R039

ONE ENVIRONMENT

ADDITIONAL SOIL AND GROUNDWATER INVESTIGATION REPORT

Roadway Express, Inc.
1708 Wood Street
Oakland, California

Prepared for:
Mr. Larry Seto
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577
And:
Roadway Express, Inc.
1077 Gorge Boulevard
Akron, Ohio 44309

January 21, 2001

REGISTERED GEOLOGIST DAVID K. MURCHISON No 4415 STATE OF CALIFORNIA

David K. Murchison
Registered Geologist

3/5/01
Date

Cheryl Madden,
Project Geologist

3/3/01
Date

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ONE ENVIRONMENT

January 21, 2001

Mr. Larry Seto
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: Additional Soil and Groundwater Investigation
Roadway Express, Inc., 1708 Wood Street, Oakland, California.

One Environment is pleased to submit this Additional Soil and Groundwater Investigation Report for the subject property. Included are field data collected during the drilling and sampling at the Site, and results of laboratory soil analysis.

One Environment appreciates the opportunity to be of service to Roadway Express, Inc. If you have any questions, please contact the undersigned at (562) 987-1096.

Sincerely,

ONE ENVIRONMENT

Cheryl Madden
Project Geologist

David K. Murchison, R.G.
California Registered Geologist

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1.0 INTRODUCTION

One Environment was contracted by Roadway Express, Inc. (REX) to conduct Additional Soil and Groundwater Investigation of the subject site (Site) located at 1708 Wood Street, in the City of Oakland, California.

1.1 Background Information

The Site is currently occupied by Roadway Express, Inc., located at 1708 Wood Street, Oakland, California (See Figure 1). The Site is located at an elevation of approximately 10 feet above mean sea level (msl).

The Site was comprised of two parcels of land extending over an area of approximately 5.5 acres (See Figure 1). The Site consists of a main truck yard operated by REX. Approximately 20% of the property is occupied by truck terminal and office buildings while the remaining area is utilized for truck parking.

On July 11, 1996, one 10,000-gallon diesel fuel underground storage tank (UST) was removed from the Site. Soil samples collected at the UST excavation did not reveal evidence of contaminants. However, soil sampled beneath the dispenser was found to contain 11,000 parts-per-million (ppm) of total petroleum hydrocarbons as diesel fuel (TPH-D). Additionally, 7,400 ppm of TPH-D was detected in the sample collected from the soil excavated and stockpiled as part of the UST removal activities (One Environment, 1996).

Two additional USTs (a 10,000-gallon gasoline UST and a 2,000-gallon motor oil UST) were removed from the Site on March 31, 1987. Two monitoring wells were installed in the area where the USTs were formerly located. One of these wells was removed during the UST removal process on July 11, 1996. Analytical testing reported in April 1987 indicated that no contaminants were detected in the soil samples collected from beneath the former location of the gasoline UST. However, laboratory results indicated that Oil and Grease (O&G) by Solid Waste Method 5520 were detected in the soil sampled collected from beneath the former location of the motor oil UST, with concentrations ranging from 610 milligrams per kilogram (mg/kg) to 770 mg/kg. Additionally, 500 micrograms per liter (ug/l) of volatile hydrocarbons and 21 milligrams per liter (mg/l) of O&G were detected in water samples collected from the existing observation wells as indicated by R.S. Eagen & Company in 1987.

BCon Environmental conducted a preliminary soil and groundwater investigation on July 24, 1997. Eight boreholes were drilled by use of a Geoprobe-type push-rod technology to depths between 8 to 14 feet below ground surface (bgs). The boring locations and depths were selected to provide information regarding the possible presence of regulated chemicals below the ground surface. The boreholes were drilled in the close vicinity of the former USTs as well as the

dispenser island to evaluate the presence or absence of petroleum hydrocarbons in the subsurface soil and/or groundwater.

Laboratory soil sample results indicated TPH-D concentrations of 240 mg/kg in boring B-3 and 5.4 mg/kg in Boring B-5. Boring B-3 was located southeast of the former waste oil UST. However, laboratory analysis indicated TPH-gasoline (TPH-G) and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) were not detected in any of the soil samples and relatively low concentrations ranging from 23 to 43 mg/kg of O& G were detected in borings B-1, B-3, B-6 and B-7.

The investigation revealed groundwater at depths ranging from two (2) feet to seven (7) feet bgs. Groundwater samples revealed seven of nine samples contained TPH-D concentrations ranging from 0.5 mg/l to 120 mg/l. Boring B-7 revealed the highest TPH-D concentration of 120 mg/l. TPH-G was also detected in groundwater sample collected from boring B-7 with a concentration of 840 ug/l. Concentrations of BTEX were not detected in any of the nine-groundwater samples collected from the boreholes and/or existing observation wells. However, laboratory results indicated a relatively low concentration ranging from 0.54 to 8.8 mg/L of O&G detected in six of the samples. The highest concentration of O&G was collected from boring B-7 with concentration of 8.8 mg/l.

The borings containing TPH impacted soil and groundwater include boring B-3 and B-7. These two borings were located on the east and southern portion of the former UST area. Based upon the data collected by BCon, groundwater appeared to flow to the west towards the San Francisco Bay Area. However, a contour map of groundwater elevation for a nearby site completed by Terranext Consultants revealed groundwater flow direction to the east (January 1996). The groundwater data was collected from 1399 Wood Street, Oakland, California by Terranext Consultants. This facility is located approximately 660 feet west-southwest of the Site. Since shallow groundwater gradients are commonly highly variable, this information may be of limited value.

1.2 SCOPE

A workplan for the additional subsurface investigation was submitted and approved by Mr. Larry Seto of the Alameda County Health Care Services Agency. One Environment implemented the following tasks:

- Drill, sample and log three borings to an approximate depth of 30 feet below ground surface..
- Convert the borings into two-inch diameter PVC ground water monitoring wells.
- Survey, develop, purge and sample wells.

- Analyze seven soil samples and three groundwater samples for Total Petroleum Hydrocarbons as diesel and gasoline; Benzene, Toluene, Ethylbenzene, Xylene, Methyl-Tert-Butyl-Ether (MTBE), and Oil and Grease in accordance with requirements.

- Prepare subsurface investigation report for submittal to the Alameda County Health Care Services.

A total of three monitoring wells were drilled in order to assess the groundwater quality and gradient onsite.

2.0 REGIONAL GEOLOGY AND HYDROGEOLOGY

2.1 Topographic Setting

The subject property is located within the U.S. Geological Survey map, 7.5-Minute Oakland West Quadrangle, California. The elevation of the subject property is shown as approximately 10 feet above msl. The localized land area from the street level appears flat; however, the regional terrain slopes generally to the west, towards the San Francisco Bay Area (USGS 1980) with an approximate gradient of up to 20 feet per mile.

The main topographic features of the study area are the San Francisco Bay, the Coyote Hills and Alameda Creek. The subject Site is located in the northeast portion of the San Francisco Bay Area (See Figure 1).

2.2 Regional Geology

The Site is situated within the Coast Ranges and is situated near the central east portion of the San Francisco Bay area (CDMG-1966). The California Coast Ranges province is characterized by particular kinds of igneous, metamorphic and sedimentary rocks associated with different geological structures from Pre-Jurassic to Quaternary and Recent Age. The Site is located on unconsolidated materials formed during present cycles of alluviation by streams and material within shoreline features including lagoon and playa lake (BCon June 1998).

The Site is situated approximately 2.5 miles west of the Hayward fault and 15 miles east of the San Andreas fault zone. Earthquake intensities vary throughout the Bay area, depending upon the magnitude of the earthquake, the distance of the site from the causative fault, and the type of materials underlying the site. Nevertheless, the site may be subject to strong ground shaking.

2.3 Regional Hydrogeology

The aquifers within the San Francisco Bay include limestone, sandstone, fractured shale, basalt, serpentine and alluvium (CDMG-1966). During drilling operations, One Environment noted

widespread gray clay indicating former marine deposits within alluvium adjacent to the present bay area.

3.0 SUBSURFACE INVESTIGATION

3.1 Approach and Rationale

The subsurface geologic conditions at the site were explored by drilling three hollow-stem auger borings to a total depth of 30 feet bgs and converting them to 2" diameter PCV groundwater monitoring wells (MW-3, MW-4 and MW-5). The boring locations were selected based on suspected former location of underground storage tanks (UST) and dispenser islands. The boring locations and depths were selected to provide information regarding the possible presence of regulated chemicals below the ground surface. MW-3 was advanced near the southwest corner of the previous UST, MW-4 was advanced near the southeast corner of the previous UST and MW-5 was advanced near the southwest corner of the previous UST (Figure 2).

One Environment was retained to prepare a Soil and Ground Water Investigation Work Plan (Work Plan) associated with underground storage tank (UST) systems formerly located at the facility located at 1708 Wood Street, Oakland, California (Site) (see Figure 1). The purpose of the Work Plan was to describe the proposed subsurface investigation activities to be completed at the Site in an attempt to determine the extent of soil and/or ground water contamination, beneath the former USTs areas. This work plan was reviewed and approved by the Alameda County Health Care Services, lead agency overseeing this project.

