ALAMEDA COUNTY

HEALTH CARE SERVICES





DAVID J. KEARS, Agency Director-

December 10, 1997

Paul and Edith Rawn 3263 Fernside Blvd. Alameda CA 94501 ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

RE:

Workplan for Preliminary Soil and Groundwater Investigation Former Sinclair Paint Site, 2040 San Pablo Av., Oakland CA 94612(Our site # 6548)

Dear Mr. and Mrs. Rawn:

In October of 1997 I reviewed the workplan submitted by Clearwater Revival which proposed advancement of five soil borings and analysis of soil and groundwater samples from each. I called Patrick Lynch of Clearwater on October 17 and told him the proposal was acceptable to this Office and that work could begin.

Today I discussed the site investigation with Mr. Lynch, who told me that any tanks appear to have been removed some years ago. However, fuel piping remains at the site. Mr. Lynch also told me that some fuel contamination has been detected in groundwater.

If you seek a closure (or "no further action") letter from this Office, please forward a copy of the investigation report to me for review. Please include as much information as possible about tank history and your efforts to locate any tanks.

You may contact me with any questions at (510)567-5770.

Sincerely,

Pamela J. Evans

Senior Hazardous Materials Specialist

c Dick Pantages, Environmental Health Services
Patrick Lynch, Clearwater Revival Company, 305 Spruce St., Alameda CA 94501



305 Spruce Street Alameda, CA 94501

97-2036-00

(510) 522-2165 FAX (510) 522-8520 email: ClearH2O.Rev@eworld.com

September 29, 1997

Ms. Pamela Evans Alameda County Health Care Services Agency 1131 Harbor Bay Parkway Alameda, CA 94502

CO CO

Preliminary Soil and Groundwater Investigation
Former Sinclair Paint Site
2040 San Pablo Avenue
Oakland, California

Dear Ms. Evans:

As a follow-up to our discussion last week, Clearwater Revival Company (CRC) has enclosed a copy of our proposed work plan for a soil and groundwater investigation at the above referenced leaking underground fuel storage tank (LUFT) site. The site location is shown in Figure 1. The site owners are:

Paul and Edith Rawn 3263 Fernside Blvd. Alameda, CA 94501

Preliminary observations indicate a fuel release at the site. The suspected LUFTs have been inactive for over 20 years, and no information is available to determine if the LUFTs were removed or abandoned in place by the former operators. The site contains a single structure which is vacant. It was most recently occupied by Sinclair Paints.

CRC understands from our discussion that closure of any LUFTs that remain at the site will be required by the County. This would include the removal of the underground fuel piping that is present at the site. The results of the soil and groundwater investigation will be presented in a Summary Report. The Summary Report will include a closure plan for any tanks or buried fuel piping that are identified during this preliminary investigation.

A check to Alameda County's Local Oversight Program in the amount of \$936.00 is enclosed as a deposit. This fee is based on the assumption that two LUFTs will require later removal from the site. Unused funds can be refunded to the Site Owners.

The investigation will begin upon receipt of a directive from the County. The work (permitting, field work, lab turnaround, and report preparation) will take about four weeks to complete. CRC is interested in expediting this work to minimize potential weather impacts on the proposed investigation, and on any future site work that is proposed.

CRC appreciates your attention to this matter and looks forward to receiving a directive from the County to perform this work. If you have any questions please call me at (510) 522 -2165.

Sincerely,

Patrick G. Lynch, P.E.

Principal Engineer

Enclosures:

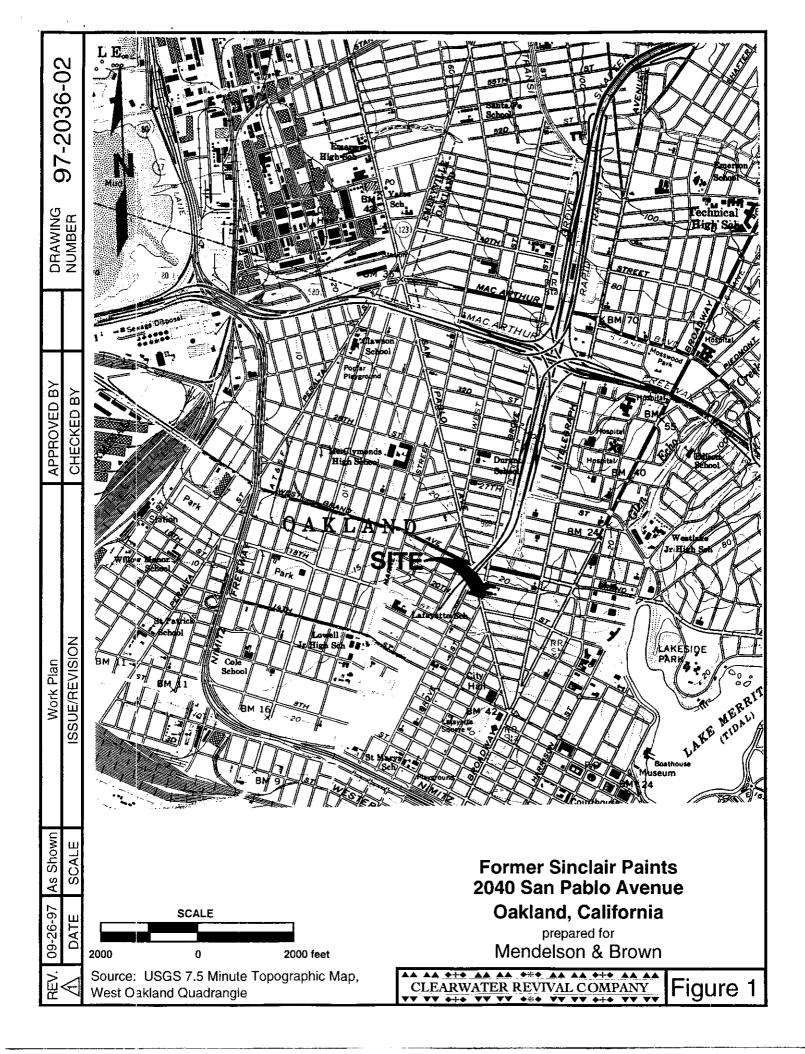
Figure 1 - Site Location Map

Attachment 1 - Preliminary Site Assessment Proposal

cc: Paul and Edith Rawn

Thomas Sullivan, Mendelson & Brown, LLP

10/16/27- Called Patrick Lynch + told him that this plan looks BE OK to me-proceed.





305 Spruce Street Alameda, CA 94501

(510) 522-2165 FAX (510) 522-8520

September 3, 1997

email: ClearH2O.Rev@eworld.com

Mr. Thomas Sullivan Mendelson & Brown, LLP 1040 Marina Village Parkway, Suite B Alameda, CA 94501

Proposal

Preliminary Site Assessment Former Sinclair Paints Site Oakland, California

Dea: Mr. Sullivan:

Clearwater Revival Company appreciates the opportunity to submit this proposal to perform a preliminary assessment of soil and groundwater conditions at an underground fuel tank release site at the Former Sinclair Paints Site at 2040 San Pablo Blvd., Oakland, California.

PROJECT UNDERSTANDING

CRC understands that fuel piping, and a portion of an underground storage tank were observed during exploratory trenching that was recently performed at the site. A strong hydrocarbon odor was also detected during this work.

A preliminary review of Sanborn Fire Insurance maps shows that the site operated as a gasoline service station in 1931 and 1951. The buildings and apparent tank locations differed between the two dates, indicating that uncerground tanks may have been installed at more than one location at the site.

