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*5:23 pm, Apr 26, 2012*

Alameda County  
Environmental Health

20 April 2012

Donna Drogos, P.E.  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, California 94502

**Subject:** Submittal of Investigation Reports and Request for Closure  
Negherbon Property, Oakland, California  
SLIC Case #RO0003095/Geotracker Global ID T10000003613  
EKI B10088.00

Dear Ms. Drogos:

Signature Development Group Inc. ("Signature") is submitting the accompanying Phase I and Phase II reports prepared by Erler & Kalinowski, Inc. ("EKI") to document the results of historical site use investigations and soil and groundwater sampling for two properties in the Broadway Grand II project area in Oakland, California. The Phase II report includes specific recommendations regarding the management of existing conditions on portions of the site in connection with planned redevelopment. By this letter, we are requesting Alameda County Environmental Health Department's (ACDEH) (1) approval of those recommendations and (2) closure of the Subject Properties consistent with those recommendations.

As this is an ongoing development opportunity, these issues are highly time sensitive. As a result, we would greatly appreciate a response by May 15, 2012. We would be pleased to meet with you at your office, with EKI, if that would assist in your review. Below, for your convenience, we provide a brief summary of the subject properties and EKI's findings.

**The Subject Properties**

The existing addresses of the subject properties are 2333 Broadway and 421 – 24<sup>th</sup> Street. The subject properties will be developed as separate parcels (Parcels 1 and 2, as illustrated on the attached figure). Negherbon Lincoln Mercury ("Negherbon") is the current owner of the two properties.

Signature is working to redevelop the subject properties as part of a mixed-use project that generally encompasses the block bounded by Broadway, 24<sup>th</sup> Street, Valley Street, and 23<sup>rd</sup> Street (see attached figure). There is an existing warehouse building on the subject properties that is slated for demolition as part of the redevelopment plans. The southern portion of the warehouse is on Parcel 1. The northern portion of the warehouse is on Parcel 2. Parcel 1 will be redeveloped for retail, office, and parking uses. Parcel 2 will be redeveloped for urban

residential use (*i.e.*, apartments/condominiums with no exposed soil and a ground floor/at-grade parking garage).

Signature engaged EKI to conduct a Phase I Environmental Site Assessment (“ESA”) and perform Phase II soil and groundwater sampling. The Phase II work addresses each of the six Recognized Environmental Conditions identified in the Phase I ESA. The Phase I ESA and Phase II reports are enclosed.

### **EKI Findings**

The Phase II report separately summarizes the issues for Parcel 1 and Parcel 2 regarding chemicals of concern in soil and groundwater and provides recommendations regarding the resolution of these issues. The issues and recommendations are as follows:

#### **Parcel 1 (Planned for Retail, Office and Parking):**

- **Lead in Soils:** In 2003, T&R detected lead in shallow soils at location TR-6B at a concentration of 160 mg/kg at a depth of 3.5 feet below the ground surface (“bgs”) (Table 1 and Figure 3). CCR Solid Threshold Limit Concentration (“STLC”) testing of the sample indicated a concentration of 7.5 mg/L (above the STLC limit of 5 mg/L, meaning the soil would be classified as a California Hazardous Waste if excavated and transported). T&R also detected lead at a concentration of 11 mg/kg at location TR-4B in samples collected at 3.5 and 7 feet bgs, approximately 50 feet to the northwest of TR-6B (Table 1 and Figure 3). This concentration is well below any concentration of concern, suggesting potentially limited lead impacts. However, five of the eight soil samples collected by EKI on the Subject Properties had lead concentrations above 50 mg/kg (which indicates that the soils might have STLC concentrations above 5 mg/L – Table 1 and Figure 3). These data indicate relatively widespread, variable lead impacts in shallow soils that will require health and safety protocols and specified handling requirements during excavation or construction activities.
- **GW-5B/G-6 TPHG Area:** In 2003, T&R detected total petroleum hydrocarbons as gasoline (“TPHG”) in a grab groundwater sample collected at location GW-5B at a concentration of 4.5 mg/L (Table 1 and Figure 3). Methyl-tert-Butyl Ether (“MTBE” at 1.6 ug/L) and other volatile organic compounds (“VOCs” - chlorobenzene, isopropylbenzene, propylbenzene, tert-butylbenzene, sec-butylbenzene, and n-butylbenzene - Table 1) were also detected. EKI detected TPHG at a concentration of 35.9 mg/L in shallow groundwater at location G-6 (just to the south/southwest of location GW-5B – Figure 3). EKI observed a patch in the asphalt just to the north of location G-6. Boring G-10 was advanced by EKI within this patched area. The lithology at G-10 was consistent with that observed at G-6, suggesting that the area of asphalt patching was not a tank excavation. The organic vapor meter readings at G-10 were consistent with those observed at G-6 suggesting that there are TPHG impacts at this location similar to those at G-6. No groundwater sample was collected at G-10. No free phase product or

