Prepared for

Mr. William M. Shea
Executor of Estate of Robert H. Bohna
285 Second Street
Sonoma, California 95476

REPORT OF INVESTIGATION

870 BROADWAY

SONOMA, CALIFORNIA

JANUARY 2011

EBA Project No. 10-1639

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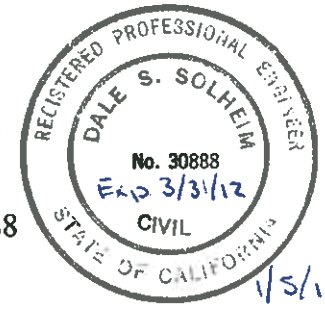

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1.0 INTRODUCTION

Mr. William Shea, Executor of the Estate of Robert Bohna (Client), contracted with EBA Engineering (EBA) to perform a subsurface investigation at 870 Broadway in Sonoma, California, hereafter referred to as the project site (Figure 1, Appendix A). This report outlines findings from the investigation performed at various locations on the project site property. The purpose of this investigation was to determine if environmental impacts existed at the project site from historic uses of the project site as identified in a *Phase I Environmental Site Assessment* (EBA, 2010a). The scope of work for this investigation was performed in general accordance with EBA's *Cost Estimate for Environmental Services* dated August 11, 2010 (EBA, 2010b).

2.0 BACKGROUND INFORMATION

2.1 General

The project site is located at 870 Broadway in Sonoma, California (Figure 1, Appendix A). The project site contains a main commercial building with an automotive repair shop and showroom, an alignment building and a historic school building. The project site buildings are currently used for automotive sales, repair and maintenance. The surrounding properties include residential properties to the east and commercial properties to the north of the project site property. Broadway borders the western portion of the project site property and East MacArthur Street borders the southern portion of the project site. A site plan showing the general site features and environmental sampling locations is presented as Figure 2 (Appendix A).

2.2 Site History

The project site was originally developed in the late 1860's and used as a school until the early 1920's. The project site was then developed commercially some time between 1923 and 1941 and has been used for automotive purposes including sales, services and maintenance since that time. In September 2010 a Phase I Environmental Site Assessment completed at the site identified four areas of potential concern on the project site property as follows:

- The use of the southwestern portion of the project site as a gasoline services station in the early 1940's.
- The use of one project site building for autobody work including body work and painting.
- The use of former underground hydraulic hoists in the shop and the autobody/alignment buildings.
- Observations of stained soil in the area between the shop and historic school building.

This report provides findings and recommendations with regard to the potential impacts from these structures and/or uses on the project site over time.

2.3 Regional Hydrogeologic Setting

The project site is located within the Coast Range Geomorphic Province of northern California.

The Coast Range Geomorphic Province is generally characterized as a series of northwest trending elongated ridges and valleys that are a result of folding and faulting. The province includes many separate ranges, coalescing mountain masses, and several major structural valleys. The regional structure of the Coast Range is considered to be a number of independent fault blocks with different stratigraphic and structural histories.

The project site is located in the Valley of the Moon along the southern extension of the Kenwood Syncline. The Kenwood Syncline is a northwest-trending structural downfold formed during the Pliocene Epoch. The Valley of the Moon is flanked to the northeast by the Mayacama Mountains and to the southwest by the Sonoma Mountains (California Department of Water Resources [DWR], 1975).

Surface deposits in this region consist of Quaternary alluvium comprised of unconsolidated clays, silts, sands and gravels. These surface deposits, in turn, are underlain by Glen Ellen Formation and/or Sonoma Volcanic materials. The Glen Ellen Formation is of Pliocene-Pleistocene age and consists of heterogeneous mixtures of consolidated clays, silts, sands and gravels. The Sonoma Volcanics are of middle to late Pliocene age and consist of mixed volcanic materials, including flows, dikes, plugs, and beds of andesite, rhyolite, basalt, tuff breccia, and tuff (DWR, 1975).

3.0 FIELD INVESTIGATION

3.1 Soil Boring Advancement

On November 1, 2010, EBA personnel supervised the drilling of six soil borings (SB-1 through SB-6) by RSI Drilling, Inc., a C-57 licensed driller headquartered in Woodland, California.

Prior to the start of drilling activities, the drilling locations were marked for Underground Service Alert (USA) in order to locate subsurface utilities. In addition, a drilling permit was obtained from the County of Sonoma Department of Health Services – Environmental Health Division.

A truck mounted direct push drill rig equipped with two-inch diameter hollow-stem augers was used to advance the soil borings to depths ranging from 12 to 26 feet below ground surface (BGS). The locations of the soil borings are depicted on Figure 2 in Appendix A and were chosen to assess potential environmental impacts from historic uses and/or structures at the project site.

3.1.1 Autobody/Alignment Building

Four soil borings (SB-1 through SB-4) were advanced on all four sides of the autobody/alignment building. Please see Figure 2, Appendix A for the boring locations. Soil borings, SB-1 and SB-2, were advanced to 24 feet BGS and soil borings, SB-3 and SB-4, were advanced to 26 feet BGS.

3.1.2 Former Gasoline Service Station

Two phases of investigation were completed in the area of the former gasoline service station. The first phase consisted of the completion of a geophysical survey to identify subsurface structures (i.e. buried tanks, metallic objects, building foundations etc). The second phase consisted of the advancement of a soil boring in the expected downgradient location from the former station footprint for the purpose of collecting soil and groundwater samples for chemical analysis. The following subsections provide details of the work completed in this area of the project site property.

3.1.2.1 Geophysical Survey

The Phase I Environmental Assessment documented the historic presence of a gasoline service station located on the southwestern corner of the project site. Remnants of the fuel dispensing island are present within the sidewalk adjacent to Broadway.

A geophysical survey was performed in the area of the former gasoline service station to determine if underground fuel storage tanks (USTs), buried structures and/or building components existed at the project site property. The survey was conducted by Norcal Geophysical Consultants under the supervision of EBA Engineering. The approximate size of the area of interest measured 50 feet by 85 feet and included the areas of the existing sidewalk in which remnants of fueling dispensers are visible in the sidewalk adjacent to Broadway.

The survey used a magnetometer (MAG) and electromagnetic conductivity (EM) meter on a 5-ft. grid to define localized magnetic and conductivity variations that may be due to subsurface metallic and non-metallic debris. The survey also used ground penetrating radar to further define the nature of MAG and EM anomalies as well as an electromagnetic metal detector.

A copy of the *Geophysical Investigation* from Norcal Geophysical is presented in Appendix E.

3.1.2.2 Soil Boring Advancement

One soil boring (SB-5) was advanced to a depth of 24 feet BGS in the area of the former gasoline service station. The boring was installed following the completion of the field survey and mark out of the geophysical survey. The boring was placed in the anticipated downgradient location from the former station footprint as determined by groundwater flow data of several nearby site investigations.

3.1.3 Former Hydraulic Hoist Locations

One soil boring (SB-6) was advanced to a depth of 12 feet BGS in the main shop building in the area of a former hydraulic hoist. The presence of the former in-ground hydraulic hoist had been documented in this area of the project site during the Phase I Environmental Site Assessment. The hoist had reportedly been removed some time in the past with no regulatory oversight or soil sampling. The boring was installed within the footprint of the former hoist to collect soil samples from the anticipated total depth of the former hoist.

On November 22, 2010 hand auger boring HA-3 was advanced within the alignment shop in a second area in which an in-ground hydraulic hoist was historically used at the project site. The boring was advanced using a hand auger due to access limitations in this structure. The boring was advanced to a depth of seven feet BGS for the purpose of collecting a soil sample for chemical analysis.

3.1.4 Surface Soil Sampling

Two hand auger borings (HA-1 and HA-2) were advanced in the area of soil staining between the shop and the historic school building as identified in the Phase I Environmental Site Assessment. The hand auger borings were advanced to depths of 20 and 24 inches BGS, respectively. Two soil samples were collected from the surface of each hand auger boring in addition to samples collected at depths of 16 to 20 inches in HA-1 and 18 to 24 inches in HA-2. Please refer to Figure 2 in Appendix B for Hand Auger locations.

3.2 Soil Sample Collection

Continuous core soil samples were collected from each boring from the ground surface to total depth of the boring. Selected soil samples were collected from the recovered drilling core in two-inch diameter by six inch long steel tubes. Upon collection the soil samples were sealed and placed under refrigerated conditions pending transport to a State certified analytical laboratory for chemical analysis.

The subsurface conditions encountered in each boring were logged in accordance with the Unified Soil Classification System. In addition, soil samples were screened for the presence of volatile organic compounds (VOCs) during the course of drilling using a photo-ionization detector (PID). Please refer to the soil boring logs enclosed in Appendix C for a summary of the sampling intervals, PID readings, and subsurface lithology recorded during the drilling.

3.3 Groundwater Grab Sample Collection

Groundwater grab samples were collected from each of the boreholes upon completion of the soil sampling activities with the exception of soil boring SB-6 which was installed for the purpose of collecting soil samples from the former hoist location. Once the final depth was reached in each borehole, the drilling tooling was removed and one-inch diameter poly-vinyl chloride casing and screen were temporarily placed within the borehole to allow for groundwater infiltration. The groundwater grab samples were collected using a disposable bailer.

Upon sample collection, the groundwater grab samples were transferred into properly labeled, laboratory supplied sample containers. The groundwater grab samples were subsequently logged on a chain-of-custody form and placed under refrigerated conditions pending transport to K Prime Inc., a California State-certified analytical laboratory located in Santa Rosa, California, for chemical analysis.

3.4 Laboratory Testing

Grab groundwater and soil samples collected from the soil borings SB-1 through SB-5 and hand auger borings HA-1 and HA-2 were analyzed for Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and Heavy Range Organics (HRO) using EPA Method 8015. The groundwater samples were also analyzed for volatile organic compounds using EPA Method 8260B and the metals cadmium, chromium, lead, nickel and zinc using EPA Method 3050/6020.

The soil sample collected from soil boring SB-6 was analyzed for DRO and HRO using EPA Method 8015 in addition to polychlorinated biphenyls (PCBs) using EPA Method 3550/8082, the volatile organic compounds benzene, toluene, xylenes and ethylbenzene (BTEX) using EPA Method 8260B and the metals cadmium, chromium, lead, nickel and zinc using EPA Method 3050/6020.

The soil sample from the hand auger HA-3 was analyzed for DRO using EPA Method 8015 and BTEX constituents by EPA Method 8260B.

3.5 Equipment Decontamination and Borehole Abandonment

The drilling and sampling equipment were steam cleaned between each boring to minimize cross contamination. Decontamination water from the process was retained on-site in properly labeled DOT-17H 55-gallon drums pending characterization and disposal.

Following the completion of the soil and groundwater sampling activities, the soil borings were properly abandoned by backfilling with cement grout to six inches BGS and capped with asphalt to grade. The hand auger borings were backfilled with native material.

4.0 FINDINGS

4.1 Geology and Hydrogeology

Materials encountered during drilling activities consisted of varying amounts of gravel, sand, silt and clay. Groundwater was initially encountered during the drilling activities at depths ranging from eight to 22 feet BGS. Depth to groundwater was observed to subsequently rise after the drilling was completed which may be indicative of confined or semi-confined groundwater aquifer conditions. Please refer to the soil boring logs included in Appendix C for a complete description of the materials encountered during the drilling activities.

4.2 Autobody/Alignment Building

Soil and groundwater samples collected from soil borings SB-1 through SB-4 in the area of the alignment shop did not indicate detections of petroleum hydrocarbons or VOCs above laboratory detection limits. Metals including chromium, lead, nickel and zinc were detected in all soil and groundwater samples collected from these borings with the exception of lead in soil boring SB-4

grab groundwater sample. Cadmium was not detected above laboratory detection limits in any of the soil or groundwater samples collected from these soil borings.

Please refer to Tables 1 through 6 in Appendix B for soil and groundwater analytical results from soil borings SB-1 through SB-4.

4.3 Former Hydraulic Hoist Locations

Soil samples collected from the former hoist locations (SB-6 and HA-3) did not indicate the presence of petroleum hydrocarbons or PCB's above the laboratory detection limit. Metals including chromium, lead, nickel and zinc were detected in the soil sample collected from SB-6.

Please refer to Tables 7 and 8 in Appendix B for soil and groundwater analytical results from SB-6 and HA-3.

4.4 Former Gasoline Service Station

4.4.1 Geophysical Survey

The geophysical survey indicated a large subsurface debris pile in the footprint of the former gasoline service station. The subsurface debris was indicated as being consistent with a structure foundation. The survey did not indicate the presence of buried metallic objects such as hoists or UST's within the survey area. Please refer to the report prepared by NorCal Geophysical dated December 10, 2010 that is included in Appendix E.

4.4.2 Soil Boring Advancement

Soil and groundwater samples collected from soil boring SB-5 located in the expected downgradient location of the gasoline service station did not indicate the presence of petroleum hydrocarbons or VOCs above laboratory detection limits. The metals chromium, lead, nickel and zinc were detected in the soil and groundwater samples collected from SB-5

Please refer to Tables 9 through 13 in Appendix B or soil and groundwater analytical results from SB-5.

4.5 Surface Soil Sampling

Surface soil samples collected on the east side of the main shop indicated DRO and HRO at concentrations of 575 and 1,030 milligrams per kilograms (mg/kg), respectively in hand auger boring HA-1 and 11,700 and 17,900 mg/kg respectively, in hand auger boring HA-2. Please note that the laboratory flagged the DRO detections as having heavier hydrocarbons contributing to the diesel range quantitation.

The deeper soil samples collected from the hand auger borings at depth intervals of 16 to 20 inches BGS in hand auger boring HA-1 and 18 to 24 inches BGS in hand auger boring HA-2 were non detect for both DRO and HRO.

Several VOCs were detected in the soil sample collected from the ground surface in hand auger boring HA-2 including the butylbenzene, sec-Butylbenzene, ethylbenzene, isopropyltoluene, naphthalene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, m,p-xylenes and o-xylenes. These VOC detections ranged in concentration from p-isopropyltoleune at 18.5 micrograms per kilogram (ug/kg) to 1,3,5-trimethylbenzene at 472 ug/kg. No other VOCs were detected in the HA-1 and HA-2 soil samples.

Metals including cadmium, chromium, lead, nickel and zinc were detected in all the soil samples collected from these hand auger boring samples with the exception that cadmium was not detected in both the deeper soil samples. The concentrations of lead in these samples was significantly elevated.

Please refer to Tables 14 through 16 in Appendix B for analytical results from HA-1 and HA-2.

Copies of the all of the corresponding Certified Analytical Reports (CARs) and chain-of-custody records are enclosed in Appendix D.

5.0 CONCLUSIONS

Based on results from the soil and groundwater grab samples collected during this investigation, EBA presents the following conclusions:

- Based on soil and groundwater data collected from soil borings SB-1 through SB-4, there appears to be no impacts to soil or groundwater from the historic uses of the autobody/alignment building.

- Based on soil data collected from soil borings SB-6 and HA-3, there appears to be no impacts from the former hydraulic hoists located in the main shop building and the alignment shop.

- Based on the findings from the geophysical survey it appears that subsurface debris and remnants of the former gasoline service station are present on the southwest side of the project site property. The geophysical survey did not indicate the presence of buried metallic objects such as hydraulic hoists or USTs.

- Soil and groundwater samples collected from soil boring SB-5 in the area of the former gasoline service station did not indicate the presence of petroleum hydrocarbons or volatile organic compounds.

- Soil data collected from the area located between the main shop and the former school structure indicated shallow surface impacts from middle to heavy range petroleum hydrocarbons in the diesel and motor oil weight range. In addition, significant concentrations of lead were detected in the surface soil samples in this area of the project site. The concentrations of these compounds exceed regulatory limits as defined by the

Environmental Screening Levels as published by the San Francisco Bay Regional Water Quality Control Board. Deeper soil samples collected from this area indicated significantly lower to non-detectable levels of these compounds.

6.0 RECOMMENDATIONS

Based on soil and groundwater data collected during this investigation, EBA recommends the following:

- Remove petroleum hydrocarbon and lead impacted soil from the area between the main shop building and the historic school building.

- No additional investigation is warranted regarding the former gasoline services station, former hydraulic hoists or historic uses of the autobody/alignment building.