A preliminary site assessment is proposed to identify potential hydrocarbon source areas and to perform preliminary determination of the extent of hydrocarbons in groundwater within the boundaries of the site.

SCOPE OF WORK

Owner has had a contractor investigate the site with a metal detector, narrowed down possible location

TASK 1-PRELIMINARY WORK work be described in the preliminary site assess-

Prior to initiating field work a review of historical aerial photographs will be performed to identify the locations of former buildings, fuel islands, and tank fill ports at the site. Based on the results of the aerial photograph review the proposed hydro-punch borings locations shown on Figure 1 will be refined.

Underground Service Alert and an independent utility locating service will be used to clear boring locations on the site. The utility locating service will also be used to investigate suspected tank locations identified from aerial photographs to make a preliminary determination if buried tanks remain at these locations.

A site specific health and safety plan will also be prepared to address potential health risks to contractor personnel from exposure to petroleum hydrocarbons during sampling activities. As a minimum, the plan will require that all onsite personnel be trained in accordance with Cal-OSHA requirements (8 CCR 5192).

TASK 2 - SITE SAMPLING

Five hydro-punch borings will be advanced to the groundwater surface estimated to be at a depth of 15 feet. The hydro-punch borings will be approximately located as shown in Figure 1. These locations were chosen based on the assumed southwesterly groundwater flow direction.

Soil sampling locations were proposed based on the following rationale:

- HP-1 Downgradient of potential fuel pump island
- HP-2 Upgradient of potential tank location #1
- HP-3 Downgradient of potential tank location #1
- HP-4 Downgradient of potential tank location #2
- HP-5 Downgradient boundary of site

A soil sample will be collected from a depth of approximately 12 feet. A shallow groundwater sample will also be collected from the hydro-punch at the depth of first encountered groundwater. Following sample collection each hydro-punch boring will be finished to grade with concrete grout.

Soil and groundwater samples will be submitted to a state certified laboratory for analysis. Samples will be analyzed for total petroleum hydrocarbons as gasoline by EPA Method 8015, and for benzene, toluene, ethylbenzene and xylenes by EPA Method 8020.

TASK 3 - SUMMARY REPORT

A technical report will be prepared and submitted to Alameda County Health Care Services Agency (ACHCSA) after review by Brown & Mendelson. The report will document the sampling methodology, sample locations and results of the sample chemical analysis.

Based on the results of the preliminary site assessment the report will make recommendations for case closure, additional sampling, or corrective action as appropriate.

SCHEDULE

The scope of work will take approximately 30 days to complete including two days of field work.

TERMS AND CONDITIONS

Clearwater Revival Company proposes to complete this project on a time and material basis according to mutually acceptable terms and conditions. The estimated time and material cost to complete the scope of work is \$5,145.00. A detailed cost estimate can be found in Attachment A.

We look forward to working with Brown and Mendelson on this project. If you have any questions on this proposal please call me at (510) 522-2165.

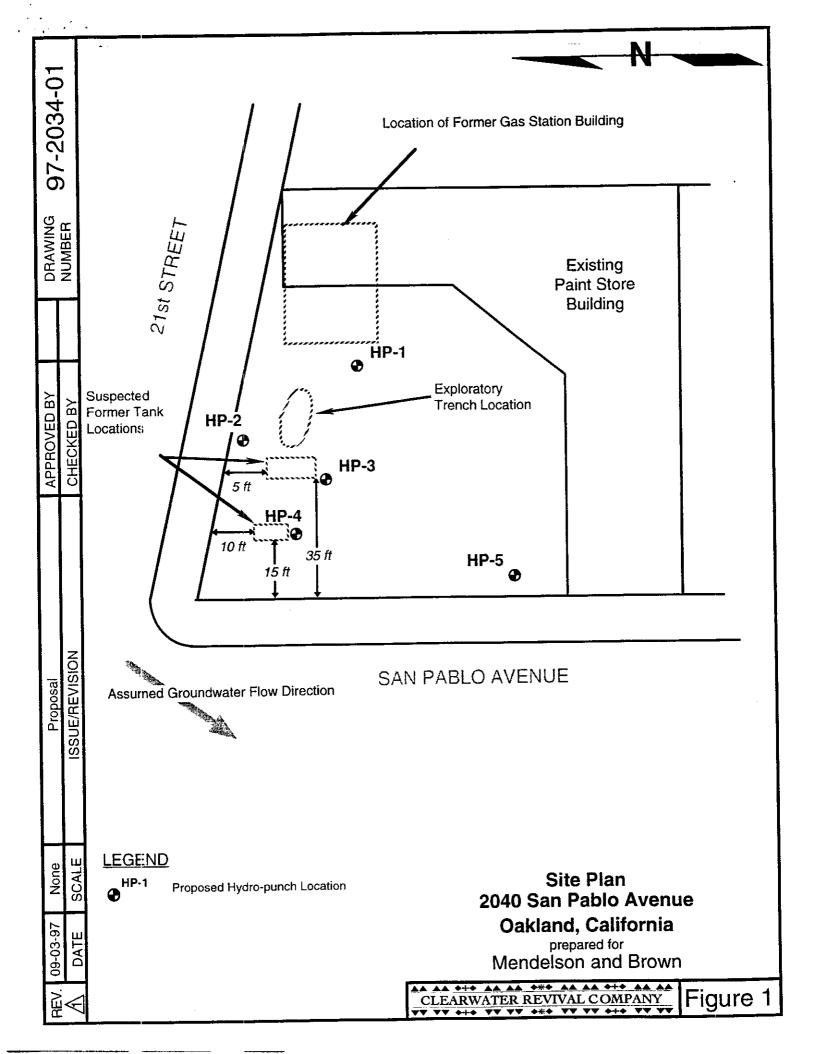
Sincerely,

Clearwater Revival Company

Patrick G. Lynch, P.E.

Project Engineer

Attachment A - Detailed Cost Estimate





305 Spruce Street Alameda, CA 94501

(510) 522-2165 FAX (510) 522-8520 email: Clear H2O.Rev@eworld.com

December 15, 1997

Ms. Pamela Evans Alameda County Health Care Services Agency 1131 Harbor Bay Parkway Alameda, CA 94502

Report
Preliminary Soil and Groundwater Investigation
Former Sinclair Paint Site
2040 San Pablo Avenue
Oakland, California

Dear Ms. Evans:

Clearwater Revival Company (CRC) has prepared this Investigation Report for the former Sinclair Paint site, 2040 San Pablo Avenue, Oakland, California. This preliminary investigation of soil and groundwater conditions was performed to investigate a suspected leaking underground fuel storage tank location at the property. The investigation workplan was approved by the Alameda County Health Care Services Agency (ACHCSA) on October 17, 1997.

Based on the results of the preliminary investigation, CRC is recommending no further action at the site. CRC is requesting that ACHCSA concur with our "no further action" recommendation and issue a closure letter to the site owner. The results of the preliminary investigation are discussed in the following sections.

PREVIOUS ACTIVITIES

The site owner previously performed a magnetometer survey which identified a suspected underground tank location in the parking area. An exploratory trench was dug with a back-hoe to investigate this area during August 1997. The trench exposed fuel and vent lines. Concrete debris and a piece of metal suspected to be the end of a former underground tank were encountered in the exploratory trench. Gasoline odors were also noted during this work. No buried tanks were uncovered.

CURRENT ACTIVITIES

CRC prepared a workplan to perform a preliminary soil and groundwater investigation at the site and submitted the workplan to ACHCSA for approval

on September 29, 1997. The preliminary investigation workplan called for a review of historical site information to evaluate potential underground fuel tank locations, and the collection of soil and groundwater samples from five locations for chemical analyses.