3.2 Preparation for Investigation

Prior to drilling, a Health and Safety Plan was prepared by One Environment. All field personnel including drilling company staff were given copies of this document for review and a "tailgate" safety meeting was conducted. The purpose of this plan was to identify procedures for avoiding potential hazards from chemicals, equipment, or the environment, and for responding to serious injury or accident. Furthermore, Underground Service Alert was notified at least two working days prior to fieldwork to mark utilities in the area where subsurface activities were to be conducted.

3.3 Drilling and Subsurface Soil Sampling

Fieldwork for the site assessment commenced on September 6, 2000 and was completed on the same day. Soil samples were obtained using a hollow-stem auger (HSA) drilling rig and a split spoon sampler. All borings were drilled to a total depth of 30 feet below ground surface.

The HSA utilizes eight-inch diameter continuous flight hollow stem augers. Soil samples were collected using three, 2.5-inch diameter by six-inch long brass tubes mounted within a 2.5 inch

inside diameter split-spoon drive sampler employed in advance of the augers. After sample recovery, the ends of the middle tube were covered with teflon tape and plastic caps taped over the ends.

A Thermo Environmental Instruments OVM 580B (TEI 580B) meter calibrated against a hexane gas standard was utilized on the soil contained in the top and bottom tube at each sampling interval with the borings to determine if volatile hydrocarbon vapors were emanating directly from the soil. Each sample was placed in an airtight sealable plastic bag. When possible, the samples were allowed to sit in the sun for approximately five minutes, and then the headspace in the bags was analyzed. The results of these tests were recorded on the boring logs (see Appendix A) and are listed in Table 1.

To provide detailed information on site lithology, MW-3 was sampled at five-foot intervals to a total depth of 30 feet bgs. The soil samples were recorded on the boring log and described according to the United Soil Classification System (USCS) by a One Environment Geologist under supervision of a California Registered Geologist. Boring logs are provided in Appendix B.

Samplers were cleaned before collection of each soil sample to prevent cross-contamination. Cleaning was performed using an inorganic detergent followed by rinsing in deionized water. Each sampler was air dried and loaded with clean, disposable sample liners prior to sampling.

Soil samples collected for chemical analysis were retained inside the protective brass sample liners during retrieval. The sample ends were sealed with Teflon tape and capped with polyethylene lids. The samples were marked with sample identification labels and sealed inside Ziplock plastic bags. All soil samples selected for laboratory analysis were delivered to the state-certified off site laboratory at the same day and/or the day after drilling and sampling events.

3.3.1 Monitoring Well Installation

One Environment encountered groundwater at approximately 12 to 14 feet bgs during the drilling operations. All three monitoring wells were constructed in the concrete parking lot area of the Roadway Express, Inc. complex (See Figure 2). A 2-inch Schedule 40 PVC casing with 0.020 slot size was utilized from a depth of 30 feet bgs (total depth) to 10 feet bgs while the remainder of the hole was cased with 2-inch Schedule 40 PVC casing. The sections were threaded together and capped with a threaded cap at the end and a slip cap at the top. The well packing was comprised of Monterey # 3 sand from a depth of 40 feet to 8 feet bgs, hydrated Enviroplug bentonite seal (medium consistency) from 8 feet to 6 feet bgs, and Portland cement # 94 from 6 feet to surface elevation. The wells were finished with a flush mount 8-inch traffic rated well box (Please refer to Appendix B for copies of well construction diagrams.)

3.3.2 Monitoring Well Purging and Development

One Environment contracted Gregg Drilling (Gregg) on October 6, 2000, to purge and develop each of the groundwater wells recently installed. Prior to development of the wells, the depths to static groundwater level and total depths were measured in each of the three monitoring wells. The wells were developed by using a development drill rig. The rig introduced a plunger into the well casing creating a surge of entering and exiting water. This procedure was performed in an effort to loosen any sediments in or around the monitoring well casing and filter pack. Following the surging of the well, approximately four to five water well volumes were purged utilizing a 2-inch by 6-feet stainless steel bailer. These procedures were completed a total of four times in each of the wells. Recharge of the wells was observed to be excellent.

3.3.3 Groundwater Sample Collection

One Environment contracted Blaine Tech Services on October 23, 2000 to sample groundwater from each of the monitoring wells recently installed. Prior to well purging, the depths to static groundwater level and total depths were measured in each of the three existing wells to establish a quantity of one well volume of water from each monitoring well. Each well was also monitored to determine whether floating hydrocarbon product was present. There was no indication of hydrocarbon product in any of the three wells.

Prior to sampling, the wells were purged using a hand-held 2-inch by 6-feet PVC bailer. Water temperature, specific conductance, turbidity and pH, were measured using a HyDAC 910 Digital Conductivity-Temperature-pH tester. These measurements were recorded on well sampling record forms (see Appendix D). Groundwater was sampled when at least three consecutive measurements of pH, conductivity, turbidity, and temperature were within 10 percent of each other and the water level recovered to at least 80 percent of the original static level.

The groundwater sample was collected by lowering a new disposable bailer on new rope into the monitoring well. The bailer was allowed to fill and was then gently retrieved from the monitoring well. Once at the surface, a portion of the groundwater sample was transferred into appropriate containers. All groundwater samples were labeled, logged on a chain-of-custody and stored in a cooler with ice for delivery to the laboratory. A new 1-inch by 4-feet PVC bailer and nylon rope was utilized in each monitoring well.

4.0 WASTE HANDLING

The soil cuttings and other waste generated during drilling and soil sampling were stored in seven sealed 55-gallon DOT approved metal drums. The drums were properly labeled pending laboratory analysis and proper disposal authorization by Roadway Express, Inc. Approximately

three 55-gallon drums were utilized during the well development and groundwater-sampling event performed on October 23, 2000.

5.0 LABORATORY ANALYSIS

Soil samples collected from the borings were submitted to American Scientific Laboratories LLC of Los Angeles, California. The groundwater samples were submitted to Sequoia Analytical of Morgan Hill, California. The laboratories are approved and certified by the State Department of Health Services to perform the required analysis. A summary of the laboratory results for soil is provided on Table 2. A summary of the laboratory results for groundwater is provided on Table 3. Selected samples were analyzed for one or more of the following:

Soil and Groundwater:

- Total Petroleum Hydrocarbons as Gasoline (TPH-g) and Diesel (TPH-d) by EPA Method 8015 Modified; Benzene, Toluene, Ethylbenzene and Xylene (BTEX), and methyl-tert-butyl-ether (MTBE) under EPA Method 8020; and Oil and Grease (O&G) under Method 413.2 by IR. If TPH-d water concentrations were > 100 mg/l, then semi-volatiles and halogenated volatiles shall be run. If O&G water concentrations were > 10 mg/l, then chlorinated solvents shall be run.

The laboratory reports, QA/QC data, and chain-of-custody forms are contained in Appendix C.

6.0 FINDINGS

6.1 Encountered Soils

The soils encountered while drilling and sampling borings MW-3 through MW-5 generally consisted of gray soft clay with minor amounts of silt and sand. The borings exhibited generally similar lithology.

6.2 Groundwater Conditions

Groundwater was encountered in all borings ranging between 12 and 14 feet bgs immediately after the drilling operations. During the October 23, 2000 sampling event, the groundwater depths ranged from 4.97 feet bgs (MW-3), 4.25 feet bgs (MW-4) and 4.68 feet bgs (MW-5) prior to sampling and 5.19 feet bgs (MW-3), 4.82 feet bgs (MW-4) and 5.45 feet bgs (MW-5) after purging of the wells.

One Environment utilized the services of a professional surveying company for the purposes of surveying the elevation with respect to sea level of the top portion of the well casings.

According to Virgil Chavez Land Surveying, monitoring well MW-3 was determined to have an elevation of 7.94 feet above mean sea level (amsl). Monitoring well MW-4 was determined to have an elevation of 7.33 feet amsl. Monitoring well MW-5 was determined to have an elevation of 7.79 feet amsl. Benchmark 569 at an elevation of 5.69 feet amsl was used for the purposes of this survey. Based on this information, it is determined that monitoring well MW-3 has a corrected groundwater elevation of 2.97 feet amsl, monitoring well MW-4 has a corrected groundwater elevation of 3.08 feet amsl, and monitoring well MW-5 has a corrected groundwater elevation of 3.11 feet amsl. The groundwater gradient was generally flat with a very slight inclination towards the south, according to the October 23, 2000 sampling event.

Field groundwater measurements for pH, temperature, conductivity, turbidity and dissolved oxygen are shown in Appendix B.

6.3 Laboratory Analytical Results

6.3.1 Soil Samples

A summary of soil samples analytical results is presented in Table 2.

A total of six soil samples were collected and analyzed for TPH-g, TPH-d, BTEX, MTBE and O&G. According to American Scientific Laboratories, the following samples returned detectable amounts of the above referenced chemicals:

- All soil samples collected returned non-detectable readings.

6.3.2 Groundwater Samples

A summary of groundwater samples analytical results is presented in Table 3.

A total of three groundwater samples were collected and analyzed TPH-g, TPH-d, BTEX, MTBE and O&G. According to Sequoia Analytical, the following samples returned detectable amounts of the above referenced chemicals:

- Groundwater samples collected from monitoring wells MW-3, MW-4 and MW-5 were found to contain 65.9 µg/l, 65.7 µg/l and 78.7 µg/l of TPH-Diesel respectively. TPH-g, BTEX, MTBE and O&G were not detected in any monitoring well sample.