sheen was observed at either location. As indicated in Table 1, the TPHG concentrations detected in the GW-5B/G-6 area are at or above a potentially relevant screening goal for commercial use published by the California Environmental Protection Agency Department of Toxic Substances Control ("DTSC"). However, TPHG and other fuel-related VOCs were detected at concentrations below screening goals in samples collected at locations G-7 and G-8 down the hydraulic gradient (south/southwest) from the GW-5B/G-6 area (Figure 3). This suggests there is no widespread plume of TPHG at concentrations of concern related to the detections at GW-5B/G-6.

- Warehouse Drain Area: TPHG was detected in grab groundwater samples at locations G-3, G-4, and G-5 (Table 1 and Figure 3). These locations are all in the vicinity of a drain in a bay that is located in the building at the northern end of Parcel 1. Concrete in the vicinity of bay is etched. It appears that the bay and drain were utilized for cleaning of parts during the auto repair operations that were conducted in the warehouse building. The peak concentrations of TPHG detected were below screening goals. All samples were tested by EPA Method 8260B for volatile organic compounds ("VOCs") and chlorinated volatile organic compounds ("CVOCs"). No VOCs or CVOCs were detected in the grab groundwater samples in this area.

Parcel 2 (Planned for Podium, Urban Residential):

- Lead in Soils: The results of laboratory analyses indicate the presence of lead at concentrations up to 1,210 mg/kg in shallow fill soils at location G-2 below the warehouse building on Parcel 2 (Table 1 and Figure 3). Lead was detected at a concentration of 39 mg/kg at location G-1 in the warehouse building. As described above, five out of eight of the samples collected by EKI had lead concentrations above 50 mg/kg indicating relatively widespread impacts in shallow soils that may require special handling if excavation activities are undertaken.
- CVOCs in Shallow Groundwater: The results of laboratory analyses indicate the presence of trichloroethene ("TCE") at concentrations up to 13.6 ug/L; 1,1-dichloroethane (1,1-DCA") at concentrations up to 74 ug/L; and other chlorinated volatile organic compounds ("CVOCs") at lesser peak concentrations in shallow groundwater at locations G-1 and G-2 in the northern portion of Parcel 2 (Figure 3). These findings are consistent with the low concentrations of CVOCs detected in the offsite, upgradient T&R borings TR-205 and GW-1B to the west near 24<sup>th</sup> Street (Figure 3). These widespread, low-level CVOC impacts are consistent with indicate an offsite, upgradient source. CVOCs were also detected at low concentrations at several locations on the block both at the northern end (GW-1B and TR-205) and southern end (TR-104GW and TR-201). These results indicate that diffuse, low level concentrations of CVOCs are fairly widespread in the area, perhaps from the various car repair and metal working business that have operated in the neighborhood over the past fifty plus years.

- Former USTs: As described above, the former USTs on Parcel 2 were removed in 1991. Soil excavations were conducted. Based upon visual observations, impacted soils were left in place around foundations. A monitoring well was installed to investigate impacts to groundwater. Low concentrations of TPH and CVOCs were detected in samples collected from the well over five quarters. Based upon groundwater data from the monitoring well, the UST's were closed by the ACDEH in 1994.

### **EKI Conclusions and Recommendations**

EKI provided the following conclusions and recommendations for each parcel..

#### **Parcel 1 (Planned for Retail, Office and Parking):**

- Lead Impacted Soils: Lead impacted soils will require either removal and special handling and disposal in accordance with applicable laws, or land use controls if left in place. An Environmental Management Plan ("EMP") should be prepared for approval by ACDEH that describes the measures that should be undertaken to protect worker health and safety during any subsurface projects, appropriate measures for documenting findings regarding the presence/absence of impacts to soils, and measures to be undertaken for the proper handling and disposal of soils.
- GW-5B/G-6 TPHG Area: The low levels of TPHG detected in shallow groundwater in the vicinity of GW-5B and G-6 should not impact the proposed future use of this area for open air parking. No further investigations are recommended.
- Warehouse Drain Area: If construction is undertaken in the vicinity of the drain within the portion of the building on Parcel 1 where low levels of TPHG were detected, an EMP for worker health and safety and for proper handling and disposal of soils will be necessary.