Site Description

A review of historical aerial photographs indicates that, prior to 1959, the Sinclair Paint site operated as a gasoline service station. Aerial photos and fire insurance maps show two different service station buildings at the site, one in the 1930's and the second in the 1950's.

The location of the former 1950's service station building, underground fuel storage tank and fuel pump islands are shown on Figure 2. The exploratory trench observations indicate that the underground fuel tank associated with the 1950's service station was removed.

The historical information reviewed did not indicate the location of underground tanks from the 1930's. It is possible that underground fuel tanks associated with this earlier station remain at the site.

California Utility Service was used to clear sampling locations of buried utilities. Locations of buried fuel and vent lines that remain at the site were marked. No potential underground storage tank locations were identified during this subsurface utility search.

Site Vicinity

ACHCSA's Local Oversight Program lists the Oakland Bus Depot, 2103 San Pablo Avenue, as a leaking underground fuel storage tank site. The Oakland Bus Depot is located immediately across the street from the Sinclair Paint site. Since tank removal was completed, a total of 14 groundwater monitoring wells have been installed at the Bus Depot site. The Bus Depot has recently completed operation of a hydrocarbon recovery system and is currently performing groundwater monitoring only.

A south-southeast groundwater flow direction has been consistently observed at the Bus Depot site. The Sinclair Paint site is located downgradient from the Bus Depot, as well as from three former gas stations identified during the historical review. Three service stations in close vicinity to the Sinclair Paints site were removed in the 1970's during construction of the State Highway 980 (see Figure 2).

These three sites include:

- 1) Floyd L. Begin Plaza, an Oakland Public Park on San Pablo Blvd. immediately northwest of the Sinclair Paint Site that previously operated as a Shell Oil station;
- 2) Castro Street and San Pablo Avenue immediately north of Bus Depot Castro Street was rerouted over the former gas station site;
- 3) San Pablo Blvd., beneath northeast side of Highway 980 Overpass.

Soil and Groundwater Sampling

On November 11, 1997, five hydro-punch borings (HP-1 to HP-5) were advanced at the Sinclair Paint site. Drilling was performed by Vironex using a Geoprobe 5400 system. Permits were obtained from the Alameda County Flood Control District Zone 7.

The depths of borings ranged from 22 to 26 feet. The two-inch diameter borings were continuously sampled. Borings logs, prepared by a Clearwater Group, Inc., geologist, are included in Appendix A. An organic vapor meter (OVM) was used to screen each soil sample. OVM measurements are recorded on the boring logs.

Based on the OVM screening, a soil sample was collected from each soil boring, scaled and placed in a ice chest for transportation under chain of custody to Entech Analytical Labs. Entech performed chemical analysis for total petroleum hydrocarbons as gasoline (TPHG) by EPA method 8015 modified and for benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl t-butyl ether (MTBE), by EPA Method 8020. All compounds were reported as non-detectable. Soil sample results are summarized in Table 1. Certified analytical reports can be found in Appendix B.

Groundwater was encountered at 20 to 23 feet deep. A grab groundwater sample was collected from each hydro-punch boring using a stainless steel bailer. Each groundwater sample was analyzed for TPHG, BTEX and MTBE. Groundwater samples results are summarized in Table 2. Certified analytical reports can be found in Appendix B.

Petroleum hydrocarbons were detected in groundwater samples at four of the five sample locations. Non-detectable levels of TPHG, BTEX, and MTBE were reported in the groundwater sample collected from HP-5. HP-1 was also the only sample to contain MTBE at a concentration of $6.8\,\mu\text{g}/\text{L}$.

TPHG was reported in groundwater samples from four locations. The TPHG concentrations ranged from 780 μ g/L in HP-1 to 100 μ g/L in HP-2.

BTEX were reported in groundwater samples from three locations. The highest concentration of benzene, 39 μ g/L, was found in groundwater samples from HP-1. The groundwater sample collected from HP-3 and H-4 reported benzene concentrations of 1.9 μ g/L and 0.77 μ g/L, respectively.

RECOMMENDATIONS

The results of the investigation indicate that underground storage tanks were removed from the site over 40 years ago. Despite the time that has passed since the site last operated as a gasoline service station, detectable levels of TPHG and BTEX are still found in groundwater beneath the site. Based on these preliminary investigation results, however, no corrective action at the site is recommended.

This recommendation for no further action is based on:

- 1) The impacted groundwater aquifer is not currently being used as a source of drinking water. A proposed amendment to the San Francisco Bay Area Water Quality Control Plan would remove municipal supply as a potential beneficial use of groundwater in the site area.
- 2) A comprehensive California study of contaminant migration from leaking fuel storage tanks sites located in areas of alluvial geology similar to the Sinclair Paint site, shows that contamination is unlikely to migrate beyond a distance of 250 feet from the source area (LLNL, 1996).
- 3) The City of Oakland is currently developing an Urban Land Renewal ordinance that includes risked-based cleanup standards. This ordinance is anticipated to use a cancer risk threshold of 1-in-100,000. This cancer risk threshold is consistent with the threshold for public notification under Proposition 65.
- 4) The American Society for Testing and Materials (ASTM) developed a Risk Based Corrective Action (RBCA) methodology and Risk Based Screening Levels (RBSLs) for petroleum release sites. The preliminary investigation results from the Sinclair Paint site were compared with the ASTM Tier One RBSLs Lookup Table to determine if a further investigation, Tier 2, was warranted at the site. For a cancer risk threshold of 1-in-100,000 no commercial/industrial RBSLs were exceeded. The ASTM RBCA screening indicates that further corrective action at the Sinclair Paint site is unnecessary.
- 5) CRC has developed a California-modified RBSLs Lookup Table that more closely complies with the California Environmental Protection Agency's Preliminary Endangerment Assessment Manual (DTSC, 1994), and uses the more conservative toxicological data developed by the Office of Environmental

Health Hazard Assessment for implementation of Proposition 65 (OEHHA, 1995) then ASTM. For a cancer risk threshold of 1-in-100,000, the maximum benzene concentration in HP-1 of $39\mu g/L$ exceeded CRC's California-modified RBSLs for groundwater ingestion, 28.6 $\mu g/L$. Since, groundwater ingestion is not an existing or potential exposure pathway, the California-modified RBCA screening also concludes that further corrective action at the Sinclair Paint site is unnecessary.

LIMITATIONS

Work for this project was performed in accordance with generally accepted professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. This report has been prepared for specific application to the Former Sinclair Paint Site at 2040 San Pablo Avenue in Oakland, California. This document is not intended to represent a legal opinion. No other warranty, express or implied, is made.

If you have any questions regarding work at this site, call me at (510) 522 -2165.

Sincerely,

Clearwater Revival Company

Patrick G. Lynch, P.E. Principal Engineer

cc: Paul and Edith Rawn

Thomas Sullivan, Mendelson & Brown, LLP

Enclosures:

Figure 1 - Site Location Map

Figure 2 - Site Vicinity Map

Figure 3 - Boring Locations

Table 1 - Soil Sample Results

Table 2 - Groundwater Sample Results

Appendix A - Boring Logs

Appendix B - Certified Analytical Reports



REFERENCES

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

California Regional Water Quality Control Board - San Francisco Bay Region, 1986, "Water Quality Control Plan, San Francisco Bay Basin Region (2)," December.

California Department of Toxic Substances Control, 1994, "Preliminary Endangerment Assessment Guidance Manual," January.