6.3.3 Quality Assurance/Quality Control

Proper sampling techniques and analysis were completed to ensure that cross-contamination of samples were not encountered. Laboratory results revealed that the instruments were properly calibrated and decontaminated and in accordance with EPA methods.

7.0 CONCLUSION

Based on the data evaluated by this Additional Soil and Groundwater Investigation, One Environment communicates the following:

- Laboratory analysis of soil samples found no detectable amount of TPH-Gasoline and Diesel, BTEX, MTBE and Oil and Grease.
- Laboratory analysis of groundwater found minor amounts of diesel contamination from monitoring wells MW-3, MW-4 and MW-5. The levels consisted of 65.9 µg/l, 65.7 µg/l and 78.7 µg/l of TPH-Diesel respectively. No detectable amounts of TPH-g, BTEX, MTBE and O&G were present in any sample.
- This investigation did not determine the lateral extent of diesel contamination in the groundwater, however, the levels present appear to be minimal.

8.0 REFERENCES

California Division of Mines and Geology, 1966, *Geology of Northern California.*

California Division of Mines and Geology, 1977, *Geology Map of California.*

Oakeshott, Gordon B., *1971. California's Changing Landscapes.*

U.S. Geological Survey, 1965, *Oakland West 7.5-Minute Quadrangle,* 1981, Photorevised 1982

BCon Environmental, 1998, *Preliminary Soil and Groundwater Investigation Report,* June 5, 1998.

9.0 LIMITATIONS

The samples collected and used for analysis and the observations presented are considered to be representative of the project area. However, soil and geologic conditions, as well as groundwater conditions, may vary significantly between borings.

Our services have been performed in accordance with generally accepted engineering and environmental principles and practices within the area at the time of our investigation. No other warranty (either expressed or implied) is made as to the professional advice provided. It should be recognized that certain limitations are inherent in the evaluation of subsurface conditions, and that certain conditions may not be detected during an investigation of this type. If you wish to reduce the level of uncertainty associated with this study, we can be contacted for additional consultation.

The analysis and conclusions contained in this report are based on the site conditions as they existed at the time of our reconnaissance. Changes in the information or the data obtained or in the proposed land use could result in changes in our conclusions. If such changes do occur, we should be advised so that we can review our report in light of those changes. Additionally, it is the sole responsibility of the owner to properly dispose of any materials left on-site according to existing laws and regulations.

TABLES

TABLE 1
TEI 580B PID Field Readings

BORING NO.	DEPTH BELOW GROUND SURFACE (FEET)	SAMPLE NO.	FIELD 580B-PID READING (PPM)
MW-3	5	MW-3 5'	0.4
MW-3	10	MW-3 10'	0.0
MW-3	15	Sample not analyzed	0.0
MW-3	20	Sample not analyzed	0.8
MW-3	25	Sample not analyzed	0.0
MW-3	30	Sample not analyzed	0.3
MW-4	5	MW-4 5'	1.0
MW-4	10	MW-4 10'	0.3
MW-5	5	MW-5 5'	0.9
MW-5	10	MW-5 10'	1.0

Note: ppm = Parts per million. ; - = Not sampled.

TABLE 2
Summary of Soil Analytical Data

SAMPLE NO.	BORING NO.	DEPTH BELOW GRADE SURFACE (FT)	TPH GASOLINE EPA METHOD 8015 M (MG/KG)	TPH DIESEL EPA METHOD 8015M (MG/KG)	BTEX EPA METHOD 8020 (µG/KG)	OIL & GREASE EPA METHOD 413.2 (MG/KG)	MTBE EPA METHOD 8020 (µG/KG)
MW-3 5'	MW-1	5	ND	ND	ND	ND	ND
MW-3 10'	MW-1	10	ND	ND	ND	ND	ND
MW-4 5'	MW-1	5	ND	ND	ND	ND	ND
MW-4 10'	MW-1	10	ND	ND	ND	ND	ND
MW-5 5'	MW-2	5	ND	ND	ND	ND	ND
MW-5 10'	MW-2	10	ND	ND	ND	ND	ND
Detection Limit: Refer to Appendix C							

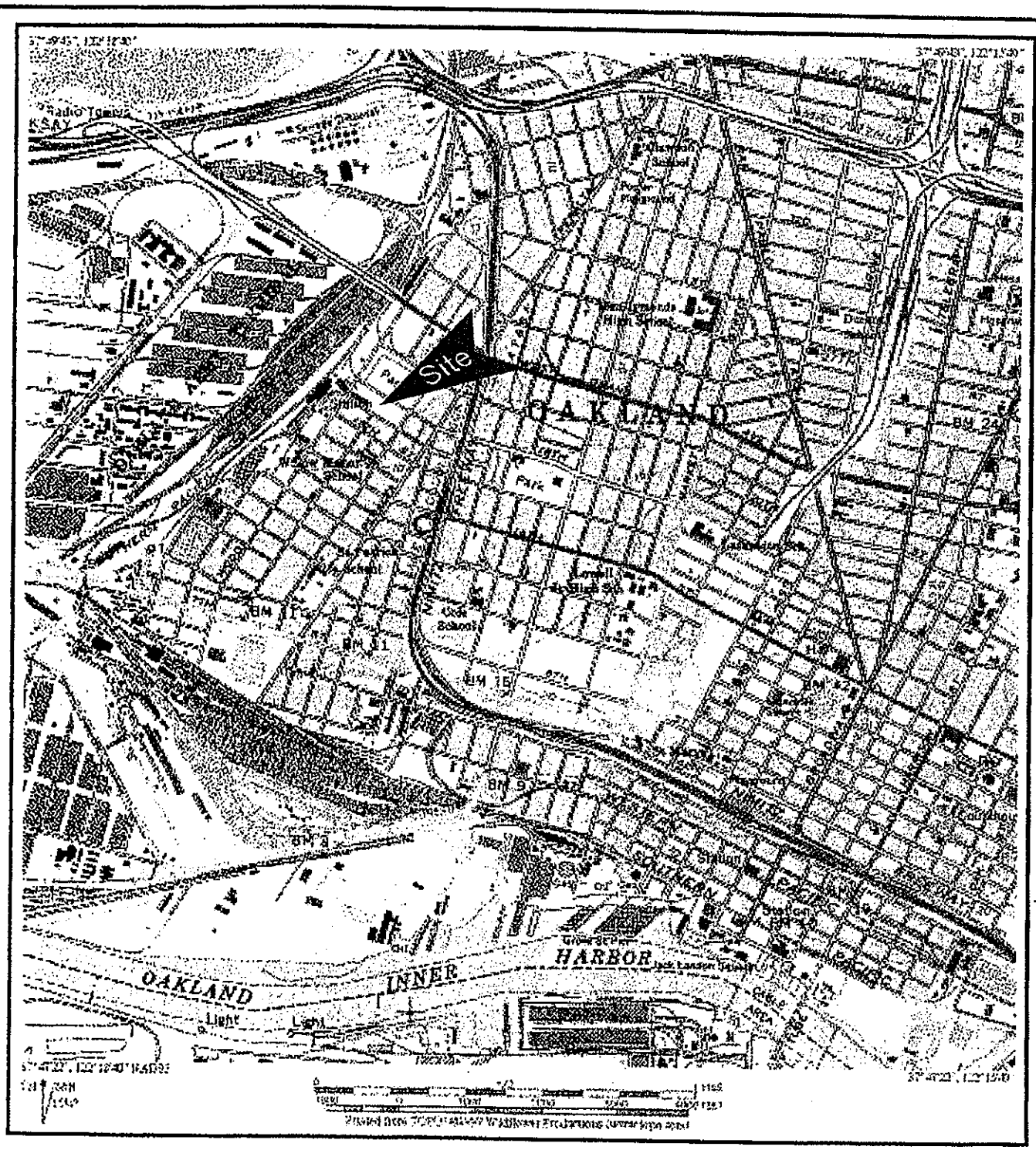
TPH = Total Petroleum Hydrocarbons.
mg/kg = Milligrams per kilogram or parts per million.
µg/kg=Micrograms per kilogram or parts per billion.

TABLE 3
Summary of Groundwater Analytical Data
By EPA Method 8015 modified and 8020

SAMPLE NO.	BORING NO.	TPH GASOLINE EPA METHOD 8015 M (µG/L)	TPH DIESEL EPA METHOD 8015M (µG/L)	BTEX EPA METHOD 8020 (µG/L)	OIL & GREASE EPA METHOD 413.2 (µG/L)	MTBE EPA METHOD 8020 (µG/L)
MW-3	MW-3	ND	65.9	ND	ND	ND
MW-4	MW-4	ND	65.7	ND	ND	ND
MW-5	MW-5	ND	78.7	ND	ND	ND
Detection Limit: Refer to Appendix C						

TPH = Total Petroleum Hydrocarbons.
mg/kg = Milligrams per kilogram or parts per million.
µg/kg=Micrograms per kilogram or parts per billion.