#### **Parcel 2 (Planned for Podium, Urban Residential):**

- Lead Impacted Soils: Lead impacted soils will require either removal and disposal in accordance with applicable laws, or land use controls if left in place. An EMP should be prepared for approval by ACDEH that describes the measures that should be undertaken to protect worker health and safety during any subsurface projects, appropriate measures for documenting findings regarding the presence/absence of impacts to soils, and measures to be undertaken for the proper handling and disposal of soils should be prepared for approval by ACDEH describing measures to be undertaken for worker health and safety and for proper handling and disposal of soils.



Donna Drogos, P.E.  
ACDEH  
Negherbon Properties, Oakland, California  
20 April 2012  
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- CVOCs in Shallow Groundwater: The low levels of CVOCs detected in groundwater on the northern portion of Parcel 2 are likely the result of offsite, upgradient releases. No further investigations are recommended.

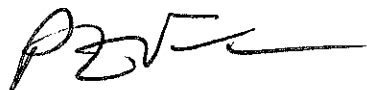
### **Conclusion and Request**

Signature requests that ACDEH, after review of the data and information submitted, provide a letter that grants closure regarding soil and groundwater contamination issues contingent upon submission and ACDEH approval of EMPs for addressing lead impacted soils and general procedures for environmental work during subsurface construction, as recommended by EKI. In addition, Signature will record deed restrictions for the Subject Properties with Alameda County to require the enforcement of ACDEH approved EMPs.

We are pleased to have the opportunity to work with you on this project. Please call if you have any questions or wish to discuss this report in greater detail.

Very truly yours,

Signature Development Group Inc.



Patrick VanNess

**SIGNATURE  
DEVELOPMENT  
GROUP**

April 20, 2012

Donna Drogos, P.E.  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

Subject: SLIC Case #RO0003095/Geotracker Global ID T10000003613  
Phase I ESA and Phase II Report  
Negherbon Property, 2315-2345 Broadway & 421 24<sup>th</sup> Street  
Oakland, California

Dear Ms. Drogos,

I am a legally authorized representative of Signature Development Group, Inc., and I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions, please contact me.

Regards,

Signature Development Group, Inc.



Patrick Van Ness  
Vice President

**ATTACHMENT**

Attachment A: Phase I Environmental Site Assessment Report  
Attachment B: Phase II Report

20 April 2012

Patrick Van Ness  
Signature Development Group Inc.  
2201 Broadway, Suite 640  
Oakland, California 94612

Subject: Results of Phase II Soil and Groundwater Sampling  
Negherbon Property - 2333 Broadway/421-24<sup>th</sup> Street  
Oakland, California  
(EKI B10088.00)

Dear Mr. Van Ness:

Erler & Kalinowski, Inc. (“EKI”) is pleased to present to Signature Development Group Inc. (“Signature” or “Client”), this report of Phase II soil and grab groundwater sampling activities conducted for property located at Broadway and 24<sup>th</sup> Street (“Subject Properties”; see Figure 1). The existing addresses of the Subject Properties are 2333 Broadway and 421 – 24<sup>th</sup> Street (Figure 2). The discussion of the Subject Properties presented in this report differentiates between Parcels 1 and 2, as illustrated on Figure 2. Negherbon Lincoln Mercury (“Negherbon”) is the current owner of the Subject Properties.

EKI understands Signature is evaluating the purchase and redevelopment of the Subject Properties as part of a mixed-use project that generally encompasses the block bounded by Broadway, 24<sup>th</sup> Street, Valley Street, and 23<sup>rd</sup> Street (Figure 2). There is an existing warehouse building on the Subject Properties. The southern portion of the warehouse is on Parcel 1. The northern portion of the building is on Parcel 2. Parcel 1 will be redeveloped for retail, office, and parking uses. Parcel 2 will be redeveloped for urban residential use (i.e., apartments/condominiums with no exposed soil and a ground floor parking garage). It is our understanding that the warehouse will be completely demolished as part of the redevelopment activities.