California Office of Environmental Health Hazard Assessment, 1995, "Criteria for Carcinogens," April 4.

Lawrence Livermore National Laboratory, 1995, "California Leaking Underground Fuel Tank (LUFT) Historical Case Analyses," November 16.

Table 1. Soil Sample Analytical Results Summary
Former Sinclair Paints Site, Oakland, California

| Sample No. | Sample Depth (feet bgs) | TPH as Gasoline (mg/kg) | Methyl t-Butyl Ether (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Sample Date |
|---------------|-------------------------------|-------------------------------|------------------------------------|--------------------|--------------------|-------------------------|-----------------------------|----------------|
| HI?-1 | 20.0 | ND 1.0 | ND 0.05 | ND 0.005 | ND 0.005 | ND 0.005 | ND 0.005 | 11/11/97 |
| HP-2 | 11.0 | ND 1.0 | ND 0.05 | ND 0.005 | ND 0.005 | ND 0.005 | ND 0.005 | 11/11/97 |
| HP-3 | 12.0 | ND 1.0 | ND 0.05 | ND 0.005 | ND 0.005 | ND 0.005 | ND 0.005 | 11/11/97 |
| HP-4 | 18.0 | ND 1.0 | ND 0.05 | ND 0.005 | ND 0.005 | ND 0.005 | ND 0.005 | 11/11/97 |
| HP-5 | 12.0 | ND 1.0 | ND 0.05 | ND 0.005 | ND 0.005 | ND 0.005 | ND 0.005 | 11/11/97 |

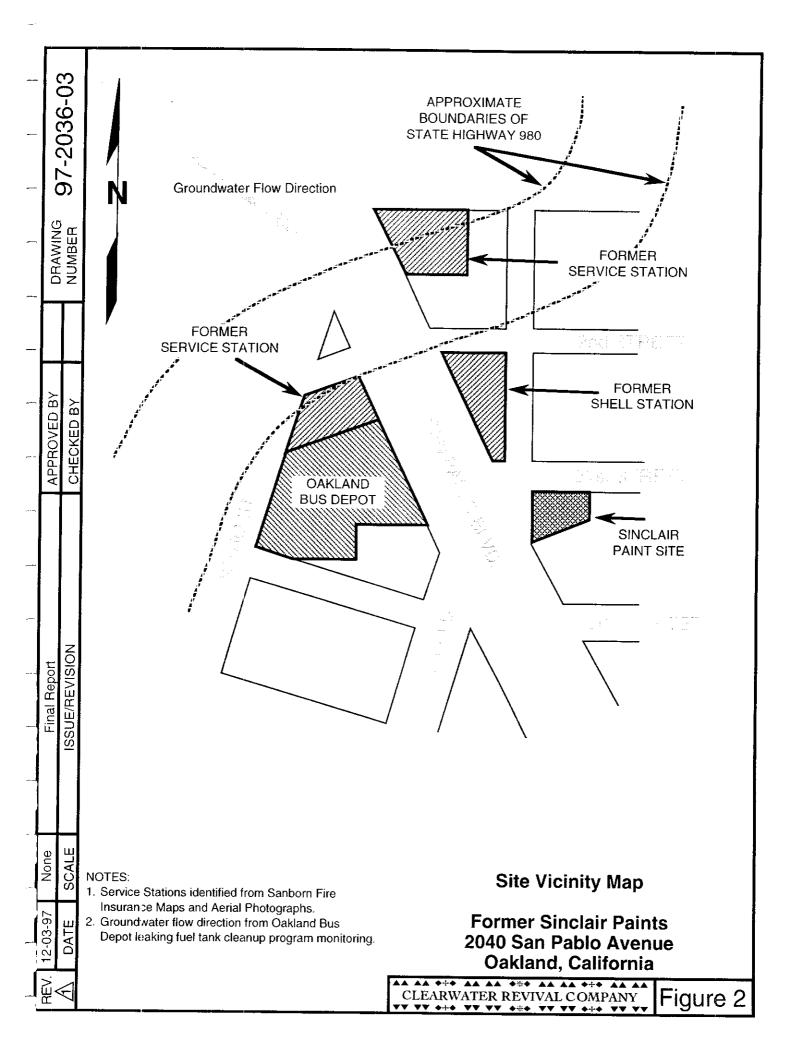
NOTES: ND X denotes compound not detected at a concentration of X.

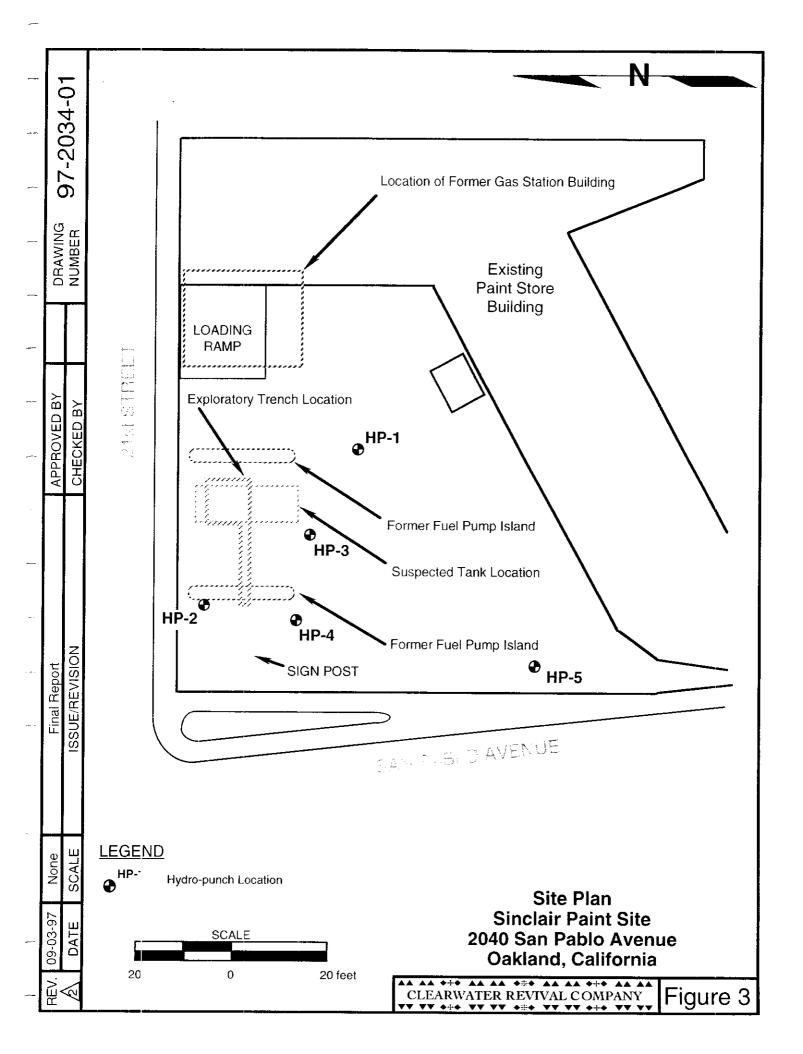
Table 2. Groundwater Sample Analytical Results Summary Former Sinclair Paints Site, Oakland, California

| Sample No. | - | | Benzene (μg/L) | zonache zentyrbenzen | | Xylenes (μg/L) | Sample Date | |
|---------------|-------|--------|-------------------|----------------------|--------|-------------------|----------------|--|
| HP-1 | 780 | 6.8 | 39 | 16 | 54 | 43 | 11/11/97 | |
| HP-2 | 100 | ND 5.0 | ND 0.5 | ND 0.5 | ND 0.5 | ND 0.5 | 11/11/97 | |
| HP-3 | 220 | ND 5.0 | 1.9 | 1.3 | ND 0.5 | 4.3 | 11/11/97 | |
| HP-4 | 260 | ND 5.0 | 0.73 | 0.9 | ND 0.5 | 1.1 | 11/11/97 | |
| HP-5 | ND 50 | ND 5.0 | ND 0.5 | ND 0.5 | ND 0.5 | ND 0.5 | 11/11/97 | |

NOTES: Groundwater samples collected from temporary well points. ND X denotes compound not detected at a concentration of X.