FIGURES



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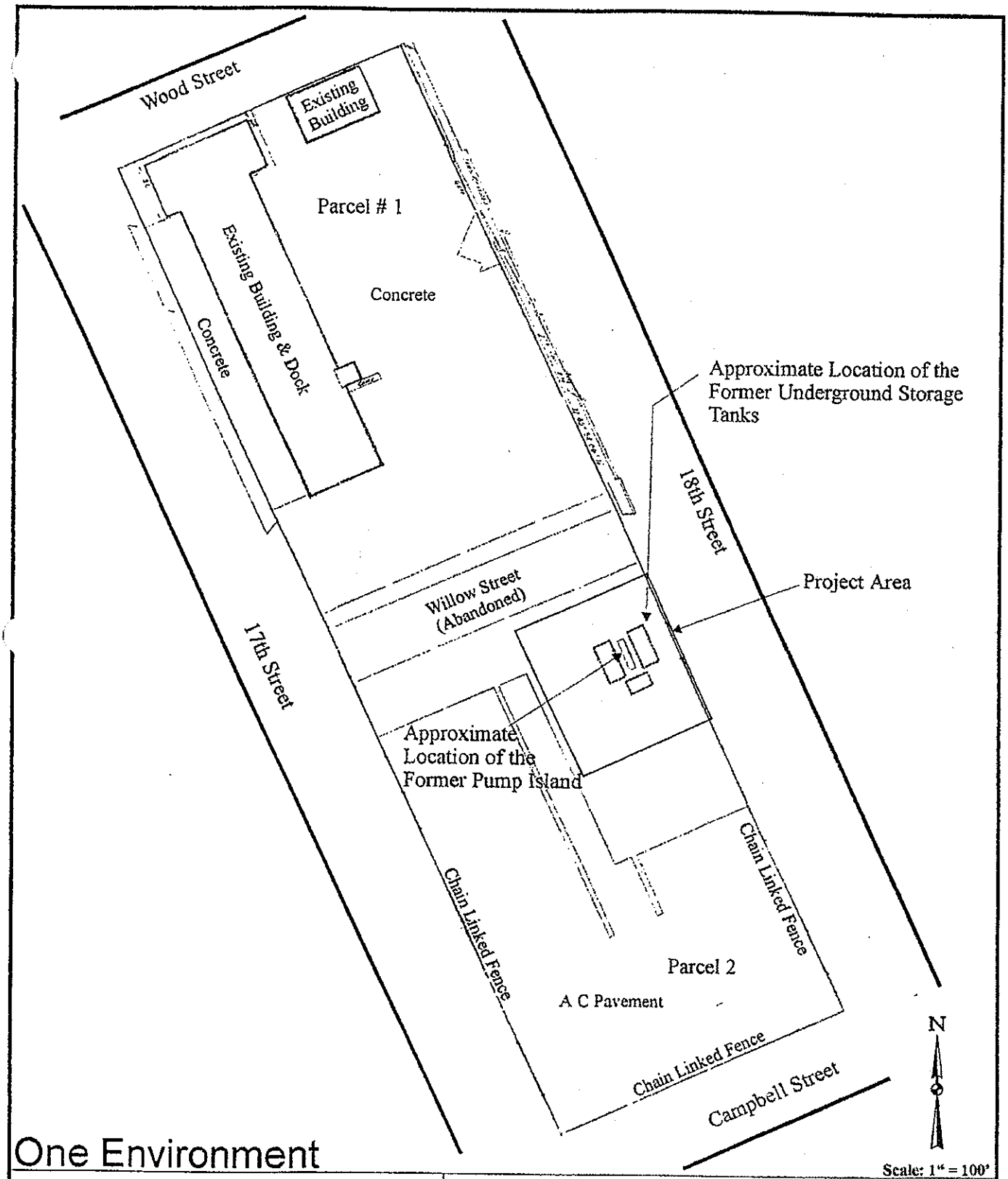
Project: **Roadway Express - Oakland** 1708 Wood Street Oakland, California	**Figure 1: Site Vicinity Location Map**



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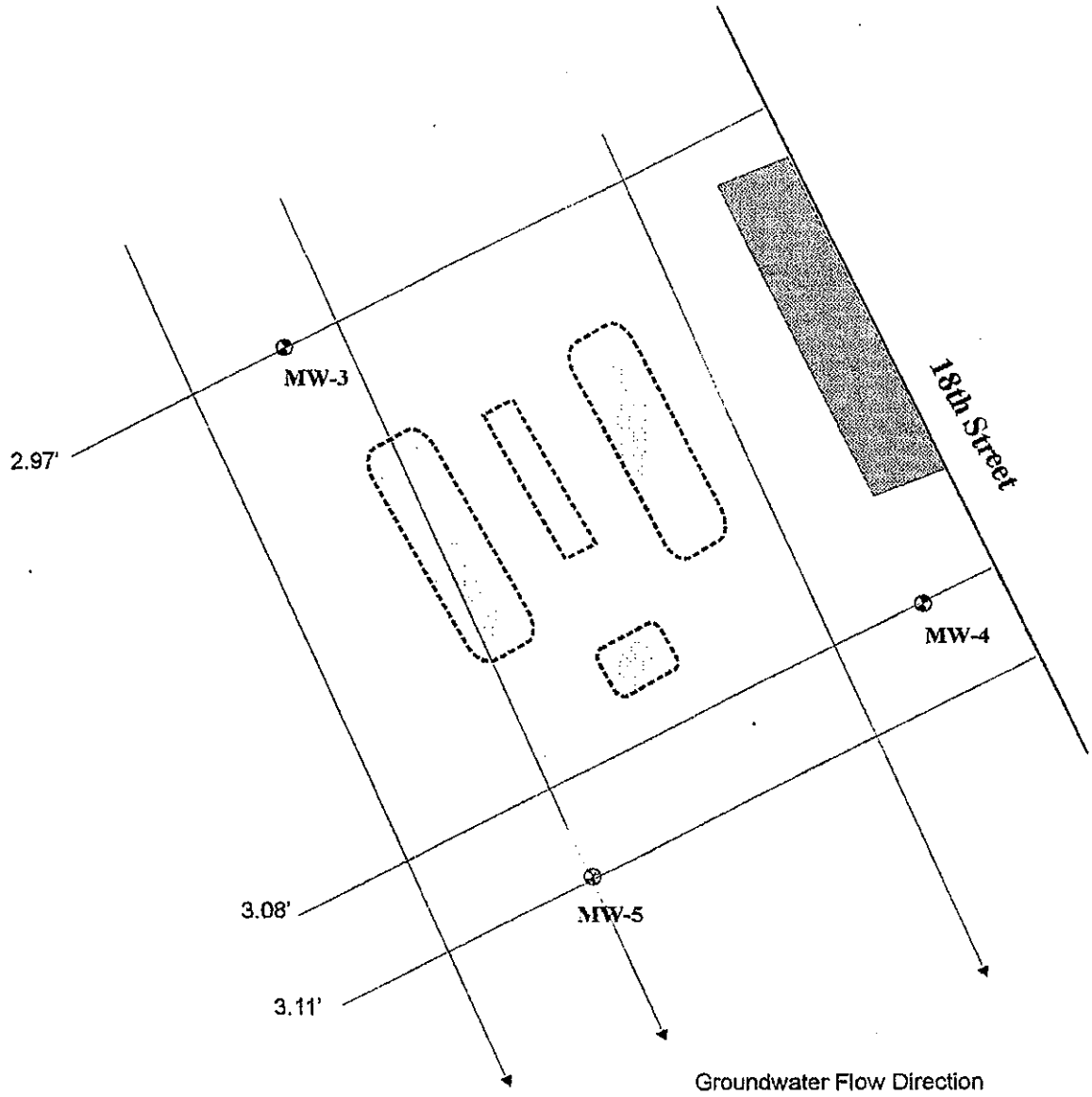
Project: **Roadway Express - Oakland** 1708 Wood Street Oakland, California	**Figure 2: Site Plot Plan**

File No.: REX-Oakland, CA	Date: September 22, 1999	Designed by: C.A.M.	Drawn by: C.A.M..



Legend

MW-1 Existing observation wells
B8 Soil borings performed by Bcon Environmental
B9 ProposedSpoilBorings/ Groundwater Wells

N

Scale: 1" = 20' on center

Note:
The former location of USTs and dispensing island is estimated based upon previous drawings.