EKI prepared a Phase I Environmental Site Assessment Report (“EKI Phase I”), which is dated 20 April 2012. The following are the recognized environmental conditions (“RECs”) identified on the Subject Properties:

**Parcel 1:**

- Areas of floor surface staining or etching were observed by EKI near a drain in the portion of the warehouse building that is on Parcel 1 (Figure 2). The area where the drain is located is a bay in the warehouse. It appears that the bay may have been used for cleaning of parts and automobiles based on the locations of pipes and the presence of the drain in the area. The area of the drain and the bay have the potential for

impacts to soil and groundwater to have occurred due to discharges from the historic cleaning operations.

- The results of previous Phase II sampling on Parcel 1 (TR-6B, Figure 3) indicate the presence of lead at elevated concentrations in shallow fill soils at a location in the driveway.
- Total Petroleum Hydrocarbons (“TPH”) were detected in groundwater at elevated concentrations at a location in the center of the parking area (GW-5B, Figure 3). Additional investigations are recommended to further define the nature and extent of these impacts.

**Parcel 2:**

- Based upon observations in previous consultants’ reports, and on EKI observations in November 2011, bulk waste oil was stored in an above ground tank at the northwestern corner of the building, and hydraulic oil was used in lifts in the central and western portions of the building. EKI noted areas of oily staining of concrete and asphalt associated with the above ground waste oil tank and other former facilities (Figure 2) during a November 2011 walkthrough. Soil and groundwater investigations will be necessary to determine if these activities have resulted in impacts to soil or groundwater.
- A 1,000 gallon gasoline underground storage tank (“UST”) and a 500 gallon waste oil UST were removed from the northern portion of Parcel 2 in 1991 (see EKI Phase I for detailed discussion). According to the reports regarding the UST investigations, there may be areas of contaminated soil remaining beneath the building and the sidewalk in the vicinity of the former tanks. The concentrations of chemicals of concern are expected to be relatively low and the areas of impacts limited based upon the information contained in the reports. However, these issues will need to be addressed in an environmental risk management plan to be in place for any subsurface construction in this area.
- Grab groundwater sampling on Parcel 1, in connection with the former Parcel 2 USTs, and on adjacent properties has demonstrated the presence of TPH and chlorinated volatile organic compounds (“CVOCs”) in area groundwater. CVOCs in shallow groundwater are at low concentrations and are attributed to potential upgradient sources both in the UST investigations overseen by Alameda County Department of Environmental Health and in the Phase II investigations on adjacent properties. Additional investigations are necessary to determine if these impacts extend under the warehouse building that occupies Parcel 2.

The scope of work for this Phase II Soil and Groundwater Investigation consisted of tasks designed to further investigate each of the above RECs.

## **INVESTIGATIONS CONDUCTED BY EKI IN DECEMBER 2011**

The historical use and previous sampling on and around the Subject Properties is detailed in the EKI Phase I. That document identified six RECs for further evaluation as described above.

EKI conducted the following investigations on 21/22 December 2011 to evaluate the six RECs.

- Installed direct-push soil probes at 10 boring locations (Figure 2) to total depths of approximately 15 to 20 feet below the ground surface (“bgs”).
- Soil samples were collected from fill soils in the upper 2 to 3 feet of borings G-1 through G-8.
- Grab groundwater samples were collected through screened PVC over a depth interval that intersected the top of the standing water table in each borehole.
- Seven soils samples were analyzed for Lead using EPA Method 6010b
- Eight grab groundwater samples were analyzed for Volatile Organic Compounds (“VOCs”) using EPA Method 8260B and Total Petroleum Hydrocarbons as gasoline, diesel, and motor oil using EPA Method 8015b.

EKI’s conclusions regarding the Subject Properties incorporate this December 2011 data as well as reliable soil and groundwater data collected by others between 2003 and 2006.

### **Preparatory Activities**

Preparatory activities for the work included:

- Obtaining drilling permits for proposed borings and monitoring wells from the Alameda County Public Works Agency (“ACPWA” – copies of the permits are provided in Attachment A);
- Notifying Underground Services Alert (“USA”) at least 48-hours prior to groundbreaking activities;
- Investigating the presence of underground utilities using appropriate geophysical methods by a private utility locator; and
- Coordinating with the property owner for access to proposed drilling locations.