CLEARWATER GROUP INC. <u>1</u> of _ CLIENT/LOCATION: FIELD LOCATION OF BORING: PLANNED USE: BORING DEPTH: BORING/WELL NO .: Sinclair Paint, Exploratory 26 feet HP-1 <u>San Pablo Ave, Oakland</u> EXPLORATORY DRILLING CONTRACTOR: DRILL RIG TYPE: WELL DEPTH: SAN PABLO AVENT BORING DIAMETER: TRENCH Vironex Geoprobe 5400 N/A 2 inches 11/11/97 - 1300 • HP-1 DRILL RIG OPERATOR: WELL MATERIAL: WELL DIAMETER: GATE SCREEN SLOT SIZE: Paul White/Scott Souza N/A N/A N/A WELL/BOREHOLE SEAL: FILTER PACK: None - boring grouted to surface PAINT STORE N/A SAMPLING **ESTIMATED** SAMPLING METHOD: Continuous core WELL CONSTRUCTION DETAIL OVM READING (PPM) PERCENT GRAPHIC LOG FINISH: MONITORING INSTRUMENT: Thermo 580B - OVM BLOWS/6" INTERVAL RECOVERY INTERVAL WATER LEVEL GRAVEL DEPTH (FEET) FIRST ENCOUNTERED WATER DEPTH: 23' bgs SAND FINES STATIC WATER DEPTH - DATE: N/A 11/11/97 - 1020 ? SILT: dark brown (fill) Clayey SILT (ML): grey/red-brown, firm, moderate plasticity 100 Silty CLAY (CL): greenish-grey/light red-brown, firm, low to 0 moderate plasticity, trace organics, damp Clayey SILT (ML): yellow-brown, firm to hard, trace fine 95 grained, angular sand, trace organic matter 10 -11 30 70 Clayey sandy SILT (ML): as above, increased sand content 1.3 Ruary 15 Sandy, clayey SILT (SM-ML): blue-grey/yellow, firm, 50 50 semi-loose 16 ? 18 Silty SAND (SM): as above, damp 20 ' Poorly Graded SAND (SP): blue-grey, fine grained, 100 subrounded, moist 22 $\overline{\Delta}$ 23 No returns 24 -? 25 APPROVED BY 29

| WELL GATE H TH DETAIL | EXPLOR | NT STORE | - | ir Pa ablo NG CO ex Rug OF White BOREH - bori | Ave, NTRA PERATE/Sc | Oak CTOR OR: ott S | ouza | PLANNED USE: Exploratory DRILL RIG TYPE: Geoprobe 5400 WELL MATERIAL: N/A | BORING DEPTH: 23 feet WELL DEPTH: N/A WELL DIAMETER: N/A | Sheet1 of1 BORING/WELL NO.: HIP-2 BORING DIAMETER: 2 inches SCREEN SLOT SIZE: |
|--------------------------------|---|-----------------------------------|--|--|---------------------|-----------------------------|--|---|--|--|
| SAN PABLO AVENU | TRENCH TRENCH | NT STORE | DRILLIN VIRON DRILL I Paul V WELL/I None | NG CO ex Rug OF White BOREH | PERATE/SC | OR: Ott S | ouza | Geoprobe 5400 | N/A WELL DIAMETER: | 2 inches SCREEN SLOT SIZE: |
| SAN PABLO GATE | SAMPLING | - | Paul V WELL/I None | White SOREH - bori | e/Sc | ott S SEAL | | | | SCREEN SLOT SIZE: |
| Say ← | SAMPLING | - | None | - bori | iole : | SEAL: | | | | N/A |
| WELL CONSTRUCTION DETAIL | | | Ď | | | grout | ed to surfa | ace | | FILTER PACK: N/A |
| WELL CONSTRUCTIO DETAIL | BLOWS/6" DNTERVAL RECOVERY ANALYTICAL WATER LEVEL | | 18 | | TIMA | | | SAMPLING METHOD: CO. | ntinuous core | |
| WELL CONSTRI DETAIL | BLOWS// INTERV/ RECOVE ANALYT WATER LEVEL | 1 | | P | ERCE | NT | GRAPHIC LOG | MONITORING INSTRUMEN | п: Thermo 580B | - OVM |
| WE CO DE | LEW AN RE IN INC. | DEPTH (FEET) | OVM READING (PPM) | GRAVEL | è | Si Si | APHIC | FIRST ENCOUNTERED WA | TER DEPTH: 20' bs | gs |
| | 111 1 1 | DEI (FE | O. P.P. | GR | SAND | FINES | S | STATIC WATER DEPTH - D | ATE: N/A | · |
| | | 1 —— 2 —— 3 —— | | 10 | 20 | 70 | ? | SILT with sand: dark places (fill) | k brown/grey; re | ed-brown elastic silt in |
| | | 5 — | | | 80 | 20 | | Silty SAND (SM): bl | ue-grey, fine gra | ined, semi-loose |
| | | 7 — 8 — 9 — 10 — 11 — | 0 | | | 100 | ? | SILT (ML): greenish crumbly; some clay; grained, rounded san | -grey, firm, low occasional trace d; damp | plasticity, slightly dark grey, coarse - |
| | | 12 | 0 | | 50 | 50 | | Silty SAND (SM) | | |
| | | 13 — | 2.5 | | 20 | | | Sandy SILT (ML): bl crumbly; fine grained subrounded sand; da | ue-grey/red-bro l and trace coarse mp. Grades to: | wn, low plasticity, e grained, |
| | | 16 | | - | 95 | 5 | | Poorly graded SAND trace silt, damp | (SP); light grey, | fine grained, loose, |
| | 77 | 20 | 0 | | .60 | 40 | | Silty SAND (SM); oli | ve-brown, fine g | rained, wet |
| | <u> </u> | 22 | | | 95 | 5 | | Poorly graded SAND | (SP): olive-brow | n, fine grained, wet |
| | | 23 | | | | | | | | |
| | | | 22 — 23 — 24 — 25 — 26 — | 22 | 22 | 21 22 95 23 24 25 26 26 | 21 22 95 5 23 24 25 26 | 21 22 95 5 23 24 25 26 | 21 22 95 5 Poorly graded SAND 23 24 25 26 26 | 21 |