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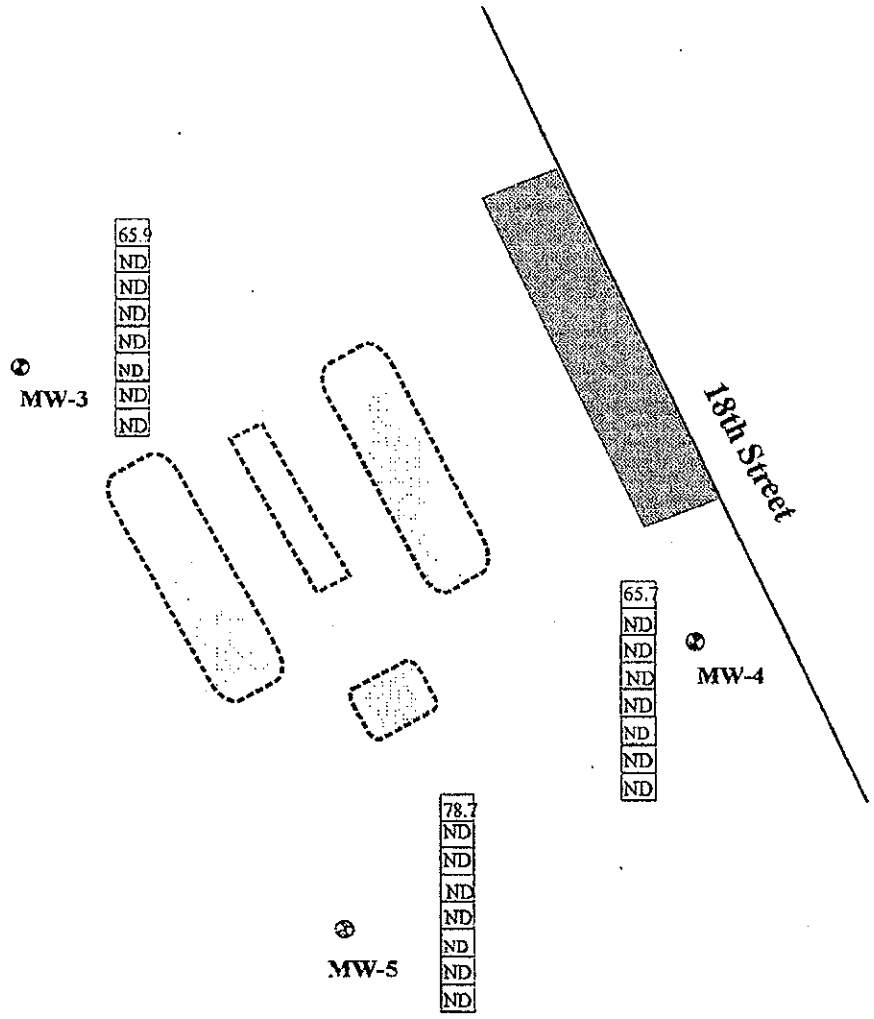
Project: **Roadway Express - Oakland** 1708 Wood Street Oakland, California	**Figure 3: Site Plan And Boring Location**
File No.: REX-Oakland. CA | Date: September 22, 1999 | Designed by: C.A.M. | Drawn by: C.A.M.	



Legend

MW-1	Existing Groundwater Monitoring Wells
154	Total Petroleum Hydrocarbons -Diesel mg/kg
ND	Total Petroleum Hydrocarbons - Gasoline mg/kg
ND	Benzene ug/kg
33	Toluene ug/kg
ND	Ethylbenzene ug/kg
64	Total Xylenes ug/kg
32	MTBE ug/kg
ND	Oil & Grease mg/kg

N

Note:
The former location of USTs and dispensing island is estimated based upon previous drawings.

Scale: 1" = 20' on center

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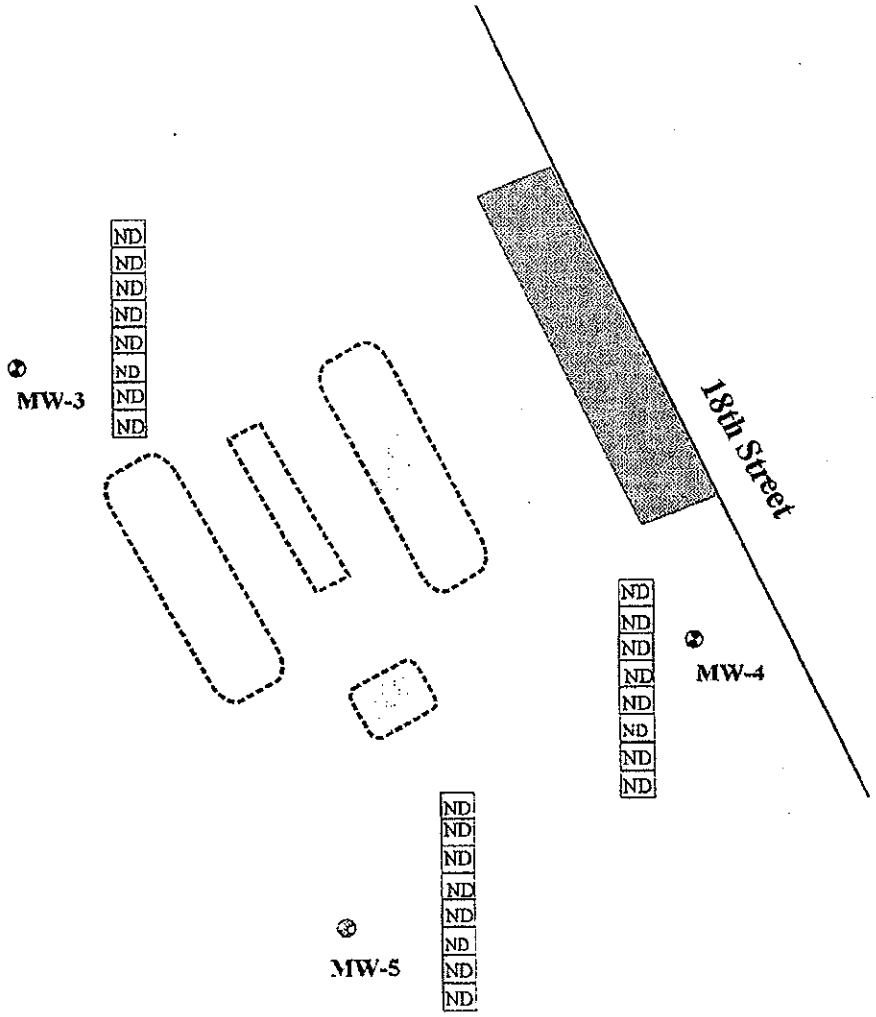
Project: **Roadway Express - Oakland**

1708 Wood Street
Oakland, California

Figure 4: Groundwater Analysis

File No.: REX-Oakland, CA	Date: January 2000	Designed by: C.A.M.	Drawn by: C.A.M.



Legend

MW-1	Existing Groundwater Monitoring Wells
154	Total Petroleum Hydrocarbons -Diesel mg/kg
ND	Total Petroleum Hydrocarbons - Gasoline mg/kg
ND	Benzene ug/kg
33	Toluene ug/kg
ND	Ethylbenzene ug/kg
64	Total Xylenes ug/kg
32	MTBE ug/kg
ND	Oil & Grease mg/kg

N

Scale: 1" = 20' on center

Note:
The former location of USTs and dispensing island is estimated based upon previous drawings.

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Project: **Roadway Express - Oakland**

1708 Wood Street
Oakland, California

Figure 5: Soil Analysis

File No.: REX-Oakland, CA	Date: January 2000	Designed by: C.A.M.	Drawn by: C.A.M.

APPENDICES

APPENDIX A
DATA SOIL BORING LOGS AND USCS

Log of Sub-surface Exploration

Drilled By: GreggF Drilling

Equipment type: Hollow Stem Auger Logged By: C. Madden

Diameter: 2"/8" Boring: MW-3 Date: 9/6/00

Total Depth: 30 feet Depth to GW: 14' bgs

Std. Pen / Bulk/Bag / Ring / Elev. (Feet)	PID (PPM)	Sample Number	Blows Per feet	USCS Letter / Graphic	Lithology Description
					Concrete top 6"
5	0.4	MW1-5'	1,1,1	CH	Dark gray, very soft, moist clay. No odor
10	0.0	MW1-10'	1,1,1		Dark gray, very soft, moist clay with minor amounts of thin diameter roots/debris. Hydrogen sulfide odor.
15	0.0	MW1-15'	4,10,14	CL	Dark gray, very soft, wet silty clay with thin root. Hydrogen sulfide odor.
20	0.8	MW1-20'	5,9,16		Brown, soft, wet, silty sandy clay. No odor.
25	0.0	MW1-25'	15,50,.6	SC	Brown, wet silty, clayey sand.
30	0.3	MW1-30'	13,35,30	SM CH	Brown, wet, silty sand. No odor TD = 30' Gray, very soft, wet, clay from 29' to 30' bgs.

Field Parameter Data:
Total depth =309 feet.
Groundwater encountered at 13' to 15 feet.,20 feet of screen from 10' to 30' bgs,8 bags of Sand 2' above screen1' of Bentonite

Log depicts conditions at the time and location drilled.

One Environment
248 Newport Avenue, Long Beach, Ca 90803
(562) 987-1096 Fax (562) 987-9120

Project Name: REX - Oakland, CA

Project Location Wood & 18th Street, Oakland, CA

File No.: REX-Oakland, CA Page: 1 of 1

Log of Sub-surface Exploration

Drilled By: Gregg Drilling

Equipment type: Hollow Stem Auger Logged By: C. Madden

Diameter: 2"/8" Boring: MW-4 Date: 9/6/00

Total Depth: 30 feet Depth to GW: 13' to 15" bgs

Std. Pen / Bulk/Bag / Ring / Elev. (Feet)	PID (PPM)	Sample Number	Blows Per feet	USCS Letter / Graphic	Lithology Description
					Concrete top 6"
5	0.4	MW1-5'	1,1,1	CH	Dark gray, very soft, moist clay. No odor
10	0.0	MW1-10'	1,1,1		Dark gray, very soft, moist clay with minor amounts of thin diameter roots/debris. Hydrogen sulfide odor.
15					Groundwater encountered at 13' to 15' bgs. Drill to total depth of 30'.
20					**Field Parameter Data:** Total depth =309 feet. Groundwater encountered at 13' to 15 feet. 20 feet of screen from 10' to 30' bgs 8 bags of Sand 2' above screen 1' of Bentonite
25					
30					

Log depicts conditions at the time and location drilled.