7.0 LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental geological practice at the place and time this investigation was performed. This warranty is in lieu of all other warranties, either expressed or implied. This investigation was conducted solely for the purpose of evaluating environmental conditions of first-encountered groundwater with respect to environmental conditions previously identified at the site. No soil engineering or geotechnical references are implied or should be inferred. Evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. Additional work, including further subsurface investigation, can reduce the inherent uncertainties associated with this type of investigation. This report has been prepared solely for the Client and any reliance on this report by third parties shall be at such party's sole risk.

8.0 REFERENCES

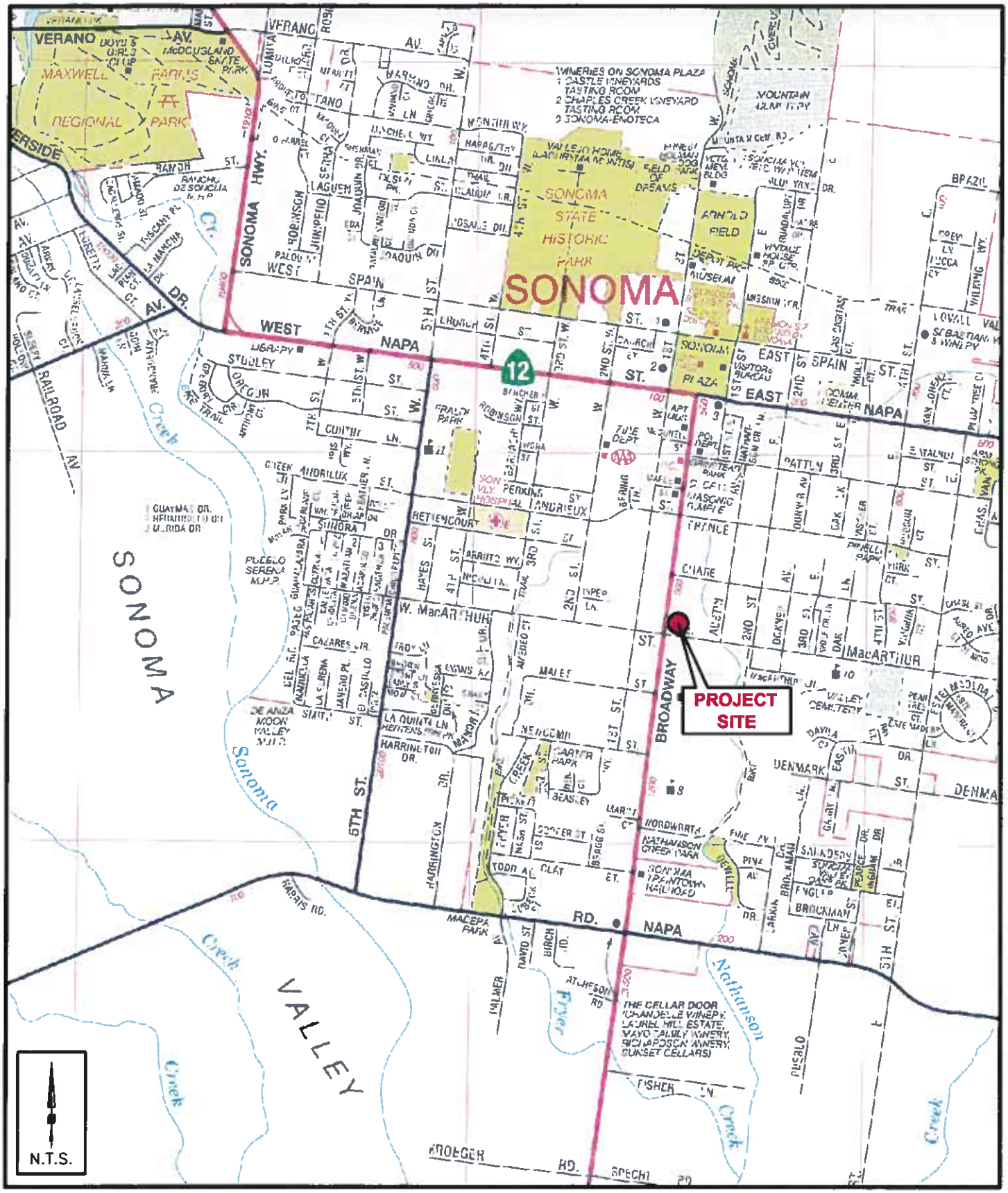
California Department of Water Resources, *Evaluation of Groundwater Resources: Sonoma County*, December 1992.

EBA Engineering, 2010a. *Phase I Environmental Site Assessment, 870 Broadway, Sonoma, California.* July 2010.

EBA Engineering, 2010b; *Cost Estimate for Environmental Services, 870 Broadway, Sonoma, California.* September 11, 2010.

APPENDIX A

FIGURES



LOCATION MAP

870 BROADWAY
SONOMA, CALIFORNIA

FIGURE
1

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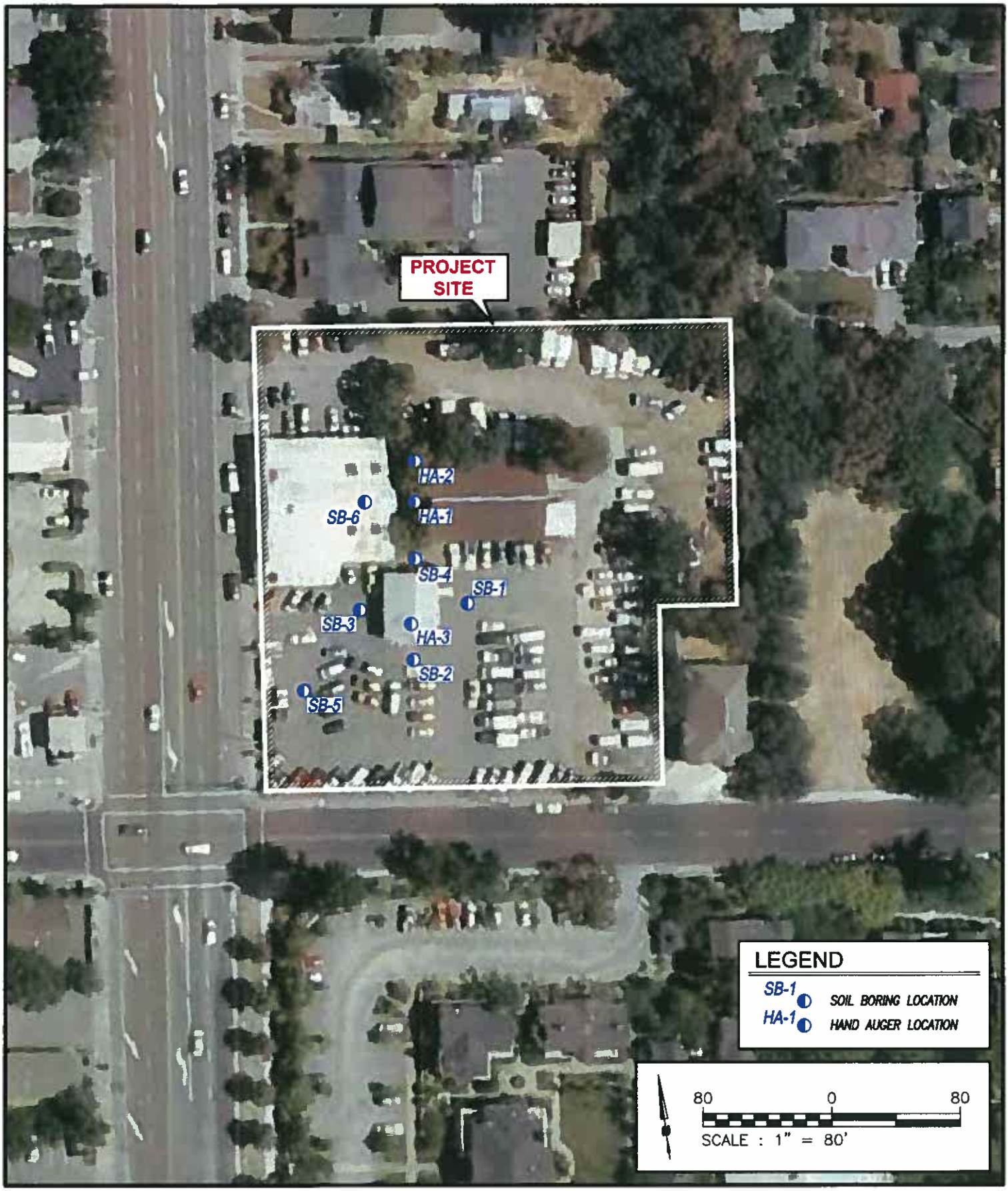

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SOIL BORING AND HAND AUGER LOCATIONS

870 BROADWAY
SONOMA, CALIFORNIA

FIGURE 2

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APPENDIX B

TABLES

TABLE 1

AUTOBODY/ALIGNMENT BUILDING
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	GRO (mg/L)	DRO (mg/L)	HRO (mg/L)
SB-1-W	11/1/2010	<0.050	<0.050	<0.050
SB-2-W	11/1/2010	<0.050	<0.050	<0.050
SB-3-W	11/1/2010	<0.050	<0.050	<0.050
SB-4-W	11/1/2010	<0.050	<0.050	<0.050

GRO =gasoline range organics analyzed by EPA Method 8015B

DRO = diesel range organics analyzed by EPA Method 8015DRO

HRO =heavy range organics analyzed by EPA Method 8015DRO

mg/L = milligrams per liter

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TABLE 2
AUTOBODY/ALIGNMENT BUILDING
GRAB GROUNDWATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B
870 BROADWAY
SONOMA, CALIFORNIA

Analyte	Date	Units	SB-1-W	SB-2-W	SB-3-W	SB-4-W
Acetone	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Benzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Bromobenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Bromochloromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Bromoform	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Bromomethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
n-Butylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
sec-Butylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
tert-Butylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Carbon Tetrachloride	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Chloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Chloroform	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Chloromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
2-Chlorotoluene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
4-Chlorotoluene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Dibromochloromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dibromo-3-chloropropane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dibromoethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Dibromomethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichlorobenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,3-Dichlorobenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,4-Dichlorobenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Dichlorodifluoromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
cis-1,2-Dichloroethene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
trans-1,2-Dichloroethene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichloropropane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,3-Dichloropropane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
2,2-Dichloropropane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloropropene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Hexachlorobutadiene	11/1/2010	µg/L	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
p-Isopropyltoluene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Methyl Ethyl Ketone	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Methyl Isobutyl Ketone	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Methyl tert-butyl ether	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Methylene Chloride	11/1/2010	µg/L	<2.50	<2.50	<2.50	<2.50
Naphthalene	11/1/2010	µg/L	<1.00	<1.00	<1.00	<1.00
n-Propylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Styrene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,1,2-Tetrachloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Toluene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,3-Trichlorobenzene	11/1/2010	µg/L	<1.00	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	11/1/2010	µg/L	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Trichloroethene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Trichlorofluoromethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Trichlorotrifluoroethane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,3-Trichloropropane	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,4-Trimethylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
1,3,5-Trimethylbenzene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Vinyl Chloride	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
m,p-Xylene	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
o-Xylenes	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500
Total Xylenes	11/1/2010	µg/L	<0.500	<0.500	<0.500	<0.500

µg/L: micrograms per liter.

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TABLE 3
AUTOBODY/ALIGNMENT BUILDING
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
SB-1-W	µg/L	<1.00	**7.79**	**1.96**	**52.1**	**16.2**
SB-2-W	µg/L	<1.00	**7.58**	**9.54**	**44.7**	**15.7**
SB-3-W	µg/L	<1.00	**10.8**	**12.6**	**98.0**	**24.3**
SB-4-W	µg/L	<1.00	**10.8**	<1.00	**79.5**	**16.1**

µg/L: micrograms per liter.

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TABLE 4

AUTOBODY/ALIGNMENT BUILDING
SOIL SAMPLE ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	GRO (mg/kg)	DRO (mg/kg)	HRO (mg/kg)
SB-2@9'	11/1/2010	<1.00	<10.0	<10.0
SB-3@16'	11/1/2010	<1.00	<10.0	<10.0
SB-4@16'	11/1/2010	<1.00	<10.0	<10.0

GRO =gasoline range organics analyzed by EPA Method 8015B
DRO = diesel range organics analyzed by EPA Method 8015DRO
HRO =heavy range organics analyzed by EPA Method 8015DRO
mg/kg = milligrams per kilogram

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TABLE 5
AUTOBODY/ALIGNMENT BUILDING
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPUNDS BY EPA METHOD 8260B
870 BROADWAY
SONOMA, CALIFORNIA

Analyte	Date	Units	SB-2@9'	SB-3@16'	SB-4@16'
Acetone	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Benzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Bromobenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Bromochloromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Bromodichloromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Bromoform	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Bromomethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
n-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
sec-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
tert-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Carbon Tetrachloride	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Chlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Chloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Chloroform	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Chloromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
2-Chlorotoluene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
4-Chlorotoluene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Dibromochloromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2-Dibromo-3-chloropropane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2-Dibromoethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Dibromomethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,3-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,4-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Dichlorodifluoromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1-Dichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2-Dichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
cis-1,2-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
trans-1,2-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,3-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
2,2-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
cis-1,3-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
trans-1,3-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Ethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Hexachlorobutadiene	11/1/2010	µg/kg	<3.00	<3.00	<3.00
Isopropylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
p-Isopropyltoluene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Methyl Ethyl Ketone	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Methyl Isobutyl Ketone	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Methyl tert-butyl ether	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Methylene Chloride	11/1/2010	µg/kg	<7.50	<7.50	<7.50
Naphthalene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
n-Propylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Styrene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1,1,2-Tetrachloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1,2,2-Tetrachloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Tetrachloroethene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Toluene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2,3-Trichlorobenzene	11/1/2010	µg/kg	<3.00	<3.00	<3.00
1,2,4-Trichlorobenzene	11/1/2010	µg/kg	<3.00	<3.00	<3.00
1,1,1-Trichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,1,2-Trichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Trichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Trichlorofluoromethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Trichlorotrifluoroethane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2,3-Trichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,2,4-Trimethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
1,3,5-Trimethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Vinyl Chloride	11/1/2010	µg/kg	<1.50	<1.50	<1.50
m,p-Xylene	11/1/2010	µg/kg	<1.50	<1.50	<1.50
o-Xylenes	11/1/2010	µg/kg	<1.50	<1.50	<1.50
Total Xylenes	11/1/2010	µg/kg	<1.50	<1.50	<1.50

µg/kg: micrograms per kilogram.

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TABLE 6

AUTOBODY/ALIGNMENT BUILDING
SOIL SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
SB-2@9'	mg/kg	<2.50	**214**	**3.01**	**90.9**	**30.3**
SB-3@16'	mg/kg	<2.50	**49.2**	**4.99**	**72.3**	**29.2**
SB-4@16'	mg/kg	<2.50	**24.8**	**3.59**	**18.2**	**14.4**

mg/kg = milligrams per kilogram

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TABLE 7

FORMER HYDRAULIC HOIST LOCATIONS
SOIL SAMPLE ANALYTICAL RESULTS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	DRO (mg/kg)	HRO (mg/kg)	PCBs (ug/kg)	BTEX (ug/kg)
SB-6@10'	11/1/2010	<10.0	<10.0	<100	<1.50
HA-3 @7'	11/22/2010	<10.0	NA	NA	<1.50

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

DRO = diesel range organics analyzed by EPA Method 8015DRO

HRO =heavy range organics analyzed by EPA Method 8015DRO

PCBs = polychlorinated biphenyls by EPA Method 3550/8082

BTEX = benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260B.