Project No. C-215 CLEARWATER GROUP INC. 1 of . Sheet CLIENT/LOCATION: FIELD LOCATION OF BORING: PLANNED USE: BORING DEPTH: BORING/WELL NO .: 21st STREET Sinclair Paint, ·GATE Exploratory 23 feet HP-3 San Pablo Ave, Oakland SAN PABLO AVENUE DRILLING CONTRACTOR: EXPLORATORY DRILL RIG TYPE: WELL DEPTH: BORING DIAMETER: TRENCH Vironex Geoprobe 5400 N/A 2 inches 11/11/97 - 0940 WELL MATERIAL: DRILL RIG OPERATOR: WELL DIAMETER: GATE SCREEN SLOT SIZE: HP-3 Paul White/Scott Souza N/A N/A N/A WELL/BOREHOLE SEAL: FILTER PACK: -NNone - boring grouted to surface N/A PAINT STORE SAMPLING SAMPLING METHOD: Continuous core **ESTIMATED** WELL CONSTRUCTION DETAIL OVM READING (PPM) PERCENT GRAPHIC LOG RECOVERY
ANALYTICAL FINISH MONITORING INSTRUMENT: Thermo 580B - OVM BLOWS/6" INTERVAL INTERVAL WATER LEVEL GRAVE SAND DEPTH (FEET) FIRST ENCOUNTERED WATER DEPTH: 22' bgs STATIC WATER DEPTH - DATE: N/A - 0830 SILT: dark brown with fine sand and coarse grained gravel (fill) 11/11/97 ? DRILLING START: Poorly graded SAND (SP): dark-brown, predominantly fine grained, some coarse grained, subangular sand and fine grained gravel, damp 5 95 <u>5 | 95</u> Silty CLAY (CL-ML): dark beige, soft - firm, high plasticity, 11 trace fine grained sand, damp 95 ? 13 Silty SAND (SM): blue-grey, fine grained, trace medium grained, some silt, damp $\,$ *7*5 25 16 ? 18 75 25 Silty SAND (SM): as above 20 21 22 95 5 Poorly graded SAND (SP): yellow-brown, fine grained, little silt, wet 24 25 APPROVED BY 29

SOIL BORING AND WELL CONSTRUCTION LOG:

CLEARWATER GROUP INC. <u> 1</u> of _ CLIENT/LOCATION: PLANNED USE: FIELD LOCATION OF BORING: BORING DEPTH: BORING/WELL NO .: 21st STREET Sinclair Paint, Exploratory HP-4 24 feet San Pablo Ave, Oakland DRILLING CONTRACTOR: SAN PABLO AVENUE EXPLORATORY DRILL RIG TYPE: WELL DEPTH: BORING DIAMETER: TRENCH Vironex Geoprobe 5400 N/A 2 inches HP-4 SCREEN SLOT SIZE: 11/11/97 - 104 DRILL RIG OPERATOR: WELL MATERIAL: WELL DIAMETER: GATE N/A N/A N/A Paul White/Scott Souza FILTER PACK: WELL/BOREHOLE SEAL: None - boring grouted to surface -N N/A PAINT STORE SAMPLING ESTIMATED SAMPLING METHOD: Continuous core WELL CONSTRUCTION DETAIL OVM READING (PPM) PERCENT GRAPHIC LOG ANALYTICAL MONITORING INSTRUMENT: Thermo 580B - OVM FINISH INTERVAL RECOVERY BLOWS/6" INTERVAL GRAVEL WATER LEVEL DEPTH (FEET) FIRST ENCOUNTERED WATER DEPTH: 21' bgs SAND SINE STATIC WATER DEPTH - DATE: N/A - 0950 Sandy SILT: dark brown with fine sand and coarse grained gravel, elastic, moist (fill) 11/11/97 10 20 70 0 DRILLING START: 80 20 0 Silty SAND (SM): blue-grey, predominantly fine grained, some silt, firm, damp 30 70 Sandy SILT(ML): blue-grey, fine grained sand, damp 10 11 Sandy SILT(ML): brown, fine grained sand, soft, damp Ruary Allan Sandy SILT (ML): blue grey/brown, wet 13 Silty clayey SAND (SM): blue-grey, fine grained, 70 30 subrounded, clayey/silty at top, no fines at base, damp 16 100 18 0 Sandy SILT(ML): grey, fine grained sand, firm, moderate 75 plasticity Silty SAND (SM): olive-grey, predominantly fine grained, 20 trace medium grained, subangular, loose, trace clay, wet 하수 ∇ 18 75 25 22 Sandy SILT (ML): olive-grey/brown, fine grained sand, little clay 25 75 25

CLEARWATER GROUP INC. Sheet **1** of CLIENT/LOCATION: FIELD LOCATION OF BORING: PLANNED USE: BORING DEPTH: BORING/WELL NO.: 21st STREET Sinclair Paint, Exploratory 22 feet HP-5 <u>San Pablo Ave, Oakland</u> SAN PABLO AVENUE EXPLORATORY DRILLING CONTRACTOR: DRILL RIG TYPE: WELL DEPTH: BORING DIAMETER: TRENCH Vironex Geoprobe 5400 N/A 2 inches 11/11/97 - 1000 DRILL RIG OPERATOR: WELL MATERIAL: WELL DIAMETER: SCREEN SLOT SIZE: GATE **4**--N Paul White/Scott Souza N/A N/A N/A WELL/BOREHOLE SEAL: FILTER PACK: • HP-5 N/A None - boring grouted to surface PAINT STORE ESTIMATED PERCENT **SAMPLING** SAMPLING METHOD: Continuous core WELL CONSTRUCTION DETAIL OVM READING (PPM) GRAPHIC LOG FINISH ANALYTICAL MONITORING INSTRUMENT: Thermo 580B - OVM BLOWS/6" INTERVAL RECOVERY INTERVAL GRAVEL WATER LEVEL DEPTH (PEET) FIRST ENCOUNTERED WATER DEPTH: 20' bgs SAND FINES STATIC WATER DEPTH - DATE: N/A 11/11/97 - 0830 5 10 85 SILT: dark brown with fine sand and dark grey angular gravel, 0 weathered rusty nodules (fill) ? DRILLING START 100 SILT (ML): cream brown/orange, firm, moderate plasticity, some clay, trace organic matter 0 100 ? 100 ? Ruary Allan 13 SILT with sand (ML): cream brown/orange, loose, no clay, 20 80 Ω trace organic matter, damp 15 20 80 Silty CLAY(CL): brown, soft, moderate plasticity, trace organic 100 19 Silty SAND (SM): light greenish-brown, fine grained, subangular, loose, little silt, trace medium grained sand, 20 damp to wet 21 80 20 22 24 26 APPROVED BY 28 30 -

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Henry Hurkmans Clearwater Group, Inc. 520 Third Street, Suite 104 Oakland, CA 94607

| Date: | 11/18/97 |
|----------------|----------|
| Date Received: | 11/11/97 |
| Date Analyzed: | 11/14/97 |
| Project: | C-215 |
| Sampled By: | Client |

Certified Analytical Report

Soil Sample Analysis:

| Test | HP-2, 11' | HP-1, 20' | HP-3, 12' | HP-4, 18' | Units | PQL | EPA |
|---------------|-----------|-----------|-----------|-----------|-------|-------------|---------|
| | | | | | | | Method# |
| Sample Matrix | Soil | Soil | Soil | Soil | | | |
| Sample Date | 11/11/97 | 11/11/97 | 11/11/97 | 11/11/97 | | | |
| Sample Time | 1130 | 1100 | 0900 | 1030 | | | |
| Lab # | D17337 | D17338 | D17339 | D17340 | | | |
| DF-Gas/BTEX | 1 | 1 | 1 | 1 | | | *** |
| TPH Gas | ND | ND | ND | ND | mg/kg | 1.0 mg/kg | 8015M |
| MTBE | ND | ND | ND | ND | mg/kg | 0.05 mg/kg | 8020 |
| Benzene | ND | ND | ND | ND | mg/kg | 0.005 mg/kg | 8020 |
| Toluene | ND | ND | ND | ND | mg/kg | 0.005 mg/kg | 8020 |
| Ethyl Benzene | ND | ND | ND | ND | mg/kg | 0.005 mg/kg | 8020 |
| Xylenes | ND | ND | ND | ND | mg/kg | 0.005 mg/kg | 8020 |