One Environment
248 Newport Avenue, Long Beach, Ca 90803
(562) 987-1096 Fax (562) 987-9120

Project Name: REX - Oakland, CA

Project Location Wood & 18th Street, Oakland, CA

File No.: REX-Oakland, CA Page: 1 of 1

Log of Sub-surface Exploration

Drilled By: Gregg Drilling

Equipment type: Hollow Stem Auger Logged By: C. Madden

Diameter: 2"/8" Boring: MW-5 Date: 9/6/00

Total Depth: 30 feet Depth to GW: 13' to 15" bgs

Std. Pen / Bulk/Bag / Ring / Elev. (Feet)	PID (PPM)	Sample Number	Blows Per feet	USCS Letter / Graphic	Lithology Description
					Concrete top 6"
5	0.4	MW1-5'	1,1,1	CH	Dark gray, very soft, moist clay. No odor
10	0.0	MW1-10'	1,1,1		Dark gray, very soft, moist clay with minor amounts of thin diameter roots/debris. Hydrogen sulfide odor.
					Groundwater encountered at 13' to 15' bgs. Drill to total depth of 30'.
15					
20					**Field Parameter Data:** Total depth =309 feet. Groundwater encountered at 13' to 15 feet. 20 feet of screen from 10' to 30' bgs 8 bags of Sand 2' above screen 1' of Bentonite
25					
30					

Log depicts conditions at the time and location drilled.

One Environment
248 Newport Avenue, Long Beach, Ca 90803
(562) 987-1096 Fax (562) 987-9120

Project Name: REX - Oakland, CA

Project Location Wood & 18th Street, Oakland, CA

File No.: REX-Oakland, CA Page: 1 of 1

APPENDIX B
MONITORING WELL SAMPLING

BLAINE
TECH SERVICES

1680 RC 'S AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

WELLHEAD INSPECTION CHECKLIST

Client Roadway Express
Site Address 1716 Wood Oakland
Technician Jared
Date 10/27/00

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

☐ Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW7	Pressure	
5	Pressure	

Note below all defiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected

WELL MONITORING DATA SHEET

Project #: 00-0?? RE	Client: Roadway Express
Sampler: Jared	Start Date: 10/23/00
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 29.22	Depth to Water: 4.97
Before: After:	Before: After: 5.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method: Bailer, (Disposable Bailer), Middleburg, Electric Submersible, Extraction Pump, Other: ________

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Other: ________

3.9 (Gals.) X 3 = 11.64 Gals.
Case Volume × Specified Volumes = Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
(2")	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	$radius^2 * 0.163$

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1052	65.8	6.6	9430	7200	4	
1102	65.9	6.7	9120	7200	8	
1110	65.4	6.5	9060	7200	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1112	Sampling Date: 10/23/00
Sample I.D.: MW-7	Laboratory: Sequoia
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: 8260 / Solvents 8270 / Org C
Equipment Blank I.D.: @ Time	Duplicate I.D.:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.7 mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 020023 AB RZ	Client: Rodney
Sampler: Jared	Start Date: 10/23/20
Well I.D.: MW 4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 29.31	Depth to Water: 4.25
Before: After:	Before: After: 4.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method: Bailer; (Disposable Bailer); Middleburg; Electric Submersible; Extraction Pump; Other: _____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
(2")	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

4.0 (Gals.) X 3 = 12 Gals.
Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1240	67.2	7.0	6350 uS	7200	4	color
1248	67.0	7.0	6000	190	8	
1254	66.7	7.0	5760 uS	112	12	

Did well dewater? Yes (No) — Gallons actually evacuated: 12

Sampling Time: 1256 — Sampling Date: 10/23/20

Sample I.D.: MW 4 — Laboratory: Sequoia

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) — Other: Oxi C / Solinst 8240/8260

Equipment Blank I.D.: @ Time — Duplicate I.D.:

Analyzed for: TPH-G BTEX MTBE TPH-D — Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	0.6	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:		mV

WELL MONITORING DATA SHEET

Project #: 301023 RO	Client: Roadway
Sampler: Jared	Start Date: 10/27/00
Well I.D.: MW 5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 29.10	Depth to Water: 4.68
Before: After:	Before: After: 5.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Purge Method: Bailer, (Disposable Bailer), Middleburg, Electric Submersible, Extraction Pump, Other: ________

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Other: ________

3.9 (Gals.) X 3 = 11.7 Gals.
Case Volume / Specified Volumes / Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
(2")	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1155	66.9	6.9	9030	>200	4	
1203	67.2	6.9	8080	>200	8	
1213	67.1	6.9	7500	>200	12	

Did well dewater? Yes (No)	Gallons actually evacuated: 12
Sampling Time: 1214	Sampling Date: 10/27/00
Sample I.D.: MW 5	Laboratory: Sequoia
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other: O&G / Solvents 8240 / 8260
Equipment Blank I.D.: @ Time	Duplicate I.D.:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd): Pre-purge: mg/L	Post-purge: 1.0 mg/L
ORP (if req'd): Pre-purge: mV	Post-purge: mV

WELL GAUGING DATA

Project # 001023 R2 Date Oct 23 00 Client Rodney Evans

Site 1708 [illegible]wood Rd. Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW 3	2	pressure				4.97	29.22	TOC	
MW 4	2					4.25	29.31		
MW 5	2	pressure				4.68	29.10		

Virgil Chavez Land Surveying
312 Georgia Street, Suite 225
Vallejo, California 94590-5907
(707) 553-2476 • Fax (707) 553-8698

November 21, 2000
Project No. 1932-00

Cheryl Madden
One Environment
248 Newport Avenue
Long Beach, CA 90803

Subject: Monitoring Well Survey
Roadway Express
1708 Wood St.
Oakland, CA

Dear Cheryl:

This is to confirm that we have proceeded at your request to survey the monitoring wells located at the above referenced location. The survey was completed on November 7, 2000. Measurements taken at approximate north side of top of box and top of casing. The southwest line of the maintenance shed was used as reference line for the station and offset data. The benchmark for the survey was the City of Oakland benchmark number 569, being the letter "O" in Oakland and the top of inlet at northeast corner of 18th and Wood. Benchmark Elevation = 5.69 feet, MSL.

Well No.	Rim Elevation	TOC Elevation	Station	Offset
MW - 3	8.23'	7.94'	0+44.45	-54.78 (Lt)
MW - 4	7.65'	7.33'	0-10.72	3.46 (Rt)
MW - 5	8.16'	7.79'	0-27.94	-43.49 (Lt)
SW bldg. cor.			0+00	0.00
W'ly bldg. line			---	0.00

Sincerely,

Virgil D. Chavez

Virgil D. Chavez, PLS 6323

APPENDIX C
LABORATORY REPORT AND CHAIN-OF-CUSTODY RECORDS

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

Ordered By

One Environmental
248 Newport Ave.
Long Beach, CA 90803

Telephone (562)987-1096
Attn Cheryl Madden

Number of Pages 4
Date Received 09/07/2000
Date Reported 09/14/2000

Job Number	Ordered	Client
8976	09/07/2000	ONEENV

Project ID: REX-OAKLAND
Project Name:
Site: 1708 Wood Street
Oakland, CA

Enclosed are the results of analyses on 3 soil samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

Rojert G. Araghi
Laboratory Director

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
6225 San Fernando Road, LA, CA 90065 Tel: (323) 254-7700 • Fax: (323) 254-7799

Page 1 of 1

ASL JOB# 8976

Company:	ONE ENVIRONMENT
Address:	248 Newport Ave. Long Beach CA 90803
Telephone:	562-987-1096
Fax:	562-987-9120
Special Instruction:	FAX Results
Project Name:	REX - OAKLAND
Site Address:	1708 Wood ST. OAKLAND, CA
Project ID:	REX - OAKland
Project Manager:	Cheryl Madden
Report To:	C. MADDEN
Address:	SAME
Invoice To:	SAME
Address:	Long Beach
P.O.#:	

ANALYSIS REQUESTED: TPH-D* 8015M; TPH-G 8015M; BTEX, MTBE* 8020; Oil & Grease**

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	TPH-D*	TPH-G	BTEX, MTBE*	Oil & Grease**	Remarks
1	56642	MW-1 10'	9/6/00		1	Brass Sleeve	Soil	None	X	X	X	X	
		MW-1 5'	9/6/00		1								Hold
2	56643	MW-2 10'	9/6/00		1				X	X	X	X	
		MW-2 5'	9/6/00		1								Hold
		MW-3 5'	9/6/00		1								Hold
3	56644	MW-3 10'	9/6/00		1				X	X	X	X	
		MW-3 15'	9/6/00		1								HOLD
					*	IF MTBE HIT, VERIFY w/8260							
					**	IF Oil & Grease is > 1000ppm, test for Semi-Volatiles & Halogenated Volatiles							

Collected By: Cheryl Madden Date 9/6/00 Time 4:00p

Relinquished By: Date 9/7/00 Time

Condition of Sample:

Relinquished By: Date Time

Received For Laboratory: ASL Date 9-7-00 Time 11:05

TAT: [X] Normal [ ] Rush

AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

ANALYTICAL RESULTS

Ordered By

Cne Environmental
248 Newport Ave.
Long Beach, CA 90803

Site

1708 Wood Street
Oakland, CA

Telephone: (562)987-1096
Attn: Cheryl Madden
Page 2
Project ID: REX-OAKLAND
Project Name:

Job Number	Order Date	Client
8976	09/07/2000	ONEENV

Method: 8015M/8020, TPH as Gasoline and BTEX + MTBE

Batch No: 091200-1

Our Lab I.D.		56642	56643	56644		
Sample ID		MW-1 10'	MW-2 10'	MW-3 10'		
Date Sampled		09/06/2000	09/06/2000	09/06/2000		
Date Extracted		09/12/2000	09/12/2000	09/12/2000		
Preparation Method						
Date Analyzed		09/12/2000	09/12/2000	09/12/2000		
Matrix		Soil	Soil	Soil		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		Units
Benzene	5	ND	ND	ND		ug/kg
Ethylbenzene	5	ND	ND	ND		ug/kg
Toluene (Methyl benzene)	5	ND	ND	ND		ug/kg
Xylenes, total	10	ND	ND	ND		ug/kg
MTBE	20	ND	ND	ND		ug/kg
TPH as Gasoline (C4-C12)	1	ND	ND	ND		mg/Kg

Our Lab I.D.		56642	56643	56644		
Surrogate	Con.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	103	88	79		

QUALITY CONTROL REPORT

Batch No: 091200-1

Analytes	MS % REC	MS DUP % REC	RPD %	MS MSD % Limit	MS RPD % Limit					
Benzene	80	77	3.8	75-120	15					
Toluene (Methyl benzene)	82	80	2.5	75-120	15					

ND - Not Detected at The Detection Limit. MS - Matrix Spike. MSD - Matrix Spike Duplicate. SM - Sample. SMD - Sample Duplicate.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

ANALYTICAL RESULTS

Ordered By

One Environmental
248 Newport Ave.
Long Beach, CA 90803

Site

1708 Wood Street
Oakland, CA

Telephone: (562)987-1096
Attn: Cheryl Madden

Page: 3
Project ID: REX-OAKLAND
Project Name:

Job Number	Order Date	Client
8976	09/07/2000	ONEENV

Method: 8015M/DHSLUFT, TPH DRO AND ORO

Batch No: 091300-1

Our Lab I.D.		56642	56643	56644		
Sample ID		MW-1 10'	MW-2 10'	MW-3 10'		
Date Sampled		09/06/2000	09/06/2000	09/06/2000		
Date Extracted		09/13/2000	09/13/2000	09/13/2000		
Preparation Method						
Date Analyzed		09/13/2000	09/13/2000	09/13/2000		
Matrix		Soil	Soil	Soil		
Units		mg/kg	mg/kg	mg/kg		
Detection Limit Multiplier		1	1	1		
Analytes	PQL	Results	Results	Results		
TPH DRO (C13-C22)	10	ND	ND	ND		
TPH ORO (C22+)	50	ND	ND	ND		

Our Lab I.D.		56642	56643	56644		
Surrogates	Con.Limit	% Rec.	% Rec.	% Rec.		
Surrogate Percent Recovery						
Chlorobenzene	70-120	99	100	99		

QUALITY CONTROL REPORT

Batch No: 091300-1

Analytes	MS % REC	MS DUP % REC	RPD %	MS MSD % Limit	MS RPD % Limit				
Diesel	102	105	2.9	75-120	15				

ND - Not Detected at The Detection Limit. MS - Matrix Spike. MSD - Matrix Spike Duplicate. SM - Sample. SMD - Sample Duplicate.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

ANALYTICAL RESULTS

Ordered By

One Environmental
248 Newport Ave.
Long Beach, CA 90803

Site

1708 Wood Street
Oakland, CA

Telephone: (562)987-1096
Attn: Cheryl Madden

Page: 4
Project ID: REX-OAKLAND
Project Name:

Job Number	Order Date	Client
8976	09/07/2000	ONEENV

Method: 413.2, Oil and Grease by IR

Our Lab I.D.		56642	56643	56644		
Sample ID		MW-1 10'	MW-2 10'	MW-3 10'		
Date Sampled		09/06/2000	09/06/2000	09/06/2000		
Date Extracted		09/14/2000	09/14/2000	09/14/2000		
Preparation Method						
Date Analyzed		09/14/2000	09/14/2000	09/14/2000		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Detection Limit Multiplier		1	1	1		
Analytes	**PQL**	**Results**	**Results**	**Results**		
Oil and Grease	10	ND	ND	ND		

QUALITY CONTROL REPORT

Analytes	LCS % REC	LCS/LCSD % Limit								
Oil and Grease	109	70-120								

ND - Not Detected at The Detection Limit. MS - Matrix Spike. MSD - Matrix Spike Duplicate. SM - Sample. SMD - Sample Duplicate.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Roadway Express	Project: 1708 Wood St	
245 Newport Avenue	Project Number: BTS# 001023-R2	**Reported:**
Long Beach CA, 90803	Project Manager: Cheryl Madden	11/13/00 09:39

Total Purgeable Hydrocarbons by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*84.1 %*		*70-130*		"	"	"	
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*97.8 %*		*70-130*		"	"	"	
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*96.9 %*		*70-130*		"	"	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water	**Sampled: 10/23/00 11:12**	**Received: 10/24/00 11:00**							
Diesel Range Hydrocarbons	65.9	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*77.4 %*	*50-150*		"	"	"	"	
MW 4 (MJJ0691-02) Water	**Sampled: 10/23/00 12:56**	**Received: 10/24/00 11:00**							
Diesel Range Hydrocarbons	65.7	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*84.6 %*	*50-150*		"	"	"	"	
MW 5 (MJJ0691-03) Water	**Sampled: 10/23/00 12:14**	**Received: 10/24/00 11:00**							
Diesel Range Hydrocarbons	78.7	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*78.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
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www.sequoialabs.com

Roadway Express	Project: 1708 Wood St	
245 Newport Avenue	Project Number: BTS# 001023-R2	**Reported:**
Long Beach CA, 90803	Project Manager: Cheryl Madden	11/13/00 09:39

MTBE by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*		*70-130*		"	"	"	"
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*70-130*		"	"	"	"
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*		"	"	"	"

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	

Sequoia
Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

14 November, 2000

Cheryl Madden
Roadway Express
248 Newport Avenue
Long Beach, CA 90803

RE: 1708 Wood St
Sequoia Report: MJJ0691

Enclosed are the results of analyses for samples received by the laboratory on 10/24/00 11:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Smyly
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
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Roadway Express	Project: 1708 Wood St	
245 Newport Avenue	Project Number: BTS# 001023-R2	**Reported:**
Long Beach CA, 90803	Project Manager: Cheryl Madden	11/14/00 16:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 3	MJJ0691-01	Water	10/23/00 11:12	10/24/00 11:00
MW 4	MJJ0691-02	Water	10/23/00 12:56	10/24/00 11:00
MW 5	MJJ0691-03	Water	10/23/00 12:14	10/24/00 11:00

Jeff Smyly, Project Manager

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Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Total Purgeable Hydrocarbons by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*84.1 %*		*70-130*	"	"	"	"	
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*97.8 %*		*70-130*	"	"	"	"	
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Surrogate: a,a,a-Trifluorotoluene		*96.9 %*		*70-130*	"	"	"	"	

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Roadway Express	Project: 1708 Wood St	
248 Newport Avenue	Project Number: BTS# 001023-R2	Reported:
Long Beach CA, 90803	Project Manager: Cheryl Madden	11/14/00 16:52

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Benzene	ND	0.500	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.1 %*	*70-130*		"	"	"	"	
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Benzene	ND	0.500	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.8 %*	*70-130*		"	"	"	"	
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Benzene	ND	0.500	ug/l	1	0K03003	11/03/00	11/03/00	DHS LUFT	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.9 %*	*70-130*		"	"	"	"	

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Roadway Express	Project: 1708 Wood St	
248 Newport Avenue	Project Number: BTS# 001023-R2	**Reported:**
Long Beach CA, 90803	Project Manager: Cheryl Madden	11/14/00 16:52

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Diesel Range Hydrocarbons	65.9	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*77.4 %*	*50-150*		"	"	"	"	
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Diesel Range Hydrocarbons	65.7	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*84.6 %*	*50-150*		"	"	"	"	
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Diesel Range Hydrocarbons	78.7	50.0	ug/l	1	0J30012	10/30/00	10/30/00	DHS LUFT	D-15
Surrogate: n-Pentacosane		*78.0 %*	*50-150*		"	"	"	"	

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Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

MTBE by EPA Method 8260A

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water Sampled: 10/23/00 11:12 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*		*70-130*		"	"	"	"
MW 4 (MJJ0691-02) Water Sampled: 10/23/00 12:56 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*70-130*		"	"	"	"
MW 5 (MJJ0691-03) Water Sampled: 10/23/00 12:14 Received: 10/24/00 11:00									
Methyl tert-butyl ether	ND	1.00	ug/l	1	0K02009	11/01/00	11/01/00	EPA 8260A	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*		"	"	"	"

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Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (MJJ0691-01) Water	**Sampled: 10/23/00 11:12**	**Received: 10/24/00 11:00**							
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	
MW 4 (MJJ0691-02) Water	**Sampled: 10/23/00 12:56**	**Received: 10/24/00 11:00**							
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	
MW 5 (MJJ0691-03) Water	**Sampled: 10/23/00 12:14**	**Received: 10/24/00 11:00**							
TRPH	ND	5.00	mg/l	1	0J31006	10/31/00	10/31/00	SM 5520B/F	