NA = not analyzed

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TABLE 8

FORMER HYDRAULIC HOISTS
SOIL SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
SB-6@10'	mg/kg	<2.50	**32.2**	**7.17**	**55.8**	**30.2**

mg/kg = milligrams per kilogram

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TABLE 9

FORMER GASOLINE SERVICE STATION
GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	GRO (mg/L)	DRO (mg/L)	HRO (mg/L)
SB-5-W	11/1/2010	<0.050	<0.050	<0.050

GRO =gasoline range organics analyzed by EPA Method 8015B

DRO = diesel range organics analyzed by EPA Method 8015DRO

HRO =heavy range organics analyzed by EPA Method 8015DRO

mg/L = milligrams per liter

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TABLE 10

FORMER GASOLINE SERVICE STATION

GRAB GROUNDWATER ANALYTICAL RESULTS

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B

870 BROADWAY

SONOMA, CALIFORNIA

Analyte	Date	Units	SB-5-W
Acetone	11/1/2010	µg/L	<0.500
Benzene	11/1/2010	µg/L	<0.500
Bromobenzene	11/1/2010	µg/L	<0.500
Bromochloromethane	11/1/2010	µg/L	<0.500
Bromodichloromethane	11/1/2010	µg/L	<0.500
Bromoform	11/1/2010	µg/L	<0.500
Bromomethane	11/1/2010	µg/L	<0.500
n-Butylbenzene	11/1/2010	µg/L	<0.500
sec-Butylbenzene	11/1/2010	µg/L	<0.500
tert-Butylbenzene	11/1/2010	µg/L	<0.500
Carbon Tetrachloride	11/1/2010	µg/L	<0.500
Chlorobenzene	11/1/2010	µg/L	<0.500
Chloroethane	11/1/2010	µg/L	<0.500
Chloroform	11/1/2010	µg/L	<0.500
Chloromethane	11/1/2010	µg/L	<0.500
2-Chlorotoluene	11/1/2010	µg/L	<0.500
4-Chlorotoluene	11/1/2010	µg/L	<0.500
Dibromochloromethane	11/1/2010	µg/L	<0.500
1,2-Dibromo-3-chloropropane	11/1/2010	µg/L	<0.500
1,2-Dibromoethane	11/1/2010	µg/L	<0.500
Dibromomethane	11/1/2010	µg/L	<0.500
1,2-Dichlorobenzene	11/1/2010	µg/L	<0.500
1,3-Dichlorobenzene	11/1/2010	µg/L	<0.500
1,4-Dichlorobenzene	11/1/2010	µg/L	<0.500
Dichlorodifluoromethane	11/1/2010	µg/L	<0.500
1,1-Dichloroethane	11/1/2010	µg/L	<0.500
1,2-Dichloroethane	11/1/2010	µg/L	<0.500
1,1-Dichloroethene	11/1/2010	µg/L	<0.500
cis-1,2-Dichloroethene	11/1/2010	µg/L	<0.500
trans-1,2-Dichloroethene	11/1/2010	µg/L	<0.500
1,2-Dichloropropane	11/1/2010	µg/L	<0.500
1,3-Dichloropropane	11/1/2010	µg/L	<0.500
2,2-Dichloropropane	11/1/2010	µg/L	<0.500
1,1-Dichloropropene	11/1/2010	µg/L	<0.500
cis-1,3-Dichloropropene	11/1/2010	µg/L	<0.500
trans-1,3-Dichloropropene	11/1/2010	µg/L	<0.500
Ethylbenzene	11/1/2010	µg/L	<0.500
Hexachlorobutadiene	11/1/2010	µg/L	<1.00
Isopropylbenzene	11/1/2010	µg/L	<0.500
p-Isopropyltoluene	11/1/2010	µg/L	<0.500
Methyl Ethyl Ketone	11/1/2010	µg/L	<0.500
Methyl Isobutyl Ketone	11/1/2010	µg/L	<0.500
Methyl tert-butyl ethet	11/1/2010	µg/L	<0.500
Methylene Chloride	11/1/2010	µg/L	<2.50
Naphthalene	11/1/2010	µg/L	<1.00
n-Propylbenzene	11/1/2010	µg/L	<0.500
Styrene	11/1/2010	µg/L	<0.500
1,1,1,2-Tetrachloroethane	11/1/2010	µg/L	<0.500
1,1,2,2-Tetrachloroethane	11/1/2010	µg/L	<0.500
Tetrachloroethene	11/1/2010	µg/L	<0.500
Toluene	11/1/2010	µg/L	<0.500
1,2,3-Trichlorobenzene	11/1/2010	µg/L	<1.00
1,2,4-Trichlorobenzene	11/1/2010	µg/L	<1.00
1,1,1-Trichloroethane	11/1/2010	µg/L	<0.500
1,1,2-Trichloroethane	11/1/2010	µg/L	<0.500
Trichloroethene	11/1/2010	µg/L	<0.500
Trichlorofluoromethane	11/1/2010	µg/L	<0.500
Trichlorotrifluoroethane	11/1/2010	µg/L	<0.500
1,2,3-Trichloropropane	11/1/2010	µg/L	<0.500
1,2,4-Trimethylbenzene	11/1/2010	µg/L	<0.500
1,3,5-Trimethylbenzene	11/1/2010	µg/L	<0.500
Vinyl Chloride	11/1/2010	µg/L	<0.500
m,p-Xylene	11/1/2010	µg/L	<0.500
o-Xylenes	11/1/2010	µg/L	<0.500
Total Xylenes	11/1/2010	µg/L	<0.500

µg/L: micrograms per liter.

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TABLE 11

FORMER GASOLINE SERVICE STATION
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
SB-5-W	µg/L	<1.00	**27.5**	**6.43**	**89.7**	**25.0**

µg/L: micrograms per liter.

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TABLE 12

FORMER GASOLINE SERVICE STATION
SOIL SAMPLE ANALYTICAL RESULTS
GRO, DRO & HRO
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	GRO (mg/kg)	DRO (mg/kg)	HRO (mg/kg)
SB-5@16'	11/1/2010	<1.00	<10.0	<10.0

GRO =gasoline range organics analyzed by EPA Method 8015B

DRO = diesel range organics analyzed by EPA Method 8015DRO

HRO =heavy range organics analyzed by EPA Method 8015DRO

mg/kg = milligrams per kilogram

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TABLE 13
FORMER GASOLINE SERVICE STATION
SOIL SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
SB-5@16'	mg/kg	<2.50	**30.4**	**5.34**	**44.7**	**19.2**

mg/kg = milligrams per kilogram

EBA ENGINEERING

TABLE 14

HAND AUGER SOIL SAMPLE ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Date	GRO (mg/kg)	DRO (mg/kg)	HRO (mg/kg)
HA-1@ SURFACE	11/1/2010	<1.0	**575[A]**	**1,030**
HA-1@16"-20"	11/1/2010	<1.0	<10.0	<10.0
HA-2@ SURFACE	11/1/2010	**8.29**	**11,700[A]**	**17,900**
HA-2 @18"-24"	11/1/2010	<1.00	<10.0	<10.0
ESL		***83***	***83***	***2,500***

mg/kg = milligrams per kilogram

GRO= gasoline range organics analyzed by EPA Method 8015B

DRO= diesel range organics analyzed by EPA Method 8015

HRO= heavy range organics analyzed by EPA Method 8015

A = Heavier hydrocarbons contributing to diesel range quantititation

ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for shallow soil in a commercial setting.

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TABLE 15

HAND AUGER SOIL SAMPLE ANALYTICAL RESULTS

VOLATILE ORGANIC COMPUNDS BY EPA METHOD 8260B

870 BROADWAY

SONOMA, CALIFORNIA

Analyte	Date	Units	HA-1@ SURFACE	HA-1 @ 16"-20"	HA-2@ SURFACE	HA-2 @18"-24"
Acetone	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Benzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Bromobenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Bromochloromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Bromodichloromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Bromoform	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Bromomethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
n-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	122	<1.50
sec-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	21.8	<1.50
tert-Butylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Carbon Tetrachloride	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Chlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Chloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Chloroform	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Chloromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
2-Chlorotoluene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
4-Chlorotoluene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Dibromochloromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2-Dibromo-3-chloropropane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2-Dibromoethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Dibromomethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,3-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,4-Dichlorobenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Dichlorodifluoromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1-Dichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2-Dichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
cis-1,2-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
trans-1,2-Dichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,3-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
2,2-Dichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
cis-1,3-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
trans-1,3-Dichloropropene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Ethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	43.8	<1.50
Hexachlorobutadiene	11/1/2010	µg/kg	<3.00	<3.00	<15.0	<3.00
Isopropylbenzene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
p-Isopropyltoluene	11/1/2010	µg/kg	<1.50	<1.50	18.5	<1.50
Methyl Ethyl Ketone	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Methyl Isobutyl Ketone	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Methyl tert-butyl ether	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Methylene Chloride	11/1/2010	µg/kg	<7.50	<7.50	<7.50	<7.50
Naphthalene	11/1/2010	µg/kg	<3.00	<3.00	28.5	<3.00
n-Propylbenzene	11/1/2010	µg/kg	<1.50	<1.50	88.0	<1.50
Styrene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1,1,2-Tetrachloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1,2,2-Tetrachloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Tetrachloroethene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Toluene	11/1/2010	µg/kg	<1.50	<1.50	63.2	<1.50
1,2,3-Trichlorobenzene	11/1/2010	µg/kg	<3.00	<3.00	<15.0	<3.00
1,2,4-Trichlorobenzene	11/1/2010	µg/kg	<3.00	<3.00	<15.0	<3.00
1,1,1-Trichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,1,2-Trichloroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Trichloroethene	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Trichlorofluoromethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
Trichlorotrifluoroethane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2,3-Trichloropropane	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
1,2,4-Trimethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	431	<1.50
1,3,5-Trimethylbenzene	11/1/2010	µg/kg	<1.50	<1.50	472	<1.50
Vinyl Chloride	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50
m,p-Xylene	11/1/2010	µg/kg	<1.50	<1.50	249	<1.50
o-Xylenes	11/1/2010	µg/kg	<1.50	<1.50	420	<1.50
Total Xylenes	11/1/2010	µg/kg	<1.50	<1.50	<7.50	<1.50

µg/kg: micrograms per kilogram.

EBA ENGINEERING

TABLE 16

HAND AUGER SOIL SAMPLE ANALYTICAL RESULTS
CAM 5 METALS
870 BROADWAY
SONOMA, CALIFORNIA

Sample ID	Units	Cadmium	Chromium	Lead	Nickel	Zinc
HA-1@ SURFACE	mg/kg	**14.8**	**90**	**837**	**62**	**1,090**
HA-1@16"-20"	mg/kg	<2.50	**137**	**5.12**	**124**	**34**
HA-2@ SURFACE	mg/kg	**8.1**	**89**	**1,200**	**55.1**	**777**
HA-2 @18"-24"	mg/kg	<2.50	**96.5**	**7.64**	**89**	**40.1**

mg/kg = milligrams per kilogram

EBA ENGINEERING

APPENDIX C

BORING LOGS

EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-1

CLIENT Mr. William Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 22.0' BGS
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
▽ **6hrs AFTER DRILLING** 12.4' BGS

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0				0.5	**ASPHALT**			0
					SANDY CLAY WITH GRAVEL, moist, yellowish red (5YR 4/6), 20% fine to medium gravel, 20% fine to coarse sand, 60% fines, well graded, no HC odor.		0.0	
5		SC			30% fine to medium gravel, 30% fine to coarse sand, 40% fines, no HC odor		0.0	5
				8.0				
		SW		9.0	GRAVELLY SAND, moist, yellowish red (5YR 4/6), 40% fine to medium gravel, 50% fine to coarse sand, 10% fines, no HC odor			
10		SC			SILTY SAND, moist, yellowish red (5YR 4/6), 60-70% fine sand, 30-40% fines, no HC odor			10
				11.0				
					SILTY SAND WITH GRAVEL, yellowish red (5YR 4/6), 30% fine to medium gravel, 40% fine to medium sand, 30% fines, no HC odor		0.0	
					▽			
15					trace gravel, 50-60% fine to medium sand, 40-50% fines			15
		SW			moist to wet, 10-15% fine to medium gravel, 60% fine to medium sand, 25-30% fines, no HC odor		0.0	
20					▽ free water between grains			20
				24.0			0.0	
					Bottom of Borehole at 24.0 feet BGS.			

GENERAL BH / TP / WELL 1639 BROADWAY .GPJ GINT US.GDT 11/23/10

EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-2

CLIENT Mr. William Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 15.0' BGS
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
▽ **4.75hrs AFTER DRILLING** 8.9' BGS

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0					0.5	ASPHALT			0
			SM			SILTY SAND, dry to slightly moist, brown (10YR 5/3), 70% fine sand, 30% fines, no HC odor		0.0	
5					6.0				5
						SILTY SAND WITH GRAVEL, moist yellowish red (5YR 4/6), 10-15% fine to medium gravel, 60% fine to medium sand, 25-30% fines, no HC odor, well graded.		0.0	
		SB-9@9'				▽ 10-15% fine to medium gravel, 50-60% fine to medium sand, 25-40% fines		0.0	
10									10
								0.0	
								0.0	
15			SW			10% fine gravel, 60% fine to medium sand, 30% fines			15
						▽ free water between grains		0.0	
20						trace gravel, 70% fine to medium sand, 30% fines			20
								0.0	
					24.0	Bottom of Borehole at 24.0 feet BGS.			

GENERAL BH / TP / WELL 1639 BROADWAY.GPJ GINT US.GDT 11/23/10

EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-3

CLIENT Mr. Willlam Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 21.0' BGS
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
▽ **3.25hrs AFTER DRILLING** 13.8' BGS

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0					0.5	**ASPHALT**			0
						SILTY SAND, moist, yellowish red (5YR 4/6), 60-70% fine sand, 30-40% fines, free water betwwen grains from surface infiltration?		0.0	
5									5
						dry to slightly moist, 60% fine sand, 40% fines		0.0	
10						increase in grain size, free water in coarser lenses			10
								0.0	
			SM			▽			
15		SB-3@16'							15
20						gravel lense			20
						▽ 70% fine to medium fine sand, 30% fines		0.0	
25					26.0				25
						Bottom of Borehole at 26.0 feet BGS.			

GENERAL BH / TP / WELL 1639 BROADWAY .GPJ GINT US.GDT 11/23/10

EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-4

CLIENT Mr. Willlam Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
AT TIME OF DRILLING 16.5' BGS
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
2hrs AFTER DRILLING 11.2' BGS

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0					0.5	ASPHALT			0
			SM			SILTY SAND WITH GRAVEL, dry to slightly moist, yellowish red (5YR 4/6), 10-20% fine to medium gravel, 60% fine to medium sand, 20-30% fines, no HC odor		0.0	
					4.0				
5						SILTY SAND, moist, yellowish red (5YR 4/6), 70-80% fine sand, 20-30% fines, no HC odor		0.0	5
10						gravel lense			10
						70-80% fine to medium sand, 20-30% fines, no HC odor		0.0	
						▽			
			SM			hard drilling			
						trace fine gravels, 80% fine to medium sand, 20% fines			
15									15
		SB-4@16'				▽ free water between grains		0.0	
						gravel lense			
20									20
					22.0				
			CL			SANDY CLAY, dry, yellowish red (5YR 4/6), 10-20% fine sand, 80-90% fines, medium plasticity, no HC odor		0.0	
					24.0				
25			SM			SILTY SAND, moist to wet, yellowish red (5YR 4/6), 60% fine sand, 40% fines			25
					26.0				
						Bottom of Borehole at 26.0 feet BGS.			

GENERAL BH / TP / WELL 1639 BROADWAY .GPJ GINT US.GDT 11/23/10

EBA ENGINEERING
EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-5

CLIENT Mr. William Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 8.0' BGS
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
▼ 1hrs **AFTER DRILLING** 6.0' BGS

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0					0.5	ASPHALT			0
						SILTY SAND WITH GRAVEL, moist, yellowish red (5YR 4/6), 10% fine to medium gravel, 70% fine to coarse sand, 20% fines, no HC odor		0.0	
5						▼			5
			SM			▽ free water between grains		0.0	
10						trace gravel, 50-60% sand, 40-50% fines			10
15		SB-5@16'			16.0	SANDY CLAY, moist, yellowish red (5YR 4/6), 20% fine sand, 80% fines, medium plasticity, no HC odor			15
						sandy lense with trace fine gravel		0.0	
20			CL						20
						30-40% fine sand, 60-70% fines		0.0	
					24.0	Bottom of Borehole at 24.0 feet BGS.			