- 1. DLR=DF x PQL
- 2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit ND=None Detected at or above DLR

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Attn: Henry Hurkmans Clearwater Group, Inc. 520 Third Street, Suite 104 Oakland, CA 94607

| Date: | 11/18/97 | |
|----------------|----------|--|
| Date Received: | 11/11/97 | |
| Date Analyzed: | 11/14/97 | |
| Project: | C-215 | |
| Sampled By: | Client | |

Certified Analytical Report

Soil Sample Analysis:

| Test | HP-5, 12' | Units | PQL | EPA |
|---------------|-----------|-------|-------------|---------|
| | | | | Method# |
| Sample Matrix | Soil | | | - |
| Sample Date | 11/11/97 | | | |
| Sample Time | 0930 | | | |
| Lab # | D17341 | | | |
| DF-Gas/BTEX | 1 | | | |
| TPH Gas | ND | mg/kg | 1.0 mg/kg | 8015M |
| MTBE | ND | mg/kg | 0.05 mg/kg | 8020 |
| Benzene | ND | mg/kg | 0.005 mg/kg | 8020 |
| Toluene | ND | mg/kg | 0.005 mg/kg | 8020 |
| Ethyl Benzene | ND | mg/kg | 0.005 mg/kg | 8020 |
| Xylenes | ND | mg/kg | 0.005 mg/kg | 8020 |

- 1. DLR=DF x PQL
- 2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above DLR

525 Del Rey Avenue, Suite E Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Barch #: GBG5971114

Date Analyzed: 11/14/97

Matrix: Water

Quality Control Sample: Blank Spike

Units: µg/L

| PARAMETER | Method # | МВ | SA | SR | SP | SP | SPD | SPD | RPD | (AD | LIMITS VISORY) |
|---------------|----------|--------|---------|------|------|-----|------|------|-------------|---------------|-------------------|
| | | μg/L | μg/L | μg/L | μg/L | % R | μg/L | %R | | RPD ! | %R |
| Benzene | 8020 | <0.50 | 10.0 | ND | 11.6 | 116 | 12.0 | 120 | 3.8 | ! 25 <u>!</u> | 50-150 |
| Toluene | 8020 | < 0.50 | 10.0 | ND | 11.4 | 114 | 11.7 | 117 | 1.8 | 25 | 50-150 |
| Ethyl Benzene | 8020 | < 0.50 | 10.0 | ND | 11.1 | 111 | 11.2 | 112 | 0.9 | 25 | 50-150 |
| Xylenes | 8020 | < 0.50 | 30 | ND | 36 | 119 | 35 | 117 | 1.4 | i 25 i | 50-150 |
| Gasoline | 8015 | <50.0 | ¦ 625 ¦ | ND | 593 | 95 | 620 | 99 ¦ | 4.5 | ¦ 25 ¦ | 50-150 |

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated

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Chain of Custody/Analysis Work Order

| | Client: _ | Clearwa | ter Gno | up lac. | | Proje | ct ID: | -215 | | I | LAB USE ONI | CY · |
|------------------------------|--------------------------|---|--|-------------------|-------------------|--|--|----------------------------|--|------------------------|-------------------|-----------|
| Tele _l Date Re | Address:Contact:ohone #; | 520 3rd S- Dakland Henry (510) 8 | t # 104 CA 946 Huckman 935160 | 07 Si | mpler/Com | pany: Alla | Telepon Telepo | phone #: (510 893 57 |) | Samples arr Yes Notes: | rived chilled and | d intact: |
| | | | Sample In | formation | | | | 67, | The state of the s | Requested | l Analysis | |
| Lab # | Sample ID | Grab/ Composite | Matrix | Date Collected | Time Collected | Pres. | Sample Container | | 8/15/ | | | |
| 017337 | | ' Grab | Soil | 11-11-97 | 11.30 | None | 1.5" place | h x | <u> </u> | × | | |
| 017338 | | | | | 1100 | 11 | sleeve | | | 1. | | |
| 017339 | | | | | 0900 | | | <u> </u> | | | | |
| 017340 | HP-4,1 | 8 | | | 1030 | 11 | | | | | | |
| 017341 | HP-5,1 | 2 | <u> </u> | | 6930 | 1 | 1 | V | ¥ ! | / | | |
| | | | | | | - | | 4 | \$ 2 | 7 | | |
| | | | | | | , | | \$ | 7 3 | | | |
| Reling, By: | Runs | y Allon | v C9. | Received | 1/cm | | Ca (| lum C | Date //- | //-9フ | Time 3 - 4 | 25 |
| Reling, By: | To-1/ | Lince | Jawa | I C Received 1 | 3y: | | VI | naro | Date | 111/97 | Time 41. | سر مر |
| Relinq/By: | • | | | Received I | 3y: | | | | Date | | Time | <i>U</i> |

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RECEIVED NOV 2 0 1997

Attn: Henry Hurkmans Clearwater Group, Inc. 520 Third Street, Suite 104 Oakland, CA 94607

| Date: | 11/18/97 |
|----------------|----------|
| Date Received: | 11/11/97 |
| Date Analyzed: | 11/12/97 |
| Project: | C-215 |
| Sampled By: | Client |

Certified Analytical Report

Water Sample Analysis:

| Test | HP-I | HP-2 | HP-3 | HP-4 | Units | PQL | EPA |
|---------------|----------|-----------|----------|----------------|----------|-----------|---------|
| | | | | | | | Method# |
| Sample Matrix | Water | Water | Water | Water | | | |
| Sample Date | 11/11/97 | 11/11/97 | 11/11/97 | 11/11/97 | | | |
| Sample Time | 1315 | 1230 | 1040 | 1245 | | | |
| Lab# | D17342 | D17343 | D17344 | D173 45 | | | |
| DF-Gas/BTEX | 1 | 1 | 1 | 1 | | | |
| TPH-Gas | 780 | 100^{2} | 220 | 260 | μg/liter | 50.0 μg/l | 8015M |
| MTBE | 6.8 | ND | ND | ND | μg/liter | 5.0 μg/l | 8020 |
| Benzene | 39 | ND | 1.9 | 0.73 | μg/liter | 0.5 μg/l | 8020 |
| Toluene | 16 | ND | 1.3 | 0.90 | μg/liter | 0.5 μg/l | 8020 |
| Ethyl Benzene | 54 | ND | ND | ND | μg/liter | 0.5 μg/l | 8020 |
| Xylenes | 43 | ND | 4.3 | 1.1 | μg/liter | 0.5 μg/l | 8020 |

- 1. DLR=DF x PQL
- 2. TPE-Gas chromatogram for Lab #D17343, although within the reporting range, does not match the typical Gas pattern
- 3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

Michael N. Golden, Lab Director

DF=Dilut on Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit ND=None Detected at or above DLR 525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Henry Hurkmans Clearwater Group, Inc. 520 Third Street, Suite 104 Oakland, CA 94607

| Date: | 11/18/97 | |
|----------------|----------|--|
| Date Received: | 11/11/97 | |
| Date Analyzed: | 11/12/97 | |
| Project: | C-215 | |
| Sampled By: | Client | |