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Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Total Purgeable Hydrocarbons by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K03003 - EPA 5030B [P/T]										
Blank (0K03003-BLK1)				Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Surrogate: a,a,a-Trifluorotoluene	*8.95*		"	*10.0*		*89.5*	*70-130*			
LCS (0K03003-BS1)				Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	212	50.0	ug/l	250		84.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.0*		"	*10.0*		*120*	*70-130*			
Matrix Spike (0K03003-MS1)		**Source: MJJ0689-01**		Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	237	50.0	ug/l	250	ND	94.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*13.2*		"	*10.0*		*132*	*70-130*			*S-02*
Matrix Spike Dup (0K03003-MSD1)		**Source: MJJ0689-01**		Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	237	50.0	ug/l	250	ND	94.8	60-140	0	25	
Surrogate: a,a,a-Trifluorotoluene	*12.7*		"	*10.0*		*127*	*70-130*			

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K03003 - EPA 5030B [P/T]										
Blank (0K03003-BLK1)				Prepared & Analyzed: 11/03/00						
Benzene	ND	0.500	ug/l							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Surrogate: a,a,a-Trifluorotoluene	*8.95*		"	*10.0*		*89.5*	*70-130*			

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J30012 - EPA 3510B										
Blank (0J30012-BLK1)				Prepared & Analyzed: 10/30/00						
Diesel Range Hydrocarbons	ND	50.0	ug/l							
Surrogate: n-Pentacosane	*93.3*		"	*100*		*93.3*	*50-150*			
LCS (0J30012-BS1)				Prepared & Analyzed: 10/30/00						
Diesel Range Hydrocarbons	815	50.0	ug/l	1000		81.5	60-140			
Surrogate: n-Pentacosane	*85.2*		"	*100*		*85.2*	*50-150*			
Matrix Spike (0J30012-MS1)		Source: MJJ0610-01		Prepared: 10/30/00 Analyzed: 11/02/00						
Diesel Range Hydrocarbons	200000	10000	ug/l	1000	ND	20000	50-150			Q-01
Surrogate: n-Pentacosane	*0*		"	*100*			*50-150*			*S-01*
Matrix Spike Dup (0J30012-MSD1)		Source: MJJ0610-01		Prepared: 10/30/00 Analyzed: 11/02/00						
Diesel Range Hydrocarbons	271000	10000	ug/l	1000	ND	27100	50-150	30.1	50	Q-01
Surrogate: n-Pentacosane	*736*		"	*100*		*736*	*50-150*			*S-01*

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

MTBE by EPA Method 8260A - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K02009 - EPA 5030B [P/T]										
Blank (0K02009-BLK1)				Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	ND	1.00	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*9.84*		"	*10.0*		*98.4*	*70-130*			
LCS (0K02009-BS1)				Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	7.96	1.00	ug/l	10.0		79.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike (0K02009-MS1)		**Source: MJJ0807-01**		Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	8.03	1.00	ug/l	10.0	ND	80.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.3*		"	*10.0*		*103*	*70-130*			
Matrix Spike Dup (0K02009-MSD1)		**Source: MJJ0807-01**		Prepared & Analyzed: 11/01/00						
M tert-butyl ether	9.63	1.00	ug/l	10.0	ND	96.3	70-130	18.1	25	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		"	*10.0*		*107*	*70-130*			

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J31006 - General Prep										
Blank (0J31006-BLK1)				Prepared & Analyzed: 10/31/00						
TRPH	ND	5.00	mg/l							
LCS (0J31006-BS1)				Prepared & Analyzed: 10/31/00						
TRPH	9.80	5.00	mg/l	10.0		98.0	70-130			
LCS Dup (0J31006-BSD1)				Prepared & Analyzed: 10/31/00						
TRPH	10.4	5.00	mg/l	10.0		104	70-130	5.94	30	

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/14/00 16:52

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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13 November, 2000

Cheryl Madden
Roadway Express
248 Newport Avenue
Long Beach, CA 90803

RE: 1708 Wood St
Sequoia Report: MJJ0691

Enclosed are the results of analyses for samples received by the laboratory on 10/24/00 11:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Smyly
Project Manager

CA ELAP Certificate #1210

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 3	MJJ0691-01	Water	10/23/00 11:12	10/24/00 11:00
MW 4	MJJ0691-02	Water	10/23/00 12:56	10/24/00 11:00
MW 5	MJJ0691-03	Water	10/23/00 12:14	10/24/00 11:00

Jeff Smyly, Project Manager

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Roadway Express 245 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

Total Purgeable Hydrocarbons by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K03003 - EPA 5030B [P/T]										
Blank (0K03003-BLK1)				Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	ND	50.0	ug l							
Surrogate: a,a,a-Trifluorotoluene	*8.95*		"	*10.0*		*89.5*	*70-130*			
LCS (0K03003-BS1)				Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	212	50.0	ug l	250		84.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.0*		"	*10.0*		*120*	*70-130*			
Matrix Spike (0K03003-MS1)	Source: MJJ0689-01			Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	237	50.0	ug l	250	ND	94.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*13.2*		"	*10.0*		*132*	*70-130*			*S-02*
Matrix Spike Dup (0K03003-MSD1)	Source: MJJ0689-01			Prepared & Analyzed: 11/03/00						
Purgeable Hydrocarbons	237	50.0	ug l	250	ND	94.8	60-140	0	25	
Surrogate: a,a,a-Trifluorotoluene	*12.7*		"	*10.0*		*127*	*70-130*			

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	Reported: 11/13/00 09:39

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J30012 - EPA 3510B										
Blank (0J30012-BLK1)				Prepared & Analyzed: 10/30/00						
Diesel Range Hydrocarbons	ND	50.0	ug l							
Surrogate: n-Pentacosane	*93.3*		"	*100*		*93.3*	*50-150*			
LCS (0J30012-BS1)				Prepared & Analyzed: 10/30/00						
Diesel Range Hydrocarbons	815	50.0	ug l	1000		81.5	60-140			
Surrogate: n-Pentacosane	*85.2*		"	*100*		*85.2*	*50-150*			
Matrix Spike (0J30012-MS1)		**Source: MJJ0610-01**		Prepared: 10/30/00 Analyzed: 11/02/00						
Diesel Range Hydrocarbons	200000	10000	ug l	1000	ND	20000	50-150			Q-01
Surrogate: n-Pentacosane	*0*		"	*100*			*50-150*			S-02
Matrix Spike Dup (0J30012-MSD1)		**Source: MJJ0610-01**		Prepared: 10/30/00 Analyzed: 11/02/00						
Diesel Range Hydrocarbons	271000	10000	ug l	1000	ND	27100	50-150	30.1	50	Q-01
Surrogate: n-Pentacosane	*736*		"	*100*		*736*	*50-150*			S-02

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

MTBE by EPA Method 8260A - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0K02009 - EPA 5030B [P/T]										
Blank (0K02009-BLK1)				Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	ND	1.00	ug l							
Surrogate: 1,2-Dichloroethane-d4	*9.84*		"	*10.0*		*98.4*	*70-130*			
LCS (0K02009-BS1)				Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	7.96	1.00	ug l	10.0		79.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike (0K02009-MS1)		Source: MJJ0807-01		Prepared & Analyzed: 11/01/00						
Methyl tert-butyl ether	8.03	1.00	ug l	10.0	ND	80.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*10.3*		"	*10.0*		*103*	*70-130*			
Matrix Spike Dup (0K02009-MSD1)		Source: MJJ0807-01		Prepared & Analyzed: 11/01/00						
M[illegible] tert-butyl ether	9.63	1.00	ug l	10.0	ND	96.3	70-130	18.1	25	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		"	*10.0*		*107*	*70-130*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J31006 - General Prep										
Blank (0J31006-BLK1)				Prepared & Analyzed: 10/31/00						
TRPH	ND	5.00	mg/l							
LCS (0J31006-BS1)				Prepared & Analyzed: 10/31/00						
TRPH	9.80	5.00	mg/l	10.0		98.0	70-130			
LCS Dup (0J31006-BSD1)				Prepared & Analyzed: 10/31/00						
TRPH	10.4	5.00	mg/l	10.0		104	70-130	5.94	30	

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Roadway Express 248 Newport Avenue Long Beach CA, 90803	Project: 1708 Wood St Project Number: BTS# 001023-R2 Project Manager: Cheryl Madden	**Reported:** 11/13/00 09:39

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BLAINE TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT

SITE

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

LAB

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

March 9, 2006

Ms. Jennifer Sedlacheck
Exxon Mobil
4096 Piedmont, #194
Oakland, CA 94611

Mr. Joseph Aldridge
Valero Energy Corporation
685 West Third Street
Hanford, CA 93230

Subject: Fuel Leak Case No. RO0002426, Former Exxon Station #7-3567, 3192 Santa Rita Road, Pleasanton, CA – Report Submittal to Alameda County FTP Site

Dear Ms. Sedlacheck:

You recently submitted a hard copy of a report for the above-referenced site entitled, "Groundwater Monitoring Report, Fourth Quarter 2005, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California." The report was dated February 13, 2006 and was received by Alameda County Environmental Health (ACEH) on March 3, 2006. Please note that effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Hard copies of reports are no longer accepted. **Therefore, please upload the "Groundwater Monitoring Report, Fourth Quarter 2005," and all future reports to the Alameda County FTP site** as outlined in the following discussion of "Electronic Submittal of Reports," and the enclosed, "Electronic Report Upload (ftp) Instructions."

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet.

Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Boulevard
Petaluma, CA 94954

Donna Drogos, ACEH
Jerry Wickham, ACEH
File