EBA ENGINEERING
EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404
Telephone: 707-544-0784
Fax: 707-544-0866

BORING NUMBER SB-6

CLIENT Mr. William Shea
PROJECT NAME 870 Broadway
PROJECT NUMBER 10-1639
PROJECT LOCATION 870 Broadway Street, Sonoma, CA
DATE STARTED 11/1/10 **COMPLETED** 11/1/10
GROUND ELEVATION --- **CASING ELEVATION** ---
DRILLING CONTRACTOR RSI Drilling
GROUND WATER LEVELS: **HOLE SIZE** 2 inches
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY C. Jenkins (EBA) **CHECKED BY** D. Noren (EBA)
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	CONTACT DEPTH	MATERIAL DESCRIPTION	CONTACT ELEVATION	PID (ppm)	DEPTH (ft)
0					0.5	CONCRETE			0
						SANDY CLAY, damp to moist, yellowish red (5YR 4/6), 30% fine sand, 70% fines, medium plasticity, no HC odor		0.0	
5			CL						5
						increasing sand to 40-50%		0.0	
10		SB-6@10'				organics		0.0	10
					12.0	Bottom of Borehole at 12.0 feet BGS.			

APPENDIX D

CERTIFIED ANALYTICAL REPORTS

RECD DEC - 7 2010

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 11/23/2010

TO: MR. DAVID NOREN
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com
dnoren@ebagroup.com

ACCT: 9986
PROJ: 10-1645

FROM: Richard A. Kagel, Ph.D.
Laboratory Director RAK/M 11/23/2010

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 10-1645

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SB-1@10	SOIL	11/16/10	10:00	86933
SB-2@6	SOIL	11/16/10	11:15	86934
SB-2@11	SOIL	11/16/10	11:30	86935
SB-3@5.5	SOIL	11/16/10	13:45	86936
SB-3@10	SOIL	11/16/10	14:00	86937
SB-4@11	SOIL	11/16/10	14:50	86938
SB-5@7.5	SOIL	11/16/10	16:00	86939

The above listed sample group was received on 11/17/10 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-1@10
LAB NO: 86933
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 10:00

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/18/2010
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	15.0	ND
TOLUENE	108-88-3	15.0	ND
ETHYLBENZENE	100-41-4	15.0	ND
XYLENE (M+P)	1330-20-7	15.0	ND
XYLENE (O)	1330-20-7	15.0	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	103
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-2@6
LAB NO: 86934
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 11:15

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/18/2010
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.37	ND
TOLUENE	108-88-3	1.37	ND
ETHYLBENZENE	100-41-4	1.37	ND
XYLENE (M+P)	1330-20-7	1.37	ND
XYLENE (O)	1330-20-7	1.37	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	94
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-2@11
LAB NO: 86935
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 11:30

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

BATCH #: 111710S1
DATE ANALYZED: 11/18/2010
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.48	ND
TOLUENE	108-88-3	1.48	ND
ETHYLBENZENE	100-41-4	1.48	ND
XYLENE (M+P)	1330-20-7	1.48	ND
XYLENE (O)	1330-20-7	1.48	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	102
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-3@5.5
LAB NO: 86936
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 13:45

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS
DATE ANALYZED: 11/18/2010
REFERENCE: EPA 5035/8260
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.53	ND
TOLUENE	108-88-3	1.53	ND
ETHYLBENZENE	100-41-4	1.53	ND
XYLENE (M+P)	1330-20-7	1.53	ND
XYLENE (O)	1330-20-7	1.53	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	102
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: dw
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-3@10
LAB NO: 86937
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 14:00

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS
DATE ANALYZED: 11/18/2010
REFERENCE: EPA 5035/8260
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.16	ND
TOLUENE	108-88-3	1.16	ND
ETHYLBENZENE	100-41-4	1.16	ND
XYLENE (M+P)	1330-20-7	1.16	ND
XYLENE (O)	1330-20-7	1.16	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	108
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	100

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-4@11
LAB NO: 86938
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 14:50

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/18/2010
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.57	ND
TOLUENE	108-88-3	1.57	ND
ETHYLBENZENE	100-41-4	1.57	ND
XYLENE (M+P)	1330-20-7	1.57	ND
XYLENE (O)	1330-20-7	1.57	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	110
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-5@7.5
LAB NO: 86939
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 16:00

BATCH #: 111710S1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/18/2010
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.33	ND
TOLUENE	108-88-3	1.33	ND
ETHYLBENZENE	100-41-4	1.33	ND
XYLENE (M+P)	1330-20-7	1.33	ND
XYLENE (O)	1330-20-7	1.33	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	99
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: ch
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

METHOD: DRO **SAMPLE TYPE:** SOIL
REFERENCE: EPA 8015B **UNITS:** mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-1@10	86933	11/16/10	111710S1	11/17/10	11/17/10	10.0	287	
SB-2@6	86934	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	
SB-2@11	86935	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	
SB-3@5.5	86936	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	
SB-3@10	86937	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	
SB-4@11	86938	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	
SB-5@7.5	86939	11/16/10	111710S1	11/17/10	11/17/10	10.0	ND	

NOTES:

DRO	Diesel Range Organics (C12-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical pattern for diesel
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.

LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111710S1

BATCH #: 111710S1
DATE ANALYZED: 11/17/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.50	ND
TOLUENE	108-88-3	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	97
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B111710S1
SPIKE ID: L111710S1
DUPLICATE ID: D111710S1
BATCH #: 111710S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	30.3	101	60-140
BENZENE	30.0	ND	29.6	99	60-140
TRICHLOROETHENE	30.0	ND	27.1	90	60-140
TOLUENE	30.0	ND	27.7	92	60-140
CHLOROBENZENE	30.0	ND	28.9	96	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	30.3	28.9	4.8	±20
BENZENE	1.50	29.6	28.4	4.1	±20
TRICHLOROETHENE	1.50	27.1	25.9	4.4	±20
TOLUENE	1.50	27.7	27.0	2.7	±20
CHLOROBENZENE	1.50	28.9	28.2	2.3	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 111710S1
DATE EXTRACTED: 11/17/2010
DATE ANALYZED: 11/17/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B111710S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L111710S1
DUPLICATE ID: D111710S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	409	82	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	409	415	1.5	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID	Address/Phone	KPI Project No.
EBA Engineering	825 Sonoma Ave, Santa Rosa, CA (707) 544-0784	
Project Location	**Client Project No.**	
10-1645 Calistoga, CA	10-1645	
Contact	**Sampler (Signature)**	
David Noren	Charles Jenkins	

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	DRO	BTEX						Expected Turnaround Time	Remarks
SB-1@10	11/16/10	10:00	86933	Soil	4	X	X						8hr	EDF
SB-2@6		11:15	86934											
SB-2@11		11:30	86935											
SB-3@5.5		13:45	86936											
SB-3@10		14:00	86937											
SB-4@11		14:50	86938											
SB-5@7.5		16:00	86939											

Relinquished by: (Signature) David Noren	Received by: (Signature) Tom Haworth	Date 11-17-10	Time 10:29
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Disposal Method

Disposed by: (Signature)	Date	Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

RECD DEC - 7 2010

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 11/24/2010

TO: MR. DAVID NOREN
E8A ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com
dnoren@ebagroup.com

ACCT: 9986
PROJ: 10-1645

FROM: Richard A. Kagel, Ph.D.
Laboratory Director RAK 11/24/2010

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 10-1645

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
S8-1-W	WATER	11/16/10	12:25	86940
S8-2-W	WATER	11/16/10	12:00	86941
S8-3-W	WATER	11/16/10	16:30	86942
S8-4-W	WATER	11/16/10	17:00	86943
S8-5-W	WATER	11/16/10	16:45	86944

The above listed sample group was received on 11/17/10 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-1-W
LAB NO: 86940
SAMPLE TYPE: WATER
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 12:25

BATCH #: 111710W1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/18/2010
REFERENCE: EPA 5030/8260 **UNITS:** ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	5.00	ND
TOLUENE	108-88-3	5.00	ND
ETHYLBENZENE	100-41-4	5.00	ND
XYLENE (M+P)	1330-20-7	5.00	ND
XYLENE (O)	1330-20-7	5.00	5.72

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	102
TOLUENE-D8	99
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-2-W
LAB NO: 86941
SAMPLE TYPE: WATER
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 12:00

BATCH #: 111710W1
DATE ANALYZED: 11/18/2010
UNITS: ug/L

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	0.500	ND
TOLUENE	108-88-3	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	95
TOLUENE-D8	99
4-BROMOFLUOROBENZENE	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: [signature]
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-3-W
LAB NO: 86942
SAMPLE TYPE: WATER
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 16:30

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

BATCH #: 111710W1
DATE ANALYZED: 11/17/2010
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	0.500	ND
TOLUENE	108-88-3	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	101
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	99

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-4-W
LAB NO: 86943
SAMPLE TYPE: WATER
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 17:00

BATCH #: 111710W1
DATE ANALYZED: 11/17/2010
UNITS: ug/L

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	0.500	ND
TOLUENE	108-88-3	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	104
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

SAMPLE ID: SB-5-W
LAB NO: 86944
SAMPLE TYPE: WATER
DATE SAMPLED: 11/16/2010
TIME SAMPLED: 16:45

BATCH #: 111710W1
DATE ANALYZED: 11/18/2010
UNITS: ug/L

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	0.500	ND
TOLUENE	108-88-3	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	98
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: [signature]
DATE: 11/23/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1645

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-1-W	86940	11/16/10	112210W01	11/22/10	11/23/10	0.050	652	
SB-2-W	86941	11/16/10	112210W01	11/22/10	11/23/10	0.050	3.39	
SB-3-W	86942	11/16/10	112210W01	11/22/10	11/23/10	0.050	ND	
SB-4-W	86943	11/16/10	112210W01	11/22/10	11/23/10	0.050	ND	
SB-5-W	86944	11/16/10	112210W01	11/22/10	11/23/10	0.050	ND	

NOTES:

DRO	Diesel Range Organics (C12-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical pattern for diesel
AM	Hydrocarbon response is in the C12-C22 range
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/24/2010

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B111710W1
SAMPLE TYPE: WATER

BATCH #: 111710W1
METHOD: VOLATILE ORGANIC COMPOUNDS
DATE ANALYZED: 11/17/2010
REFERENCE: EPA 5030/8260
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	0.500	ND
TOLUENE	108-88-3	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	96
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE ID: B111710W1
SPIKE ID: L111710W1
DUPLICATE ID: D111710W1
BATCH #: 111710W1
SAMPLE TYPE: WATER
UNITS: µg/L

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	10.0	ND	10.0	100	60-140
BENZENE	10.0	ND	9.54	95	60-140
TRICHLOROETHENE	10.0	ND	8.97	90	60-140
TOLUENE	10.0	ND	9.13	91	60-140
CHLOROBENZENE	10.0	ND	9.23	92	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	0.500	10.0	10.1	0.4	±20
BENZENE	0.500	9.54	9.40	1.5	±20
TRICHLOROETHENE	0.500	8.97	8.72	2.8	±20
TOLUENE	0.500	9.13	9.06	0.8	±20
CHLOROBENZENE	0.500	9.23	9.36	1.4	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 112210W01
DATE EXTRACTED: 11/22/2010
DATE ANALYZED: 11/23/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

METHOD BLANK ID: B112210W01

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	0.050	ND

SAMPLE ID: L112210W01
DUPLICATE ID: D112210W01

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	2.50	ND	2.08	83	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	0.050	2.08	1.82	13	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID	Address/Phone	KPI Project No.
EBA Engineering	825 Sonoma Ave, Santa Rosa, CA (707) 544-0784	
Project Location	**Client Project No.**	
10-1645 Calistoga, CA	10-1645	
Contact	**Sampler (Signature)**	
David Noren		

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	DRO	BTEX						Expected Turnaround Time	Remarks
						ANALYSES								
SB-1-W	11/16/10	12:25	86940	Water	5	X	X						3d	EDF
SB-2-W	"	12:00	86941	"	"	"	"						"	
SB-3-W	"	16:30	86942	"	"	"	"						"	
SB-4-W	"	17:00	86943	"	"	"	"						"	
SB-5-W	"	16:45	86944	"	"	"	"						"	

Relinquished by: (Signature) David Noren	Received by: (Signature) Ramil Navarro	Date 11-17-10	Time 10:29
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Disposal Method		
Disposed by: (Signature)	Date	Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

RECD DEC 1 3 2010

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 11/16/2010

TO: MR. DAVID NOREN
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataebal@ebagroup.com
dnoren@ebagroup.com

ACCT: 9986
PROJ: 10-1639

FROM: Richard A. Kagel, Ph.D.
Laboratory Director RAK/MW 11/16/2010

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 10-1639

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
S8-1-W	WATER	11/01/10	12:52	86622
S8-2@9'	SOIL	11/01/10	10:35	86623
S8-2-W	WATER	11/01/10	14:50	86624
S8-3@16'	SOIL	11/01/10	12:50	86625
S8-3-W	WATER	11/01/10	15:10	86626
S8-4@16'	SOIL	11/01/10	13:40	86627
S8-4-W	WATER	11/01/10	14:28	86628
S8-5@16'	SOIL	11/01/10	15:00	86629
S8-5-W	WATER	11/01/10	16:10	86630
S8-6@10'	SOIL	11/01/10	15:45	86631

The above listed sample group was received on 11/02/10 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC	GRO PATTERN
SB-1-W	86622	11/1/2010	12:52	110210W1	11/2/2010	0.050	ND	
SB-2-W	86624	11/1/2010	14:50	110210W1	11/2/2010	0.050	ND	
SB-3-W	86626	11/1/2010	15:10	110210W1	11/2/2010	0.050	ND	
SB-4-W	86628	11/1/2010	14:28	110210W1	11/2/2010	0.050	ND	
SB-5-W	86630	11/1/2010	16:10	110210W1	11/2/2010	0.050	ND	

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT
AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK
AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS
AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE
CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: [signature]
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: GRO-GASOLINE RANGE ORGANICS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 8015B **UNITS:** mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC	GRO PATTERN
SB-2@9'	86623	11/1/2010	10:35	110210S1	11/2/2010	1.00	ND	
SB-3@16'	86625	11/1/2010	12:50	110210S1	11/2/2010	1.00	ND	
SB-4@16'	86627	11/1/2010	13:40	110210S1	11/2/2010	1.00	ND	
SB-5@16'	86629	11/1/2010	15:00	110210S1	11/2/2010	1.00	ND	

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT
AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK
AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS
AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE
CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: _____
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-1-W
LAB NO: 86622
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:52
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-1-W
LAB NO: 86622
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:52
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	112
TOLUENE-D8	103
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: [signature]
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-2-W
LAB NO: 86624
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 14:50
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-2-W
LAB NO: 86624
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 14:50
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	118
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CH
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-3-W
LAB NO: 86626
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 15:10
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-3-W
LAB NO: 86626
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 15:10
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	115
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	98

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: MH
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-4-W
LAB NO: 86628
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 14:28
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-4-W
LAB NO: 86628
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 14:28
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	114
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: [signature]
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-5-W
LAB NO: 86630
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 16:10
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-5-W
LAB NO: 86630
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 16:10
BATCH #: 111010W1
DATE ANALYZED: 11/5/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	116
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: MH
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-2@9'
LAB NO: 86623
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 10:35
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-2@9'
LAB NO: 86623
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 10:35
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	97
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-3@16'
LAB NO: 86625
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:50
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-3@16'
LAB NO: 86625
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:50
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	100
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: (Ch)
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-4@16'
LAB NO: 86627
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 13:40
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA **5035/8260**

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-4@16'
LAB NO: 86627
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 13:40
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	95
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: VCh
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

SAMPLE ID: SB-5@16'
LAB NO: 86629
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 15:00
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-5@16'
LAB NO: 86629
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 15:00
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	98
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	94

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CH
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

SAMPLE ID: SB-6@10'
LAB NO: 86631
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 15:45

BATCH #: 111110S1
METHOD: VOLATILE ORGANIC COMPOUNDS **DATE ANALYZED:** 11/9/2010
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.50	ND
TOLUENE	108-88-3	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	99
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: VCh
DATE: 11/15/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-1-W	86622	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-2-W	86624	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-3-W	86626	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-4-W	86628	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-5-W	86630	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	

NOTES:

DRO	Diesel Range Organics (C12-C23) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical Pattern for Diesel
AM	Hydrocarbon response is in the C12-C22 range
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: HRO **SAMPLE TYPE:** WATER
REFERENCE: EPA 8015B **UNITS:** mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
SB-1-W	86622	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-2-W	86624	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-3-W	86626	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-4-W	86628	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	
SB-5-W	86630	11/01/10	102810W01	11/03/10	11/03/10	0.050	ND	