Certified Analytical Report

Water Sample Analysis:

| Test | HP-5 | Units | PQL | EPA | | |
|---------------|----------|----------|--------------------|---------|--|--|
| | | | | Method# | | |
| Sample Matrix | Water | | | | | |
| Sample Date | 11/11/97 | | | | | |
| Sample Time | 0940 | | | | | |
| Lab# | D17346 | | | | | |
| DF-Gas/BTEX | 1 | | | | | |
| TPH-Gas | ND | μg/liter | 50.0 μ g/ l | 8015M | | |
| MTBE | ND | μg/liter | 5.0 μg/l | 8020 | | |
| Benzene | ND | μg/liter | 0.5 μ g/l | 8020 | | |
| Toluene | ND | μg/liter | 0.5 μg/l | 8020 | | |
| Ethyl Benzene | ND | μg/liter | 0.5 μg/l | 8020 | | |
| Xylenes | ND | μg/liter | 0.5 μg/l | 8020 | | |

- 1. DLR=DF x PQL
- 2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit ND=None Detected at or above DLR

525 Del Rey Avenue, Suite E Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG5971111

Date Analyzed: 11/11/97

Matrix: Water

Quality Control Sample: Blank Spike

Units: µg/L

| PARAMETER | Method # | MB μg/L | SA μg/L | SR µg/L | SP μg/L | SP % R | SPD μg/L | SPD %R | RPD | QC LIMITS (ADVISORY) RPD %R | |
|---------------|----------|------------|------------|------------|------------|-----------|-------------|-----------|-----|-------------------------------------|--------|
| Benzene | 1 8020 1 | <0.50 | 10.0 | ND | 9.7 | 97 | 10.0 | 100 | 3.3 | 1 25 1 | 50-150 |
| Toluene | 8020 | < 0.50 | 10.0 | ND | 10.1 | 101 | 9.4 | 94 | 6.4 | 25 | 50-150 |
| Ethyl Benzene | 8020 | < 0.50 | 10.0 | ND | 9.7 | 97 | 9.5 | 95 | 2.3 | 25 ! | 50-150 |
| Xylenes | 8020 | < 0.50 | 30 | ND | 30 | 99 | 29 | 98 | 1.7 | 25 | 50-150 |
| Gasoline | 8015 | <50.0 | ¦ 625 ¦ | ND | 587 | 94 | 577 | 92 | 1.7 | 25 | 50-150 |

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated

525 Del Rey Avenue, Suite E Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG5971112

Date Analyzed: 11/12/97

Matrix: Water

Quality Control Sample: Blank Spike

Units: µg/L

| PARAMETER | Method # | MB μg/L | SA μg/L | SR µg/L | SP μg/L | SP % R | SPD μg/L | SPD %R | RPD | • | LIMITS VISORY) %R |
|---------------|----------|------------|------------|------------|------------|-----------|-------------|-----------|-----|--------|-------------------------|
| Benzene | 8020 | <0.50 | ! 10.0 | ND | 9.6 | 96 | 9.3 | 93 | 3.7 | 1 25 1 | 50-150 |
| Toluene | 8020 | <0.50 | 10.0 | ND | 9.7 | 97 | 9.4 | 94 | 3.2 | 25 | 50-150 |
| Ethyl Benzene | 8020 | <0.50 | 1 10.0 | ND | 9.5 | 95 | 9.2 | 92 | 4.2 | 25 | 50-150 |
| Xylenes | 8020 | <0.50 | i 30 i | ND | 30 | 100 | 29 | i 97 i | 3.4 | 25 | 50-150 |
| Gasoline | 8015 | <50.0 | 625 | ND | 601 | 96 | 588 | 94 | 2.2 | 25 | 50-150 |

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated

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Chain of Custody/Analysis Work Order

Purchase Order #:

Project ID: <u>C-215</u>

LAB USE ONLY

Client: <u>Cleonwater Group Inc</u> Address: <u>520</u> 3rd St, #104

| Contact: Henry Hyrkmans Telephone #: (510) 893 5160 Date Received: Turn Around: Sample Information Requested Analysis Requested Analysis Requested Analysis Requested Analysis Requested Analysis Requested Analysis Republic Collected Collected Pres. Container O17392 HP-1 Grab H20 (1-(1-97) 1315 H4 \$\frac{1}{3}\$ voas \$\frac{1}{ | | | d CA | <u>14607</u> | 510) | | | | | | Samples arrived chilled and intact: | | | | | | |
|---|---|-----------|---------|--------------|--------------|---------------------------------------|---------|----------|------|--------|-------------------------------------|----------|--------|------|-------------|--|--|
| Date Received: Turn Around: Sample Information Requested Analysis | Contact: <u>Henry Huslemans</u> Telephone #: (510) 893 5160 | | | | | Special Instructions/Comments | | | | | | | | No | | | |
| Sample Information Requested Analysis Date Time Collected Pres. Container O17392 HP-1 Grab H20 U-U-97 1315 H49 \$ voas X X X X X X X X X X X X X X X X X X X | Date R | | <i></i> | | | | | | | | | | | | | | |
| Lab # Sample ID Composite Matrix Collected Collected Pres. Container O1392 HP-1 Grab H20 U-1(-97 1315 H4 \$ voas X X X X D17344 HP-3 | Turn 2 | Around: | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| Lab # Sample ID | | | | Sample In | formation | · | | | | | Re | quested | l Anal | vsis | | | |
| 017342 HP-1 Grab H20 11-11-97 1315 H4 \$\square\$ voas \times \times \times \times \text{1230 HCl 3 Was } \times \times \text{1017345 HP-2} \\ \text{1017346 HP-3} \\ \text{1017346 HP-5 and } \qu | | | | | | | | | 724, | | | | | 1 | | | |
| 017342 HP-1 Grab H20 11-11-97 1315 H4 \$\square\$ voas \times \times \times \times \text{1230 HCl 3 Was } \times \times \text{1017345 HP-2} \\ \text{1017346 HP-3} \\ \text{1017346 HP-5 and } \qu | Lab # | Sample ID | | Matrix | 1 | 1 | Pres. | <u> </u> | E 1 | 100 | 4 | | | | | | |
| 017344 HP-3 1040 HCl 3 WAS 017345 HP-4 1245 HCl 3 VAS 017346 HP-5 ay 0940 HCl 3 VAR Reling By: Received By: VILLE WILL Date 1/1-17-97 Time 3:25 Reling By: Received By: VILLE WILL Date 1/1-17-97 Time 4:20p- | 017342 | | | H20 | 11-11-97 | 1315 | 144 | 3 VOAS | | X | | | | | | | |
| 1245 HC1 3 v 243 1245 HC1 3 v | 017343 | HP-2 | | 11 | | 1230 | otce | · · | 1 | 1 | | | | | | | |
| 1245 HC1 3 v 243 1245 HC1 3 v | 17344 | HP-3 | | | | 1040 | HCI | 2 VOAS | | | | | | | | | |
| Reling. By: Received By: Rec | 017345 | HP-4 | | | | 1245 | Ha | 30213 | | | | | | | | | |
| Reling By: Par June Laule Received By: VTKAW Date 4:20p- | 017346 | HP-5 | av_ | 4 | 4 | 0940 | HCP | | V | | V | | | | | | |
| Reling By: Par June Laule Received By: VTKAW Date 4:20p- | | | | | | | | | | 4 | | | | | | | |
| Reling By: Par June Laule Received By: VTKAW Date 4:20p- | | | | | | | | | | | | | | | | | |
| Reling By: Par June Laule Received By: VTKAW Date 4:20p- | | | | | | , . | <u></u> | | | | | | | | | | |
| D. 10 | | Ruan | Ma | n/ CG | Received I | 15: () e | -7/-71 | ela l | UMC | Date | 11-12 | -97 | T | ime | | | |
| D. 10 | | Por / | elains | Received B | Received By: | | | | | l Date | | | | | | | |
| | Reling/ By: | | | | Received B | | | | | | | <u> </u> | Ti | | | | |