### **Drilling and Grab Groundwater Sampling at Boring Locations**

EKI subcontracted with Gregg Drilling to install direct-push soil probes at 10 boring locations (Figure 2) to total depths of approximately 15 to 20 feet below the ground surface (“bgs”). Soil

samples were collected from fill soils in the upper 2 to 3 feet of borings G-1 through G-8. Grab groundwater samples were collected through screened PVC over a depth interval that intersected the top of the standing water table in each borehole. All down hole pieces of boring and sampling equipment were decontaminated between locations and prior to collection of each sample. Borings were grouted in accordance with the ACPWA permit. A copy of EKI standard sampling procedures is included in Attachment B.

An EKI field representative observed and documented the drilling and environmental sampling under the supervision of a California Professional Geologist and performed handling of groundwater samples selected for chemical analysis by EKI. Copies of field notes and boring logs are included in Attachment C. Groundwater samples were delivered under chain-of-custody procedures for analysis by a state certified analytical laboratory – Kprime located in Santa Rosa, California.

Investigation derived wastes (“IDWs”) were placed in Department of Transportation (“DOT”) approved containers with proper labels at a location determined by the property owner. IDWs will be disposed off-site by Signature Development Group in accordance with applicable state and federal laws.

### **Laboratory Analysis of Soil and Groundwater Samples**

Selected soil samples were analyzed for:

- Lead using EPA Method 6010b

Selected grab groundwater samples were analyzed for:

- Volatile organic compounds (“VOCs”) using EPA Method 8260B
- Total Petroleum Hydrocarbons as gasoline, diesel, and motor oil using EPA Method 8015b.

All samples were analyzed by Kprime. A copy of the lab reports and chain-of-custody documents is provided in Attachment D.

## RESULTS OF INVESTIGATIONS

The results of the EKI and previous investigations on the Subject Properties are described in detail below.

### Parcel 1:

- **Lead in Soils:** In 2003, T&R detected lead in shallow soils at location TR-6B at a concentration of 160 mg/kg at a depth of 3.5 feet below the ground surface (“bgs”) (Table 1 and Figure 3). CCR Solid Threshold Limit Concentration (“STLC”) testing of the sample indicated a concentration of 7.5 mg/L (above the STLC limit of 5 mg/L, meaning the soil would be classified as a California Hazardous Waste if excavated and transported). T&R also detected lead at a concentration of 11 mg/kg at location TR-4B in samples collected at 3.5 and 7 feet bgs, approximately 50 feet to the northwest of TR-6B (Table 1 and Figure 3). This concentration is well below any concentration of concern, suggesting potentially limited lead impacts. However, five of the eight soil samples collected by EKI on the Subject Properties had lead concentrations above 50 mg/kg (which indicates that the soils might have STLC concentrations above 5 mg/L – Table 1 and Figure 3). These data indicate relatively widespread, variable lead impacts in shallow soils that will require health and safety protocols and specified handling requirements during excavation or construction activities.
- **GW-5B/G-6 TPHG Area:** In 2003, T&R detected total petroleum hydrocarbons as gasoline (“TPHG”) in a grab groundwater sample collected at location GW-5B at a concentration of 4.5 mg/L (Table 1 and Figure 3). Methyl-tert-Butyl Ether (“MTBE” at 1.6 ug/L) and other volatile organic compounds (“VOCs” - chlorobenzene, isopropylbenzene, propylbenzene, tert-butylbenzene, sec-butylbenzene, and n-butylbenzene - Table 1) were also detected. EKI detected TPHG at a concentration of 35.9 mg/L in shallow groundwater at location G-6 (just to the south/southwest of location GW-5B – Figure 3). EKI observed a patch in the asphalt just to the north of location G-6. Boring G-10 was advanced by EKI within this patched area. The lithology at G-10 was consistent with that observed at G-6, suggesting that the area of asphalt patching was not a tank excavation. The organic vapor meter readings at G-10 were consistent with those observed at G-6 suggesting that there are TPHG impacts at this locations similar to those at G-6. No groundwater sample was collected at G-10. No free phase product or sheen was observed at either location. As indicated in Table 1, the TPHG concentrations detected in the GW-5B/G-6 area are at or above a potentially relevant screening goal for commercial use published by the California Environmental Protection Agency Department of Toxic Substances Control (“DTSC”). However, TPHG and other fuel-related VOCs were detected at concentrations below screening goals in samples collected at locations G-7 and G-8 down the hydraulic gradient (south/southwest) from the GW-5B/G-6 area (Figure 3). This suggests there is no widespread plume of TPHG at concentrations of concern related to the detections at GW-5B/G-6.