NOTES:

HRO	Heavy Range Organics (C24-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: VCW
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: DRO **SAMPLE TYPE:** SOIL
REFERENCE: EPA 8015B **UNITS:** mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-2@9'	86623	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-3@16'	86625	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-4@16'	86627	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-5@16'	86629	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-6@10'	86631	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	

NOTES:

DRO	Diesel Range Organics (C12-C23) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical Pattern for Diesel
AM	Hydrocarbon response is in the C12-C22 range
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: HRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
SB-2@9'	86623	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-3@16'	86625	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-4@16'	86627	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-5@16'	86629	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
SB-6@10'	86631	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	

NOTES:

HRO	Heavy Range Organics (C24-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

SAMPLE ID: SB-6@10'
LAB NO: 86631
DATE SAMPLED: 11/01/10
TIME SAMPLED: 15:45
BATCH #: 110810S01
DATE EXTRACTED: 11/8/2010
DATE ANALYZED: 11/16/2010

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	100	ND
AROCLOR 1221	11104-28-2	100	ND
AROCLOR 1232	11141-16-5	100	ND
AROCLOR 1242	53469-21-9	100	ND
AROCLOR 1248	12672-29-6	100	ND
AROCLOR 1254	11097-69-1	100	ND
AROCLOR 1260	11096-82-5	100	ND

SURROGATE RECOVERY	%
TCMX	104
DCBP	60

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 11/16/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: SB-1-W
LAB NO: 86622
DATE SAMPLED: 11/01/10
TIME SAMPLED: 12:52
BATCH ID: 101104W01

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/08/10	1.00	ND
CHROMIUM	Cr	11/08/10	1.00	7.79
LEAD	Pb	11/08/10	1.00	1.96
NICKEL	Ni	11/08/10	1.00	52.1
ZINC	Zn	11/08/10	1.00	16.2

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: Ch
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: SB-2-W
LAB NO: 86624
DATE SAMPLED: 11/01/10
TIME SAMPLED: 14:50
BATCH ID: 101104W01

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/08/10	1.00	ND
CHROMIUM	Cr	11/08/10	1.00	7.58
LEAD	Pb	11/08/10	1.00	9.54
NICKEL	Ni	11/08/10	1.00	44.7
ZINC	Zn	11/08/10	1.00	15.7

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: [signature]
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: SB-3-W
LAB NO: 86626
DATE SAMPLED: 11/01/10
TIME SAMPLED: 15:10
BATCH ID: 101104W01

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/08/10	1.00	ND
CHROMIUM	Cr	11/08/10	1.00	10.8
LEAD	Pb	11/08/10	1.00	12.6
NICKEL	Ni	11/08/10	1.00	98.0
ZINC	Zn	11/08/10	1.00	24.3

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: VCh
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: SB-4-W
LAB NO: 86628
DATE SAMPLED: 11/01/10
TIME SAMPLED: 14:28
BATCH ID: 101104W01

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/08/10	1.00	ND
CHROMIUM	Cr	11/08/10	1.00	10.8
LEAD	Pb	11/08/10	1.00	ND
NICKEL	Ni	11/08/10	1.00	79.5
ZINC	Zn	11/08/10	1.00	16.1

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: [signature]
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: SB-5-W
LAB NO: 86630
DATE SAMPLED: 11/01/10
TIME SAMPLED: 16:10
BATCH ID: 101104W01

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/08/10	1.00	ND
CHROMIUM	Cr	11/08/10	1.00	27.5
LEAD	Pb	11/08/10	1.00	6.43
NICKEL	Ni	11/08/10	1.00	89.7
ZINC	Zn	11/08/10	1.00	25.0

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: [signature]
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: SB-2@9'
LAB NO: 86623
DATE SAMPLED: 11/01/10
TIME SAMPLED: 10:35
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	214
LEAD	Pb	11/04/10	2.50	3.01
NICKEL	Ni	11/04/10	2.50	90.9
ZINC	Zn	11/04/10	2.50	30.3

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: [signature]
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: SB-3@16'
LAB NO: 86625
DATE SAMPLED: 11/01/10
TIME SAMPLED: 12:50
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	49.2
LEAD	Pb	11/04/10	2.50	4.99
NICKEL	Ni	11/04/10	2.50	72.3
ZINC	Zn	11/04/10	2.50	29.2

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: VCh
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: SB-4@16'
LAB NO: 86627
DATE SAMPLED: 11/01/10
TIME SAMPLED: 13:40
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	24.8
LEAD	Pb	11/04/10	2.50	3.59
NICKEL	Ni	11/04/10	2.50	18.2
ZINC	Zn	11/04/10	2.50	14.4

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: VCh
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: SB-5@16'
LAB NO: 86629
DATE SAMPLED: 11/01/10
TIME SAMPLED: 15:00
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	30.4
LEAD	Pb	11/04/10	2.50	5.34
NICKEL	Ni	11/04/10	2.50	44.7
ZINC	Zn	11/04/10	2.50	19.2

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CH
DATE: 11/08/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: SB-6@10'
LAB NO: 86631
DATE SAMPLED: 11/01/10
TIME SAMPLED: 15:45
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	32.2
LEAD	Pb	11/04/10	2.50	7.17
NICKEL	Ni	11/04/10	2.50	55.8
ZINC	Zn	11/04/10	2.50	30.2

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CW
DATE: 11/08/2010

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

METHOD BLANK ID: B110210W1
SAMPLE TYPE: WATER

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

BATCH #: 110210W1
DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

UNITS: mg/L

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	0.050	ND

SAMPLE ID: L110210W1
DUPLICATE ID: D110210W1
BATCH #: 110210W1
SAMPLE TYPE: WATER
UNITS: mg/L

DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	0.250	ND	0.272	109	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	0.050	0.272	0.242	11.7	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

METHOD BLANK ID: B110210S1
SAMPLE TYPE: SOIL

BATCH #: 110210S1
DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

UNITS: mg/kg

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	1.00	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L110210S1
DUPLICATE ID: D110210S1
BATCH #: 110210S1
SAMPLE TYPE: SOIL
UNITS: mg/kg

DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	5.00	ND	4.70	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	1.00	4.70	4.46	5.1	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.

LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111010W1

BATCH #: 111010W1
DATE ANALYZED: 11/10/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** WATER
REFERENCE: EPA 5030/8260 **UNITS:** ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND

K PRIME, INC.
LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111010W1

BATCH #: 111010W1
DATE ANALYZED: 11/10/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** WATER
REFERENCE: EPA 5030/8260 **UNITS:** ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	96
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	94

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE ID: B111010W1
SPIKE ID: L111010W1
DUPLICATE ID: D111010W1
BATCH #: 111010W1
SAMPLE TYPE: WATER
UNITS: µg/L

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	10.0	ND	8.61	86	60-140
BENZENE	10.0	ND	9.08	91	60-140
TRICHLOROETHENE	10.0	ND	8.31	83	60-140
TOLUENE	10.0	ND	9.10	91	60-140
CHLOROBENZENE	10.0	ND	9.23	92	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	0.500	8.61	8.96	4.0	±20
BENZENE	0.500	9.08	9.40	3.5	±20
TRICHLOROETHENE	0.500	8.31	8.71	4.7	±20
TOLUENE	0.500	9.10	9.72	6.6	±20
CHLOROBENZENE	0.500	9.23	9.54	3.3	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111110S1

BATCH #: 111110S1
DATE ANALYZED: 11/11/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.

LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111110S1

BATCH #: 111110S1
DATE ANALYZED: 11/11/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	96
TOLUENE-D8	98
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B111110S1
SPIKE ID: L111110S1
DUPLICATE ID: D111110S1
BATCH #: 111110S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	27.9	93	60-140
BENZENE	30.0	ND	29.6	99	60-140
TRICHLOROETHENE	30.0	ND	27.5	92	60-140
TOLUENE	30.0	ND	31.1	104	60-140
CHLOROBENZENE	30.0	ND	30.4	101	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	27.9	27.3	2.1	±20
BENZENE	1.50	29.6	29.0	2.3	±20
TRICHLOROETHENE	1.50	27.5	25.9	5.8	±20
TOLUENE	1.50	31.1	30.0	3.5	±20
CHLOROBENZENE	1.50	30.4	29.6	2.5	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 102810W01
DATE EXTRACTED: 10/28/2010
DATE ANALYZED: 10/28/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

METHOD BLANK ID: B102810W01

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	0.050	ND

SAMPLE ID: L102810W01
DUPLICATE ID: D102810W01

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	2.50	ND	2.21	88	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	0.050	2.21	2.38	7.4	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 110210S1
DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B110210S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L110210S1
DUPLICATE ID: D110210S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	472	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	472	482	2.1	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B11081001
BATCH #: 110810S01
DATE EXTRACTED: 11/8/2010
DATE ANALYZED: 11/16/2010

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	100	ND
AROCLOR 1221	11104-28-2	100	ND
AROCLOR 1232	11141-16-5	100	ND
AROCLOR 1242	53469-21-9	100	ND
AROCLOR 1248	12672-29-6	100	ND
AROCLOR 1254	11097-69-1	100	ND
AROCLOR 1260	11096-82-5	100	ND

SURROGATE RECOVERY	%
TCMX	86
DCBP	76

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L11081001
DUPLICATE ID: D11081001
BATCH #: 110810S01
DATE EXTRACTED: 11/8/2010
DATE ANALYZED: 11/16/2010

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
AROCLOR 1260	5000	ND	5368	107	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
AROCLOR 1260	100	5370	5339	0.6	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L110410-W
DUPLICATE ID: D110410-W
METHOD BLANK ID: B110410-W
BATCH #: 101104W01
DATE ANALYZED: 11/08/2010

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT		MB ug/L	SA ug/L	SR ug/L	SP ug/L	SPD ug/L	SP %R	RPD %
CADMIUM	Cd	<1.00	200	0.0	192	192	96	0.1
CHROMIUM	Cr	<1.00	200	0.0	215	214	108	0.6
LEAD	Pb	<1.00	200	0.0	205	204	103	0.6
NICKEL	Ni	<1.00	200	0.0	204	203	102	0.5
ZINC	Zn	<1.00	200	0.0	190	189	95	0.5

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L102610-S
DUPLICATE ID: D102610-S
METHOD BLANK ID: B102610-S
BATCH #: 101026S01
DATE ANALYZED: 10/27/10

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOLID
UNITS: mg/Kg

ELEMENT		MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
CADMIUM	Cd	<2.50	100	0.0	97	98	97	0.2
CHROMIUM	Cr	<2.50	100	0.0	99	100	99	0.9
LEAD	Pb	<2.50	100	0.0	107	109	107	1.7
NICKEL	Ni	<2.50	100	0.0	98	98	98	0.2
ZINC	Zn	<2.50	100	0.0	93	94	93	0.6

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID	Address/Phone	ANALYSES	KPI Project No.
EBA Engineering	825 Sonoma Avenue Santa Rosa, CA 544-0784		
Project Location: 870 Broadway	Client Project No.: 10-1639		☐ EDF Log Code: _____
Contact: David Noren	Sampler (Signature): David Noren		Global ID

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPH-gas	TPH-d/mo	8260	CAM 5	TPH-hydraulic fluid	PCB	BTEX	Expected Turnaround Time	Remarks
SB-1-W	11/1/2010	1252	86622	W	5	X	X	X	X				Standard	
SB-2@9'		1035	86623	S	1									
SB-2W		1450	86624	W	5									
SB-3@16'		1250	86625	S	1									
SB-3-W		1510	86626	W	5									
SB-4@16'		1340	86627	S	1									
SB-4-W		1428	86628	W	5									
SB-5@16'		1500	86629	S	1									
SB-5-W		1610	86630	W	5									
SB-6@10'		1545	86631	S	1				X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
David Noren	Ken Wilson	11/1/10	17:00
Ken Wilson	Dan Hamontree	11-2-10	9:02
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Disposal Method

Disposed by: (Signature) | Date | Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

RECD DEC 1 3 2010

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 11/16/2010

TO: MR. DAVID NOREN
E8A ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com
dnoren@ebagroup.com

ACCT: 9986
PROJ: 10-1639

FROM: Richard A. Kagel, Ph.D.
Laboratory Director RAK 11/16/2010

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 10-1639

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
HA-1@SURFACE	SOIL	11/01/10	11:31	86618
HA-1@16"-20"	SOIL	11/01/10	11:29	86619
HA-2@SURFACE	SOIL	11/01/10	11:18	86620
HA-2@18"-24"	SOIL	11/01/10	12:08	86621

The above listed sample group was received on 11/02/10 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: GRO-GASOLINE RANGE ORGANICS **SAMPLE TYPE: SOIL**
REFERENCE: EPA 8015B **UNITS: mg/Kg**

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC	GRO PATTERN
HA-1@SURFACE	86618	11/1/2010	11:31	110210S1	11/2/2010	1.00	ND	
HA-1@16"-20"	86619	11/1/2010	11:29	110210S1	11/2/2010	1.00	ND	
HA-2@SURFACE	86620	11/1/2010	11:18	110210S1	11/2/2010	1.00	8.29	
HA-2@18"-24"	86621	11/1/2010	12:08	110210S1	11/2/2010	1.00	ND	

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT
AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK
AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS
AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE
CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: CW
DATE: 11/12/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-1@SURFACE
LAB NO: 86618
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 11:31
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-1@SURFACE
LAB NO: 86618
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 11:31
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	106
TOLUENE-D8	89
4-BROMOFLUOROBENZENE	76

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CH
DATE: 11/12/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-1@16"-20"
LAB NO: 86619
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 11:29
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-1@16"-20"
LAB NO: 86619
DATE **SAMPLED:** 11/1/2010
TIME SAMPLED: 11:29
BATCH #: 111110S1
DATE **ANALYZED:** 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	96
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	94

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CH
DATE: 11/12/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-2@SURFACE
LAB NO: 86620
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 11:18
BATCH #: 111110S1
DATE ANALYZED: 11/12/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	7.50	ND
CHLOROMETHANE	74-87-3	7.50	ND
VINYL CHLORIDE	75-01-4	7.50	ND
BROMOMETHANE	74-83-9	7.50	ND
CHLOROETHANE	75-00-3	7.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	7.50	ND
1,1-DICHLOROETHENE	75-35-4	7.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	7.50	ND
METHYLENE CHLORIDE	75-09-2	37.5	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	7.50	ND
1,1-DICHLOROETHANE	75-34-3	7.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	7.50	ND
2,2-DICHLOROPROPANE	594-20-7	7.50	ND
BROMOCHLOROMETHANE	74-97-5	7.50	ND
CHLOROFORM	67-66-3	7.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	7.50	ND
CARBON TETRACHLORIDE	56-23-5	7.50	ND
1,1-DICHLOROPROPENE	563-58-6	7.50	ND
BENZENE	71-43-2	7.50	ND
1,2-DICHLOROETHANE	107-06-2	7.50	ND
TRICHLOROETHENE	79-01-6	7.50	ND
1,2-DICHLOROPROPANE	78-87-5	7.50	ND
DIBROMOMETHANE	74-95-3	7.50	ND
BROMODICHLOROMETHANE	75-27-4	7.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	7.50	ND
TOLUENE	108-88-3	7.50	63.2
CIS-1,3-DICHLOROPROPENE	10061-01-5	7.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	7.50	ND
TETRACHLOROETHENE	127-18-4	7.50	ND
1,3-DICHLOROPROPANE	142-28-9	7.50	ND
DIBROMOCHLOROMETHANE	124-48-1	7.50	ND
1,2-DIBROMOETHANE	106-93-4	7.50	ND
CHLOROBENZENE	108-90-7	7.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	7.50	ND
ETHYLBENZENE	100-41-4	7.50	43.8
XYLENE (M+P)	1330-20-7	7.50	249
XYLENE (O)	1330-20-7	7.50	420
STYRENE	100-42-5	7.50	ND
BROMOFORM	75-25-2	7.50	ND
ISOPROPYLBENZENE	98-82-8	7.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	7.50	ND
BROMOBENZENE	108-86-1	7.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	7.50	ND
N-PROPYLBENZENE	103-65-1	7.50	88.0
2-CHLOROTOLUENE	95-49-8	7.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	7.50	472

