0-0.5	SAMPLE	151795-025	Soil	110	0.12	63465	05/02/01	05/07/01	05/09/01
RN-E4;0.5-1	SAMPLE	151795-026	Soil	6.9	0.13	63465	05/02/01	05/07/01	05/09/01
RN-A1;4.5-5	SAMPLE	151795-029	Soil	41	0.15	63482	05/01/01	05/07/01	05/08/01
RN-A2;4.5-5	SAMPLE	151795-030	Soil	31	0.15	63482	05/01/01	05/07/01	05/08/01
RN-A3;4.5-5	SAMPLE	151795-031	Soil	670	0.15	63482	05/01/01	05/07/01	05/08/01
RN-A4;4.5-5	SAMPLE	151795-032	Soil	26	0.14	63482	05/01/01	05/07/01	05/08/01
RN-B1;4.5-5	SAMPLE	151795-034	Soil	12	0.14	63482	05/01/01	05/07/01	05/08/01
RN-B2;4.25-4.75	SAMPLE	151795-035	Soil	4.3	0.14	63482	05/01/01	05/07/01	05/08/01
RN-B3;4.5-5	SAMPLE	151795-036	Soil	830	0.15	63482	05/01/01	05/07/01	05/08/01
RN-B4;4-4.5	SAMPLE	151795-037	Soil	90	0.12	63482	05/01/01	05/07/01	05/08/01
RN-C1;4.5-5	SAMPLE	151795-039	Soil	8.5	0.13	63482	05/03/01	05/07/01	05/08/01
RN-C2;4.5-5	SAMPLE	151795-040	Soil	120	0.14	63482	05/03/01	05/07/01	05/08/01
RN-C3;4.5-5	SAMPLE	151795-041	Soil	3.5	0.14	63482	05/03/01	05/07/01	05/08/01
RN-C4;4.5-5	SAMPLE	151795-042	Soil	49	0.14	63482	05/03/01	05/07/01	05/08/01
RN-D1;4.5-5	SAMPLE	151795-044	Soil	11	0.14	63482	05/03/01	05/07/01	05/08/01
RN-D2;4.5-5	SAMPLE	151795-045	Soil	27	0.15	63482	05/03/01	05/07/01	05/08/01
RN-D3;4.5-5	SAMPLE	151795-046	Soil	40	0.14	63482	05/02/01	05/07/01	05/09/01
RN-D4;4.5-5	SAMPLE	151795-047	Soil	28	0.15	63482	05/02/01	05/07/01	05/09/01
RN-E1;4.5-5	SAMPLE	151795-049	Soil	35	0.14	63482	05/02/01	05/07/01	05/09/01
RN-E2;4.5-5	SAMPLE	151795-050	Soil	6.1	0.15	63482	05/02/01	05/07/01	05/09/01
RN-E3;4.5-5	SAMPLE	151795-051	Soil	91	0.15	63482	05/03/01	05/07/01	05/09/01
RN-E4;4.5-5	SAMPLE	151795-052	Soil	42	0.13	63482	05/03/01	05/07/01	05/09/01
	BLANK	QC144749	Miscell.	ND	0.15	63449		05/04/01	05/07/01
	BLANK	QC144805	Soil	ND	0.15	63465		05/07/01	05/07/01
	BLANK	QC144875	Soil	ND	0.15	63482		05/07/01	05/08/01

Lead

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Basis:	wet
Units:	mg/Kg	Diln Fac:	1.000

Field ID	Type	MSS Lab ID	Lab ID	Matrix	MSS Result	Spiked	Result	RL	MPEC	Limits	RPD	Lim	Batch#	Sampled	Received	Prepared	Analyzed
	BS		QC144750	Miscell.		100.0	83.50		84	70-110			63449			05/04/01	05/07/01
	BSD		QC144751	Miscell.		100.0	81.50		82	70-110	2	20	63449			05/04/01	05/07/01
ZZZZZZZZZ	MS	151785-001	QC144752	Soil	0.8529	97.09	69.42		71	31-133			63449	05/02/01	05/02/01	05/04/01	05/07/01
ZZZZZZZZZ	MSD	151785-001	QC144753	Soil		99.50	71.14		71	31-133	0	40	63449	05/02/01	05/02/01	05/04/01	05/07/01
	BS		QC144806	Soil		100.0	81.50		82	70-110			63465			05/07/01	05/07/01
	BSD		QC144807	Soil		100.0	86.50		87	70-110	6	20	63465			05/07/01	05/08/01
RN-A1;1.5-2	MS	151795-002	QC144808	Soil	32.83	88.11	98.68		75	31-133			63465	05/01/01	05/03/01	05/07/01	05/07/01
RN-A1;1.5-2	MSD	151795-002	QC144809	Soil		90.91	95.00		68	31-133	6	40	63465	05/01/01	05/03/01	05/07/01	05/07/01
	BS		QC144876	Soil		100.0	86.00		86	70-110			63482			05/07/01	05/08/01
	BSD		QC144877	Soil		100.0	82.50		83	70-110	4	20	63482			05/07/01	05/08/01
RN-A1;4.5-5	SDUP	151795-029	QC144878	Soil	41.48		41.00	0.15			1	40	63482	05/01/01	05/03/01	05/07/01	05/08/01
RN-A1;4.5-5	SSPIKE	151795-029	QC144879	Soil	41.48	94.79	130.8		94	31-133			63482	05/01/01	05/03/01	05/07/01	05/08/01

RL= Reporting Limit
 RPD= Relative Percent Difference
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Hexavalent Chromium

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196
Analyte:	Hexavalent Chromium	Batch#:	63439
Field ID:	SB-3	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	mg/L	Analyzed:	05/03/01
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	151795-001	ND	0.01
BLANK	QC144713	ND	0.01

Hexavalent Chromium

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	63439
MSS Lab ID:	151798-008	Sampled:	05/03/01
Matrix:	Water	Received:	05/03/01
Units:	mg/L	Analyzed:	05/03/01

Type	Lab ID	MSS Result	Spiked	Result	PREC	Limits	RPD	Lim
LCS	QC144714		0.8000	0.8020	100	80-116		
MS	QC144715	<0.01000	0.8000	0.8240	103	25-150		
MSD	QC144716		0.8000	0.8240	103	25-150	0	27

RPD= Relative Percent Difference
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Hexavalent Chromium

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196
Analyte:	Hexavalent Chromium	Batch#:	63536
Matrix:	Soil	Sampled:	05/01/01
Units:	mg/Kg	Received:	05/03/01
Basis:	wet	Analyzed:	05/09/01
Diln Fac:	1.000		

Field ID	Type	Lab ID	Result	RL
SB-3;0.5-1	SAMPLE	151795-058	ND	0.05
SB-3;3.5-4	SAMPLE	151795-059	ND	0.05
	BLANK	QC145058	ND	0.05

Hexavalent Chromium

Lab #:	151795	Location:	Embarcadero Cove, POO
Client:	Baseline Environmental	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	63536
MSS Lab ID:	151817-003	Sampled:	05/04/01
Matrix:	Soil	Received:	05/04/01
Units:	mg/Kg	Analyzed:	05/09/01
Basis:	wet		

Type	Lab ID	MSS Result	Spiked	Result	RL	UREC	Limits	RPD	Lim
LCS	QC145059		3.800	3.814		100	80-116		
SDUP	QC145060	<0.05000		<0.05000	0.05			NC	24
MS	QC145061	<0.05000	3.800	1.601		42 *	62-132		

*= Value outside of QC limits; see narrative

NC= Not Calculated

RL= Reporting Limit

RPD= Relative Percent Difference

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