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-2@SURFACE
LAB NO: 86620
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 11:18
BATCH #: 111110S1
DATE ANALYZED: 11/12/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	7.50	ND
TERT-BUTYLBENZENE	98-06-6	7.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	7.50	431
SEC-BUTYLBENZENE	135-98-8	7.50	21.8
1,3-DICHLOROBENZENE	541-73-1	7.50	ND
4-ISOPROPYLTOLUENE	99-87-6	7.50	18.5
1,4-DICHLOROBENZENE	106-46-7	7.50	ND
N-BUTYLBENZENE	104-51-8	7.50	122
1,2-DICHLOROBENZENE	95-50-1	7.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	7.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	15.0	ND
HEXACHLOROBUTADIENE	87-68-3	15.0	ND
NAPHTHALENE	91-20-3	15.0	28.5
1,2,3-TRICHLOROBENZENE	87-61-6	15.0	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	109
TOLUENE-D8	95
4-BROMOFLUOROBENZENE	89

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CW
DATE: 11/12/2010

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-2@18"-24"
LAB NO: 86621
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:08
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: HA-2@18"-24"
LAB NO: 86621
DATE SAMPLED: 11/1/2010
TIME SAMPLED: 12:08
BATCH #: 111110S1
DATE ANALYZED: 11/9/2010

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	99
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: MW
DATE: 11/12/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: DRO **SAMPLE TYPE: SOIL**
REFERENCE: EPA 8015B **UNITS: mg/Kg**

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
HA-1@SURFACE	86618	11/01/10	110210S1	11/2/2010	11/02/10	10.0	575	AC
HA-1@16"-20"	86619	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
HA-2@SURFACE	86620	11/01/10	110210S1	11/3/2010	11/03/10	10.0	11700	AC
HA-2@18"-24"	86621	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	

NOTES:

DRO	Diesel Range Organics (C12-C23) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical Pattern for Diesel
AM	Hydrocarbon response is in the C12-C22 range
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/05/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: HRO **SAMPLE TYPE: SOIL**
REFERENCE: EPA 8015B **UNITS: mg/Kg**

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
HA-1@SURFACE	86618	11/01/10	110210S1	11/2/2010	11/02/10	10.0	1030	
HA-1@16"-20"	86619	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	
HA-2@SURFACE	86620	11/01/10	110210S1	11/3/2010	11/03/10	10.0	17900	
HA-2@18"-24"	86621	11/01/10	110210S1	11/2/2010	11/02/10	10.0	ND	

NOTES:

HRO	Heavy Range Organics (C24-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: VN
DATE: 11/05/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: HA-1@SURFACE
LAB NO: 86618
DATE SAMPLED: 11/01/10
TIME SAMPLED: 11:31
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	14.8
CHROMIUM	Cr	11/04/10	2.50	89.8
LEAD	Pb	11/04/10	2.50	837
NICKEL	Ni	11/04/10	2.50	62.0
ZINC	Zn	11/04/10	2.50	1090

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CW
DATE: 11/05/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: HA-1@16"-20"
LAB NO: 86619
DATE SAMPLED: 11/01/10
TIME SAMPLED: 11:29
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	137
LEAD	Pb	11/04/10	2.50	5.12
NICKEL	Ni	11/04/10	2.50	124
ZINC	Zn	11/04/10	2.50	34.0

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CW
DATE: 11/5/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: HA-2@SURFACE
LAB NO: 86620
DATE SAMPLED: 11/01/10
TIME SAMPLED: 11:18
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	8.11
CHROMIUM	Cr	11/04/10	2.50	89.3
LEAD	Pb	11/04/10	2.50	1200
NICKEL	Ni	11/04/10	2.50	55.1
ZINC	Zn	11/04/10	2.50	777

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 11/05/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: HA-2@18"-24"
LAB NO: 86621
DATE SAMPLED: 11/01/10
TIME SAMPLED: 12:08
BATCH ID: 101026S01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
CADMIUM	Cd	11/04/10	2.50	ND
CHROMIUM	Cr	11/04/10	2.50	96.5
LEAD	Pb	11/04/10	2.50	7.64
NICKEL	Ni	11/04/10	2.50	89.0
ZINC	Zn	11/04/10	2.50	40.1

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CN
DATE: 11/05/2010

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B110210S1
SAMPLE TYPE: SOIL

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

BATCH #: 110210S1
DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

UNITS: mg/kg

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	1.00	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L110210S1
DUPLICATE ID: D110210S1
BATCH #: 110210S1
SAMPLE TYPE: SOIL
UNITS: mg/kg

DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	5.00	ND	4.70	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	1.00	4.70	4.46	5.1	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111110S1

BATCH #: 111110S1
DATE ANALYZED: 11/11/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND

K PRIME, INC.
LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111110S1

BATCH #: 111110S1
DATE ANALYZED: 11/11/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	96
TOLUENE-D8	98
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B111110S1
SPIKE ID: L111110S1
DUPLICATE ID: D111110S1
BATCH #: 111110S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	27.9	93	60-140
BENZENE	30.0	ND	29.6	99	60-140
TRICHLOROETHENE	30.0	ND	27.5	92	60-140
TOLUENE	30.0	ND	31.1	104	60-140
CHLOROBENZENE	30.0	ND	30.4	101	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	27.9	27.3	2.1	±20
BENZENE	1.50	29.6	29.0	2.3	±20
TRICHLOROETHENE	1.50	27.5	25.9	5.8	±20
TOLUENE	1.50	31.1	30.0	3.5	±20
CHLOROBENZENE	1.50	30.4	29.6	2.5	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 110210S1
DATE EXTRACTED: 11/2/2010
DATE ANALYZED: 11/2/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B110210S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L110210S1
DUPLICATE ID: D110210S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	472	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	472	482	2.1	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L102610-S
DUPLICATE ID: D102610-S
METHOD BLANK ID: B102610-S
BATCH #: 101026S01
DATE ANALYZED: 10/27/10

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOLID
UNITS: mg/Kg

ELEMENT		MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
CADMIUM	Cd	<2.50	100	0.0	97	98	97	0.2
CHROMIUM	Cr	<2.50	100	0.0	99	100	99	0.9
LEAD	Pb	<2.50	100	0.0	107	109	107	1.7
NICKEL	Ni	<2.50	100	0.0	98	98	98	0.2
ZINC	Zn	<2.50	100	0.0	93	94	93	0.6

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID	Address/Phone	ANALYSES	KPI Project No.
EBA Engineering	825 Sonoma Ave Santa Rosa, CA 544-0784		☐ EDF Log Code:
Project Location: 870 Broadway	Client Project No.: 10-1639		Global ID
Contact: David Noren	Sampler (Signature): David Noren		

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPH-g	TPH d/mo	8260	CAM 5				Expected Turnaround Time	Remarks
HA-1@Surface	11/1/10	1131	86618	S	1	X	X	X	X				Standard	
HA-1@16"-20"	"	1129	86619	S	1	"	"	"	"				"	
HA-2@surface	"	1118	86620	S	1	"	"	"	"				"	
HA-2@18"-24"	"	1208	86621	S	1	"	"	"	"				"	

Relinquished by: (Signature) David Noren	Received by: (Signature) Karl Webster	Date 11/1/10	Time 17:00
Relinquished by: (Signature) Karl Webster	Received by: (Signature) Pam Hamontree	Date 11-2-10	Time 9:02
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Disposal Method		
Disposed by: (Signature)	Date	Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.
CONSULTING ANALYTICAL CHEMISTS

1820 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 12/1/2010

TO: MR. DAVID NOREN
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com
dnoren@ebagroup.com

ACCT: 9986
PROJ: 10-1639

FROM: Richard A. Kagel, Ph.D.
Laboratory Director RAK 12/1/2010

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 10-1639

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
HA-3@7'	SOIL	11/22/10	02:30	87151

The above listed sample group was received on 11/22/10 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

SAMPLE ID: HA-3@7'
LAB NO: 87151
SAMPLE TYPE: SOIL
DATE SAMPLED: 11/22/2010
TIME SAMPLED: 2:30

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

BATCH #: 111710S1
DATE ANALYZED: 11/23/2010
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.50	ND
TOLUENE	108-88-3	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	113
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	95

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: CW
DATE: 11/24/2010

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 10-1639

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
HA-3@7'	87151	11/22/10	112210S1	11/23/10	11/24/10	10.0	ND	

NOTES:

DRO	Diesel Range Organics (C12-C34) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical pattern for diesel
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 11/24/2010

K PRIME, INC.

LABORATORY METHOD BLANK REPORT **METHOD BLANK ID:** B111710S1

BATCH #: 111710S1
DATE ANALYZED: 11/17/2010

METHOD: VOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** SOIL
REFERENCE: EPA 5035/8260 **UNITS:** µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
BENZENE	71-43-2	1.50	ND
TOLUENE	108-88-3	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	97
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	97

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B111710S1
SPIKE ID: L111710S1
DUPLICATE ID: D111710S1
BATCH #: 111710S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	30.3	101	60-140
BENZENE	30.0	ND	29.6	99	60-140
TRICHLOROETHENE	30.0	ND	27.1	90	60-140
TOLUENE	30.0	ND	27.7	92	60-140
CHLOROBENZENE	30.0	ND	28.9	96	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	30.3	28.9	4.8	±20
BENZENE	1.50	29.6	28.4	4.1	±20
TRICHLOROETHENE	1.50	27.1	25.9	4.4	±20
TOLUENE	1.50	27.7	27.0	2.7	±20
CHLOROBENZENE	1.50	28.9	28.2	2.3	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 112210S1
DATE EXTRACTED: 11/22/2010
DATE ANALYZED: 11/22/2010

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B112210S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L112210S1
DUPLICATE ID: D112210S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	412	82	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	412	420	1.9	±20

NOTES:
DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID	Address/Phone	ANALYSES	KPI Project No.
EBA Engineering	825 Sonoma Avenue Santa Rosa, CA 544 0784		
Project Location: Broadway	Client Project No.: 10-1639		☐ EDF Log Code: ———
Contact: David Noren	Sampler (Signature): David Noren		Global ID

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPH-ht	BTEX						Expected Turnaround Time	Remarks
HA-3@7'	11/22/10	12:30	87151	Soil	1	X	X						Std.	

Relinquished by: (Signature) David Noren	Received by: (Signature) Pam Hancock	Date 11-22-10	Time 16:11
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Disposal Method	White Copy : Accompanies Samples Yellow Copy : Sampler		
Disposed by: (Signature)	Date	Time	

APPENDIX E

GEOPHYSICAL REPORT

NORCAL GEOPHYSICAL CONSULTANTS, INC.

December 10, 2010

Mr. David Noren
EBA Engineering
825 Sonoma Avenue, Suite C
Santa Rosa, California 95405

Subject: Geophysical Investigation
Sonoma Auto and Truck
890 Broadway
Sonoma, California

NORCAL Job No. 10-282.35

Dear Mr. Noren:

This report presents the findings of the geophysical investigation performed by NORCAL Geophysical Consultants, Inc. on a portion of the Sonoma Auto and Truck Facility in Sonoma California. The field survey was conducted on November 1, 2010 by NORCAL California Professional Geophysicist David Bissiri (PGp 1009). Logistical support was provided by David Noren of EBA Engineering.

1.0 SITE DESCRIPTION AND PURPOSE

The Sonoma Auto and Truck facility is located on the northwest corner of Broadway and East MacArthur Street in Sonoma, California. It comprises several showroom and service buildings located in the northern and eastern portions and an asphalt parking lot in the southwest portion. The survey area, as designated by EBA Engineering, consists of an approximately 85- by 50-foot rectangular area in the southwest portion of the parking lot (see Plate 1).

According to verbal reports from EBA Engineering, this site was once the location of a gasoline station dating from the early 1920's. The station was demolished many years ago, but the records are unclear as to the final disposition of the USTs associated with the former facility. Though all above-ground structures associated with the former station appear to be gone, a suspected on-grade former pump island still exists and makes up a portion of the sidewalk along Broadway within the survey area. Because this remnant of the former station still exists, it is thought that additional on-grade or below grade features may also be present. Therefore, the purpose of the geophysical investigation is to obtain subsurface information to aid in further identifying the location of possible detectable buried metallic and non-metallic objects and debris, as well as detectable utilities within the limits of the designated survey.

2.0 FIELD INVESTIGATIONS

2.1 METHODOLOGY

Buried objects and debris are often both metallic and nonmetallic in nature. These materials can produce subsurface magnetic and conductivity contrasts that can be delineated by certain geophysical methods. These include, but are not limited to electromagnetic terrain conductivity (TC), ground penetrating radar (GPR), and metal detection (MD) methods.

We used the TC method to delineate variations in the electrical conductivity of the shallow subsurface to a depth of approximately 7 feet. The effect that metallic or nonmetallic material will have on the TC measurements is dependent upon the depth and size of the object, and the contrast in electrical conductivity with the surrounding materials. We performed the TC survey using a Geophysical Survey Systems, Inc. (GSSI) Profiler EMP-400 Electromagnetic Induction instrument.

We used the MD (metal detection) method to scan for near surface metal and the presence of utilities. This method also uses electromagnetic induction, but differs from the TC method in that only metallic objects are characterized and no recordable data is obtained. The GPR method was used to aid in further characterizing the source of detected MD anomalies. This method provides graphic images of the shallow subsurface that are evaluated typically for evidence of buried objects and disturbed soil. We used a Geophysical Survey Systems, Inc. SIR-3000 Subsurface Interface Radar System equipped with a 400 megahertz (MHz) antenna. Descriptions of the TC, MD, and GPR methods are provided in Appendix A.

2.2 TC/MD GEOPHYSICAL SURVEY

Prior to proceeding with the geophysical work, we established a survey grid to provide horizontal control. The position of the grid was based on the four corners of an approximately 85- by 50-foot rectangular area delineated by EBA Engineers in the southwest portion of the site. We created the grid in the field using a fiberglass measuring tape and marking paint. The origin (0E, 0N) was located along the curb facing Broadway, approximately 10 feet north of MacArthur Street, with grid nodes marked every 5 feet on the ground. This grid was then used to guide the TC and MD surveys.

We then conducted a TC and MD survey over the established grid. TC data were acquired at five foot intervals (stations) along south-north trending traverses spaced five feet apart. Following data acquisition, we transferred the TC data to a personal computer and converted the data into a format for contouring. The contouring program (***SURFER Version 9.0 by Golden Software***) calculates an evenly spaced array of values (grid) based on the observed field data. Finally, these gridded values are contoured to produce a TC contour map. This map provided a general characterization of the conductivity variations and can be used to assess the existence of buried debris and other subsurface features.

The MD was used to scan along both north-south and east-west trending traverses spaced 5 to 10 feet apart. During this reconnaissance, we detected numerous subsurface targets. The locations of these targets were marked on the ground surface with pink spray paint and mapped. Subsequently, we used GPR to verify the approximate depths and lateral limits of the MD anomalies.

2.3 GPR SURVEY

We used the GPR to collect radar data within an approximately 34- by 35-foot subarea located in the central portion of the larger survey area. We collected GPR data along a series of south-to-north traverses spaced 2-feet apart starting at Grid 10 East/30 North and ending at Grid 44 East/65 North. The radar data acquired was uploaded to a computer and processed using Geophysical Survey System Inc.'s ***RADAN*** program to produce a series of three-dimensional (3-D) "time-slice" images of the subsurface. These images represent horizontal images (a.k.a. "plan view") of the subsurface at various depths below ground surface (bgs). These images were then evaluated for reflection patterns suggestive of USTs, piping, buried debris, and backfilled areas.

3.0 RESULTS

The results of the geophysical investigation are presented on the Site Map, Plate 1. The results of the TC and GPR surveys are shown on Plates 2 and 3, respectively.

3.1 TC/MD SURVEY

The results of the TC and MD surveys are presented on the Geophysical Survey Map, Plate 1. This map shows the limits of the designated geophysical survey area, pertinent site features, and the locations of the detected subsurface features. These subsurface features include a zone of suspected debris and utility alignments. The zone of suspected debris is located east of the suspected former pump island in the center of the survey area as depicted by the red shaded figure on Plate 1. This zone is irregular in shape and produced a variable response in the MD instrument readings, which suggests this zone is comprised of several individual objects rather than a single object with well-defined boundaries. The TC results presented on Plate 2 corroborate this interpretation as the contour closures in the immediate vicinity of the suspected debris zone are contorted in a pattern consistent with that due to numerous metallic objects buried within a debris zones. Additional TC contour closures are evident in the southwest and northeast portions of the survey area, especially along the boundaries. However the contour closures in the southwest are attributed to the effects of known above-ground features such as the traffic signal, light standards, and a fire hydrant, while the closures in the northeast are attributable to suspected underground utilities.

The underground utilities consist of five lines. One line is an active water line parallel to the eastern boundary of the survey area. This line extends northward through the survey area from a water meter box in the sidewalk along East MacArthur Street. The other four utility lines are

undifferentiated utilities located in the vicinity of the suspected debris zone and pump island and depicted on Plate 1 as the dashed black lines labeled "-uu-". Two of the lines are oriented diagonally southwest to northeast and range in length from approximately 15- to 20-feet. One of these diagonal lines lies partially within the suspected debris zone and the other is located a few feet to the west. Both of these lines appear to be abandoned and may be associated with a former structure that was located where the debris zone is now. The other two lines are longer and form a "T" perpendicular to the sidewalk along Broadway. One leg of the "T" extends eastward from the southern end of the former pump island for a distance of 37 feet, whereupon another leg extends southward for a distance of approximately 6-feet and a third leg extends northward a distance of at least 50 feet, out of the survey area. While these utility lines appear to be associated with the former pump island, their purpose could not be determined.

3.2 GPR SURVEY

The GPR results are presented as a 3-D time-slice image on Plate 3. This image is a plan view, or "slice" of GPR data within an approximately 34-foot wide by 35-foot long sub-area of the larger survey area. The GPR area was approximately centered on the suspected debris zone and the "slice" represents radar signal amplitude obtained at a depth of approximately 1.8 feet below ground surface. Low amplitude reflections are depicted in shades of white and gray, while higher amplitude reflections are depicted in shades of yellow, reds, and purple.

Based on our evaluation of the GPR data, we did not see evidence of USTs or specific targets within the debris zone. However, we were able to clearly delineate three of the four undifferentiated utility lines that exist in this portion of the survey area. These are the two short diagonal lines in the vicinity of the debris zone and the eastward trending leg of the "T" extending from the pump island. These lines appear on the GPR image as the linear assemblages of high amplitude reflections in the central and southern portions of the image. The two northward trending legs of the utility line "T" are not clearly evident, which we attribute to a lack of data resulting at exactly this easting position, which resulted from the 2-foot spacing of the GPR traverses.

4.0 LIMITATIONS

In general, there are limitations unique to the geophysical methods used for this investigation. For example, subsurface objects may be buried deeper than the detection capabilities of the geophysical method. There may be a lack of contrast in physical properties between native soils and buried objects. Above or below ground cultural features, such as utilities, fences, and debris, may cause interference that limits or masks the detection of nearby buried objects. Since the accuracy of our findings is subject to these limitations, it should be noted it is possible that not all buried objects or features may be detected or characterized. A more detailed discussion of the limitations with regard to each of the geophysical methods used for this investigation is presented in Appendix A.

5.0 STANDARD CARE AND WARRANTY

The scope of NORCAL's services for this project consisted of using geophysical methods to characterize the shallow subsurface. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the standard of care ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services or products delivered under this agreement, expressed or implied, is made by NORCAL.

We appreciate having the opportunity to provide our services to you for this investigation.

Respectfully,

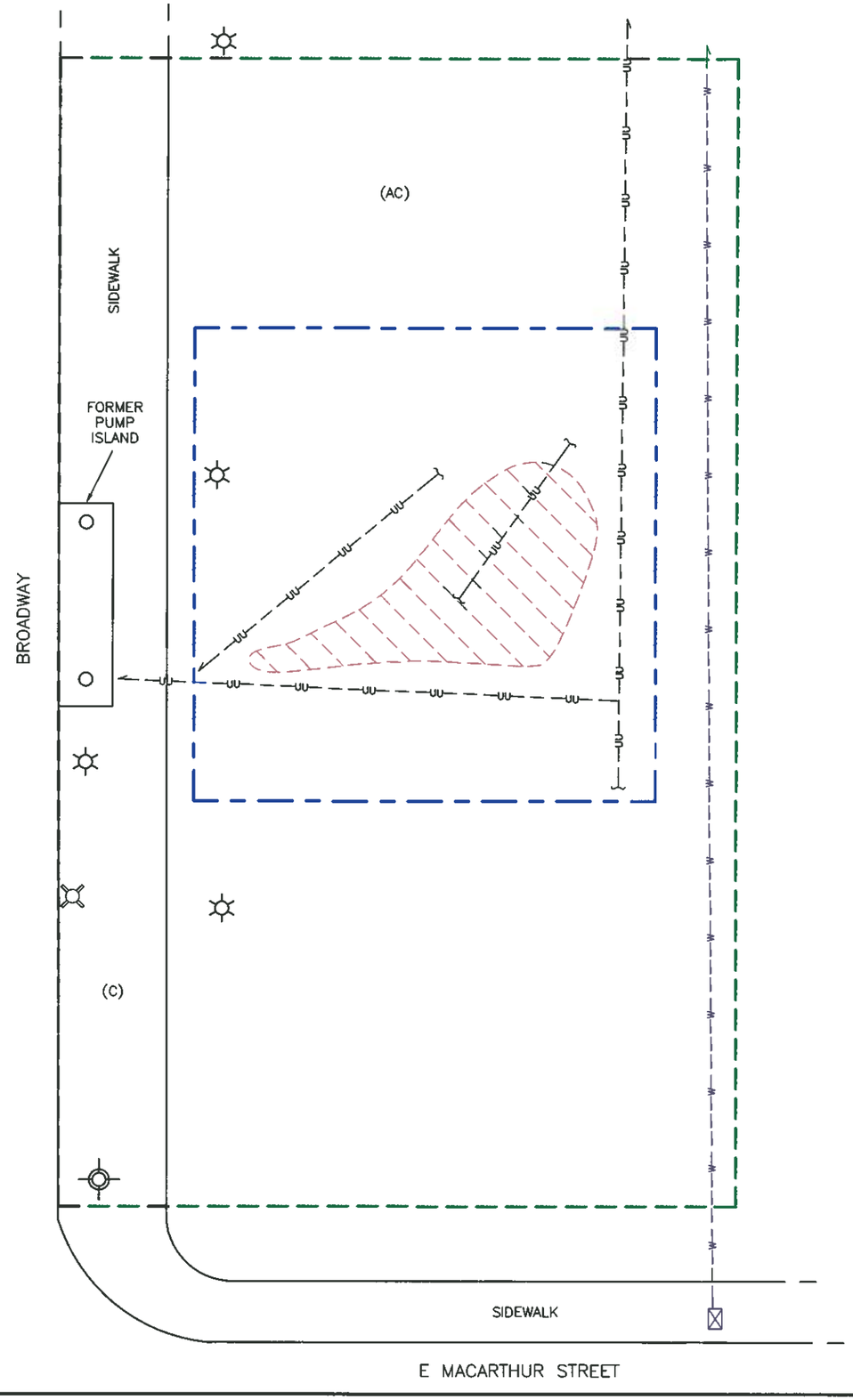
NORCAL Geophysical Consultants, Inc.

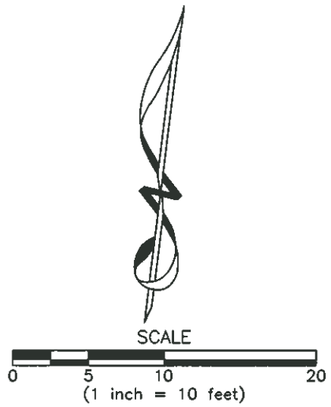
David Bissiri
Professional Geophysicist, PGp-1009

DJB/KGB/tt

Enclosure: Plates 1 -3

Appendix A Geophysical Methodology, Instrumentation, Data Analysis and Limitations





LEGEND

— — —	LIMITS OF GEOPHYSICAL SURVEY
— — —	3–D GPR SURVEY AREA
— —UU— —	UNDIFFERENTIATED UTILITY LINE
— — —W— —	WATER LINE
	SUSPECTED DEBRIS ZONE
	FIRE HYDRANT
	LIGHT STANDARD
	TRAFFIC SIGNAL
	WATER METER BOX
(AC)	ASPHALT
(C)	CONCRETE

NORCAL

SITE MAP
BROADWAY & E MACARTHUR
GEOPHYSICAL SURVEY

LOCATION: SONOMA, CALIFORNIA

CLIENT: EBA ENGINEERING

JOB #: 10–282.35

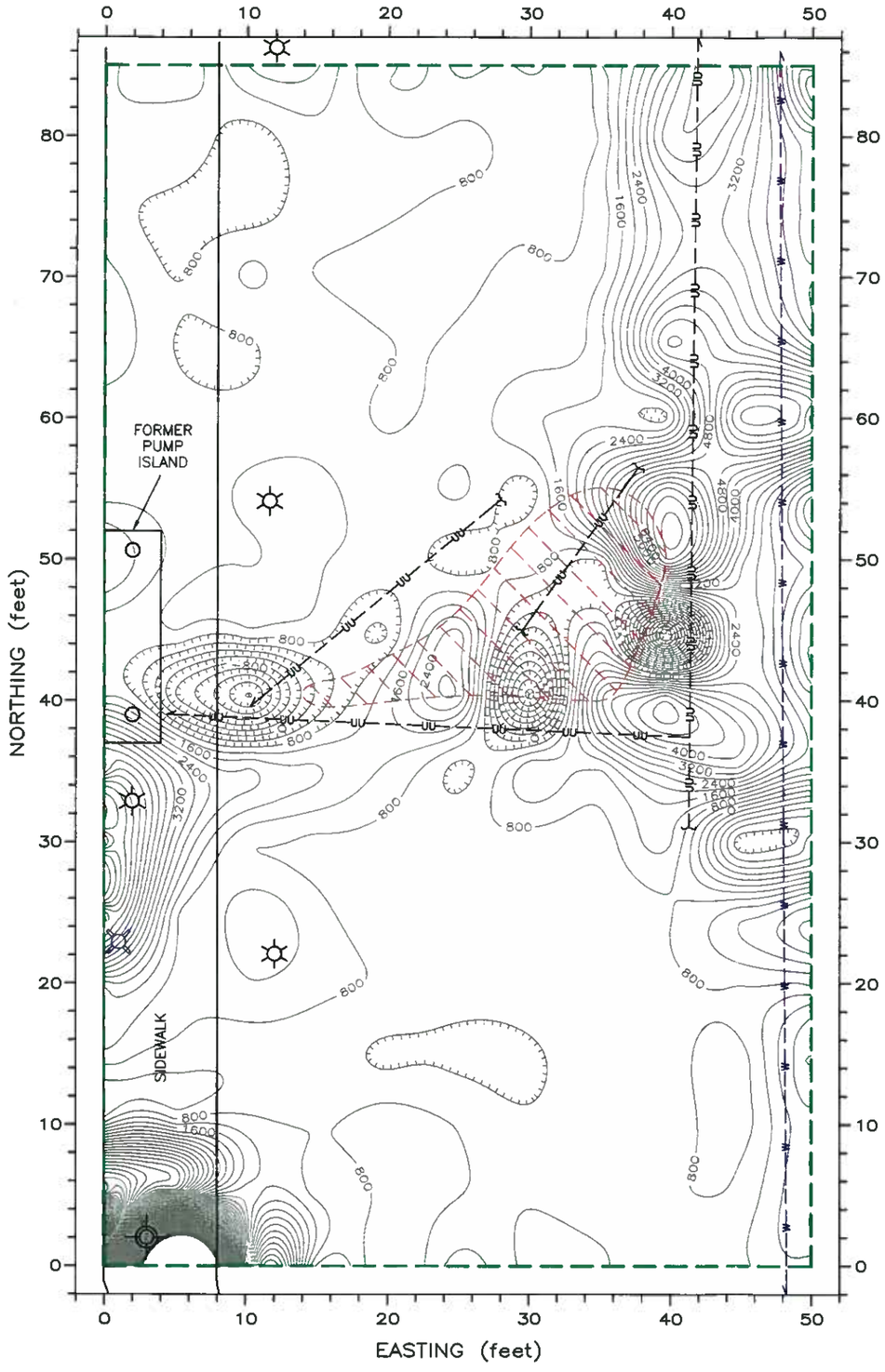
NORCAL GEOPHYSICAL CONSULTANTS INC.

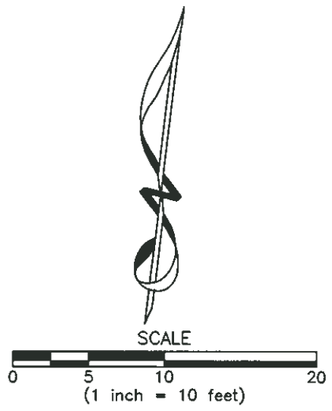
DATE: DEC. 2010

DRAWN BY: G.RANDALL

APPROVED BY: DJB

PLATE 1





LEGEND

	LIMITS OF TERRAIN CONDUCTIVITY SURVEY
	TERRAIN CONDUCTIVITY CONTOUR (CONTOUR INTERVAL = 400 ppm)
UU	UNDIFFERENTIATED UTILITY LINE
W	WATER LINE
	SUSPECTED DEBRIS ZONE
	FIRE HYDRANT
	LIGHT STANDARD
	TRAFFIC SIGNAL

NORCAL

TERRAIN CONDUCTIVITY CONTOUR MAP
5 KHz QUADRATURE DATA
BROADWAY & E MACARTHUR

LOCATION: SONOMA, CALIFORNIA

CLIENT: EBA ENGINEERING

JOB #: 10-2B2.35

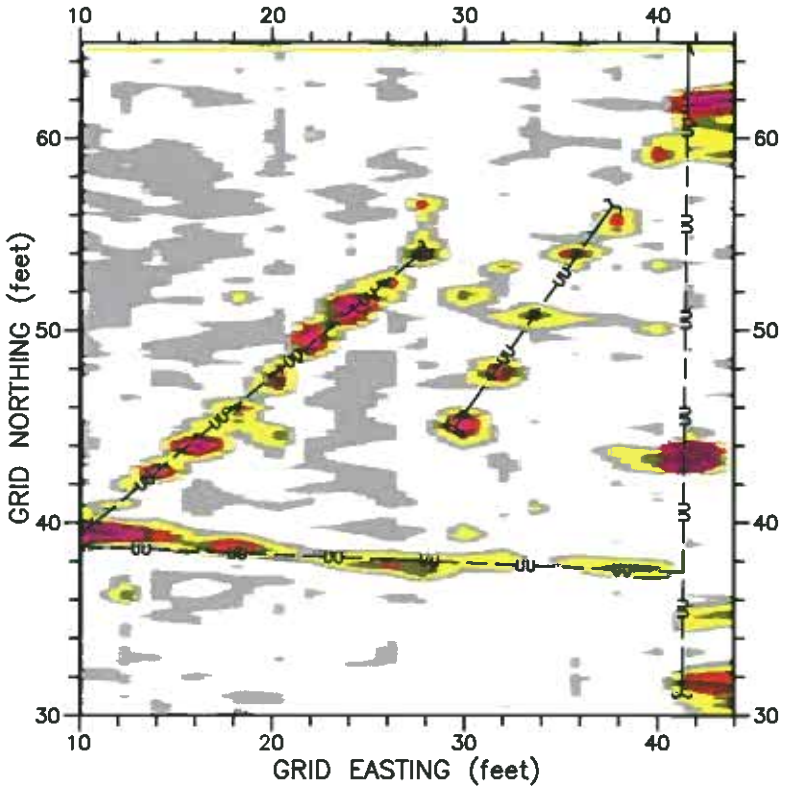
NORCAL GEOPHYSICAL CONSULTANTS INC.

DATE: DEC. 2010

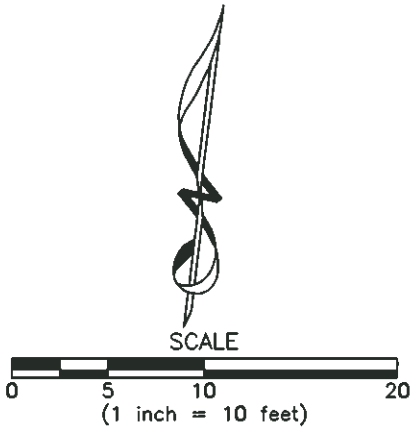
DRAWN BY: G.RANDALL

APPROVED BY: DJB

PLATE 2



INCREASING SIGNAL AMPLITUOE



LEGEND	
— —UU— —	UNOIFFERENTIATEO UTILITY LINE

NORCAL

3-D GPR TIME SLICE IMAGE @~1.8 FEET BELOW GROUND SURFACE BROADWAY & E MACARTHUR

LOCATION: SONOMA, CALIFORNIA

CLIENT: EBA ENGINEERING

JOB #: 1D-282.35

NORCAL GEOPHYSICAL CONSULTANTS INC.

DATE: DEC. 2D1D

DRAWN BY: G.RANDALL

APPROVED BY: DJB

PLATE 3

Appendix A

Geophysical Methodology, Instrumentation, Data Analysis and Limitations

Terrain Conductivity (TC)

Methodology

The TC method provides information on the lateral variation of the electrical conductivity of the subsurface. These changes in conductivity can arise from natural changes in soil composition or from buried foreign objects. Operating on the principle of electromagnetic induction, the method utilizes an instrument having two coils separated by a fixed distance. One of these coils transmits a primary radio-frequency signal that induces a current flow (secondary signal) in the earth. The other coil senses a secondary signal resulting from the induced current flow. For measurement purposes the secondary signal is broken down into both quadrature and in-phase components. The quadrature component is used to determine the value of electrical conductivity and is often measured in either milliSiemens/meter (mS/m) for absolute units or parts-per-million (ppm) for relative units. This component is useful for detecting both metallic and non-metallic objects. The in-phase component also changes with conductivity, but varies in a different fashion than the quadrature component. This component is useful when only the location of metallic objects is of interest. In-phase measurements are expressed in parts-per-million (ppm).

The principle behind the electromagnetic induction method is based on the fact that when highly resistive material is subjected to a time-varying electromagnetic field (such with RF) there is a linear relationship between the quadrature component and conductivity. In contrast, when highly conductive materials like metals are encountered, both quadrature and in-phase components can be quite large and their behavior is often non-linear. When trying to characterize resistive material, such as soil and rock, measurement of the quadrature component is most useful, though the quadrature component is also affected by conductive metals. When only trying to characterize metallic material, then the In-phase component is typically used.

Instrumentation

The instrument used by NORCAL for shallow subsurface investigations is a Geophysical Survey Systems Multi-Frequency Profiler EMP 400 terrain conductivity meter. This instrument consists of transmitting and receiving coils mounted at opposites ends of a horizontal boom with a control console in between. The separation distance of the coils is approximately 4 feet. By using up to four selectable induction frequencies ranging from 1 KHz to 16 KHz at the same time, different effective sampling depths can be obtained. In most cases these sampling depths range from less than a foot to greater than 15 feet. Data is obtained by carrying the instrument at ankle-level and taking readings taken at regular intervals, usually between 2- to 10-feet apart. The resulting TC data is automatically stored in digital memory, along with station locations and any field notes.

Computer Processing

TC data are typically processed in the field on a portable computer. The uploaded data are converted into a format suitable for contouring using the program ***SURFER*** from Golden

Software. This program calculates an evenly spaced array of values (data grid) based on the measured field data which are then contoured to produce TC contour maps of each induction frequency for interpretation.

Contour Map Interpretation

Generally speaking, in a region with fairly uniform conductivity conditions the TC values will vary smoothly from one area to another. Under these conditions, contour lines are usually spaced far apart. In contrast, in those areas where lateral TC variations are stronger, the contours are more closely spaced. In some cases the variations are so strong that the contours become highly contorted. These contorted contours may form roughly concentric circles suggestive of bull's-eyes, tightly wound loops and whorls similar to finger prints, or elongated parallel lines. Actual magnitude and shape of the contour lines is dependent on the how rapidly the conductivity of the subsurface changes and if there are any metallic objects present that can affect the instrument readings.

Roughly concentric circles are generally referred to as monopoles. Monopoles that are roughly limited in extent to the data point spacing of the sampling grid are often caused by relatively small, near surface metallic objects with limited cross-section. These typically consist of well caps, pull boxes, balls of wire, etc. On the other hand, larger monopoles that extend across an area of several data points are typically associated with larger, deeper objects such USTs, concrete pads, backfilled zones, etc.

Irregular patterns of loops and whorls are often indicative of several conductive objects with variable shape, size, conductivity, and distribution being present. These irregular TC patterns are the most difficult to interpret. Past experience has shown that such patterns are usually associated with debris fields, landfills, and demolition sites.

A series of generally parallel contour lines typically indicates the source is an elongate object such as a building wall, fence, or underground pipeline. If the parallel contours are more or less straight, then this indicates the object was oriented roughly parallel to the direction of the EM31's coil boom during data collection. If the contour lines form a series of parallel, undulating contours (also referred to as a "herring bone" pattern), then this indicates the source was oriented roughly perpendicular to the EM31's boom during data collection.

Regardless of whether the contours form discrete monopoles, irregular patterns, or parallel lines, if there are no obvious nearby above ground sources that could cause such variations, then subsurface objects are suspected. TC contours are typically considered anomalous when differences larger than a few tens of milliSiemens per meter (mS/m) are displayed from one data station to the next.

Limitations

Buried ferrous metal objects often produce large localized variations, or anomalies, in terrain conductivity. As a general rule, anomaly magnitude typically decreases, and anomaly width increases, as distance (depth) to the source increases. This can make detection of small, deeply

buried metallic objects difficult. In addition, the ability to detect a buried metal object is based on the intensity of these variations in contrast to the intensity of background variations. The intensity of background variations is based on the conductivity of the soil and the amount of above and below ground metal present within a survey area. Cultural features such as chain link fences, buildings, debris, railroad spurs, utilities, above ground electric lines, etc. typically produce variations with high intensities. These variations may mask the TC effects of buried metal objects and thus make it very difficult to determine whether the variations are associated with below ground metal or known above/below ground cultural features.

Apart from the physical limitations of the instrument and the unwanted effects from secondary objects, the ability to detect subsurface features is also dependent upon the density of data acquisition points. If the distance between data acquisition points is significantly larger than the size of the target object, then the object may not be detected.

Metal Detection (MD)

MD Methodology

This method uses the principle of electromagnetic induction to detect shallowly buried metal objects such as USTs, metal utility conduits, rebar in concrete, manhole covers, and various metallic debris. This is done by carrying a hand-held radio transmitter-receiver unit above the ground and continuously scanning the surface. A primary coil broadcasts a radio signal from a transmitter which induces secondary electrical currents in metal objects. These secondary currents in turn produce a magnetic field which is detected by the receiver.

Instrumentation

The MD instrument that we typically use for shallow subsurface investigations is a Fisher TW-6 pipe and cable locator. This instrument is expressly designed to detect metallic pipes, cables, USTs, manhole covers, and other large, shallowly buried metallic objects. The instrument operates by generating both a meter reading (unitless) and an audible response when near a metal object. The peak instrument response usually occurs when the unit is directly over the object. The TW-6 does not provide a recordable data output that can be used for later computer processing. Results are generally limited to marking the interpreted outlines of detected objects in the field and mapping their locations.

Limitations

In general, the response of the MD instrument is roughly proportional to the horizontal surface area of near surface buried objects (typically in the upper three or four feet). This relationship can be used to advantage in discriminating between metal debris, reinforced concrete pads, and pipelines. However, in the presence of above ground metal objects such as fences, walls, parked cars, and metal debris, this is no longer valid. In some instances, the presence of such objects can make it very difficult to determine whether the instrument responses are associated with below ground targets or above ground cultural features. When multiple sources are present it

may not be possible to identify individual targets. Also, relatively large objects that have a limited horizontal cross-section such as well casing and fence posts are sometimes difficult to detect.

Ground Penetrating Radar (GPR)

GPR Methodology

Ground penetrating radar is a method that provides a continuous, high resolution graphical cross-section of the shallow subsurface. The method entails repeatedly radiating an electromagnetic pulse into the ground from an antenna as it is moved along a traverse. Reflected signals are received by an antenna (often the same one used to generate the signal) and sent to a control unit for processing. The control unit then converts the varying amplitude of reflected radar signals as a function of time into a cross-sectional image showing signal amplitude as a function of depth.

GPR is particularly sensitive to variations of two electrical properties. One property is conductivity (the ability of a material to conduct a charge when a field is applied) and the other is permittivity (the ability of a material to hold a charge when a field is applied). These two properties determine how far a signal can propagate. They also determine the strength of reflected signals that can be generated at material boundaries. Reflections result because of the differences in these electrical properties on either side of a boundary.

Most soil and earthen-like materials such as concrete are electrically resistive and have a relatively low permittivity. As a result, they are relatively transparent to electromagnetic energy. This means that only a portion of the radar signal incident upon them is reflected back to the surface. On the other hand, when the signal encounters an object composed of a material that has the opposite electrical properties, especially one with a high permittivity (such as metal) much of the incident energy is reflected. This difference in transmittivity and reflectivity determines how deep a given radar signal can penetrate into the ground and still yield interpretable results.

Instrumentation

We typically perform GPR surveys using a Geophysical Survey Systems, Inc. SIR-3000 Subsurface Interface Radar System equipped with either a 400 or 500 megahertz (MHz) transducer. This unit is comprised of a combined control/data recording console that is connected by a telemetry cable to the antenna. This system is often chosen for investigating environmental sites since it usually provides both the resolution and depth penetration needed for characterizing the upper three to four feet of the subsurface.

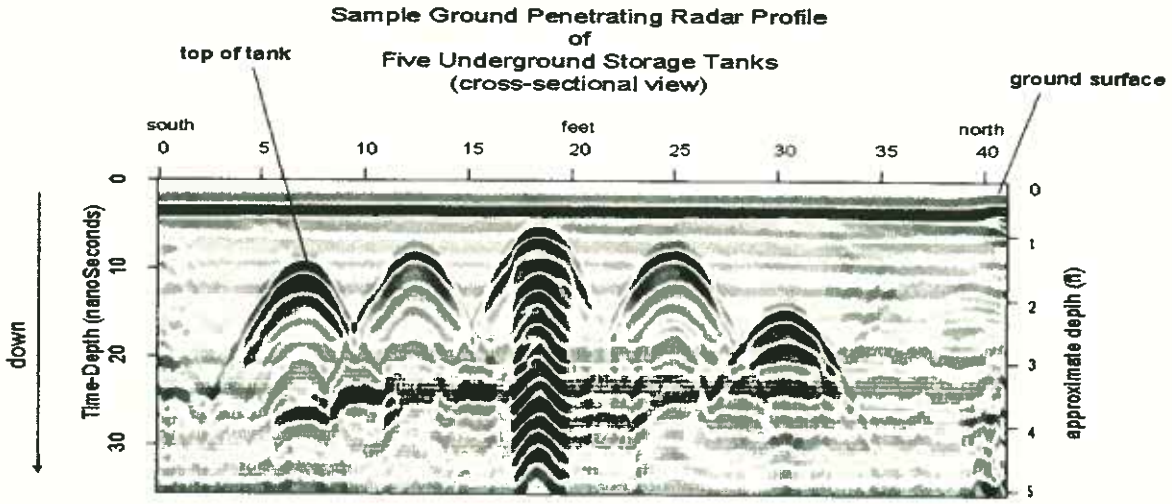
Data Interpretation

The interpretation of GPR data can be done in two ways. The first is referred to as two-dimensional (2-D) and involves examining the graphical records for reflections from buried objects. 2-D GPR records represent a vertical "slice" of the subsurface along a single traverse (or profile) which displays changes in reflected signal strength with horizontal position as a function of arrival time. Reflections that arrive earlier in time are placed in the upper portions of the record and reflections that arrive later are placed lower, towards the bottom of the records. Horizontal position is across the top of the record. For display purposes, almost any color range

can be used to denote differences in reflected signal strength, but typically a simple black-and-white display is used.

In areas with relatively uniform conditions, with no buried objects producing reflections, 2-D records, or profiles, typically appear as a series of alternating dark and light horizontal bands. In areas where there are subsurface objects producing reflections, the horizontal banding is disrupted. Discrete objects typically produce reflections having the appearance of inverted "U"s, forming what are known as "hyperbolic reflections". Metallic objects often produce markedly strong reflections, in many cases forming multiple reflections appearing as a series of inverted U's cascading down the record. Non-metallic objects can produce similar reflections, but the multiples are typically much weaker.

A sample profile from a different site with five adjacent steel USTs is presented below:

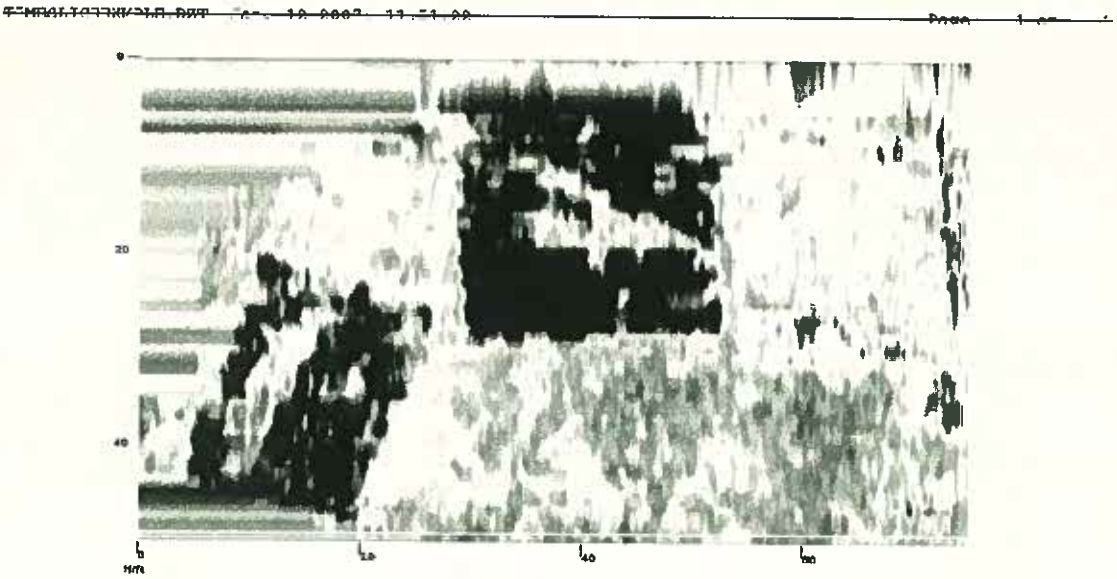


Note: the "Time Depth" of 35 nanoSeconds at the bottom of this profile corresponds to a true depth of approximately 5 feet for this example only. Actual depth to bottom of other profiles may be different.

An object's burial depth may also be estimated from GPR profiles. As mentioned above, GPR measures signal amplitude as a function of time. However, the translation of the radar signal's travel time (technically known as time-depth) to an actual distance (true depth) is not always a simple one. Strictly speaking, in order to translate from time-depth to true depth the signal velocity within each time interval must be known. Since this is not routinely determined in the field, estimated velocities are often used for determining the approximate depth to a reflector. The empirical values for GPR signal propagation velocities within commonly encountered soils are obtained from published tables.

The second way GPR data can be displayed is referred to as a three-dimensional (3-D) time-slice. In this case, the data is displayed as a horizontal "slice" of a plan area at a specified depth below grade. The data is obtained from multiple parallel 2-D traverses and are processed to display variations in signal amplitude in both horizontal and vertical directions. A sample time-slice from

a site different than the one investigated in this investigation is presented below.



Time-Slice image of two former pump islands buried under approximately 2-foot of asphalt and base material. Diagonal linear feature extending from top center to lower right is an electrical conduit located below asphalt but above former pump islands.

Limitations

The ability to detect subsurface targets is dependent on specific site conditions. These conditions include depth of burial, the size or diameter of the target, the condition of the specific target in question, the type of backfill material associated with the target, and the surface conditions over the target. Typically, the depth of detection will be reduced as the clay and/or moisture content in the subsurface increases. As a result, depths of detection (using a 500 MHz antenna) typically range from as deep as six feet to as little as a few inches.