- Warehouse Drain Area: TPHG was detected in grab groundwater samples at locations G-3, G-4, and G-5 (Table 1 and Figure 3). These locations are all in the vicinity of a drain in a bay that is located in the building at the northern end of Parcel 1. Concrete in the vicinity of bay is etched. It appears that the bay and drain were utilized for cleaning of parts during the auto repair operations that were conducted in the warehouse building. The peak concentrations of TPHG detected were below screening goals. All samples were tested by EPA Method 8260B for volatile organic compounds (“VOCs”) and chlorinated volatile organic compounds (“CVOCs”). No VOCs or CVOCs were detected in the grab groundwater samples in this area.

### **Parcel 2:**

- Lead in Soils: The results of laboratory analyses indicate the presence of lead at concentrations up to 1,210 mg/kg in shallow fill soils at location G-2 below the warehouse building on Parcel 2 (Table 1 and Figure 3). Lead was detected at a concentration of 39 mg/kg at location G-1 in the warehouse building. As described above, five out of eight of the samples collected by EKI had lead concentrations above 50 mg/kg indicating relatively widespread impacts in shallow soils that may require special handling if excavation activities are undertaken.
- CVOCs in Shallow Groundwater: The results of laboratory analyses indicate the presence of trichloroethene (“TCE”) at concentrations up to 13.6 ug/L; 1,1-dichloroethane (1,1-DCA”) at concentrations up to 74 ug/L; and other chlorinated volatile organic compounds (“CVOCs”) at lesser peak concentrations in shallow groundwater at locations G-1 and G-2 in the northern portion of Parcel 2 (Figure 3). These findings are consistent with the low concentrations of CVOCs detected in the upgradient T&R borings TR-205 and GW-1B to the west near 24<sup>th</sup> Street (Figure 3). These widespread, low-level CVOC impacts indicate an offsite, upgradient source. CVOCs were also detected at low concentrations at several locations on the block both at the northern end (GW-1B and TR-205) and southern end (TR-104GW and TR-201). These results indicate that diffuse, low level concentrations of CVOCs are fairly widespread in the area.
- Former USTs: As described above, the former USTs on Parcel 2 were removed in 1991. Soil excavations were conducted. Based upon visual observations, impacted soils were left in place around foundations. A monitoring well was installed to investigate impacts to groundwater. Low concentrations of TPH and CVOCs were detected in samples collected from the well over five quarters. Based upon groundwater data from the monitoring well, the UST’s were closed by the ACDEH in 1994.



## **Conclusions and Recommendations**

The following conclusions and recommendations for each parcel are made based on the historical site use information and soil and groundwater sampling results available for the Subject Properties.

### **Parcel 1 (Planned for Retail, Office and Parking):**

- Lead Impacted Soils: Lead impacted soils will require either removal and disposal in accordance with applicable laws, or land use controls if left in place. An Environmental Management Plan (“EMP”) should be prepared for approval by ACDEH that describes the measures that should be undertaken to protect worker health and safety during any subsurface projects, appropriate measures for documenting findings regarding the presence/absence of impacts to soils, and measures to be undertaken for the proper handling and disposal of soils.
- GW-5B/G-6 TPHG Area: The low levels of TPHG detected in shallow groundwater in the vicinity of GW-5B and G-6 should not impact the proposed future use of this area for open air parking. No further investigations are recommended.
- Warehouse Drain Area: If construction is undertaken in the vicinity of the drain within the portion of the building on Parcel 1 where low levels of TPHG were detected, an EMP for worker health and safety and for proper handling and disposal of soils will be necessary.

### **Parcel 2 (Planned for Podium, Urban Residential):**

- Lead Impacted Soils: Lead impacted soils will require either removal and disposal in accordance with applicable laws, or land use controls if left in place. An EMP should be prepared for approval by ACDEH that describes the measures that should be undertaken to protect worker health and safety during any subsurface projects, appropriate measures for documenting findings regarding the presence/absence of impacts to soils, and measures to be undertaken for the proper handling and disposal of soils..
- CVOCs in Shallow Groundwater: The low levels of CVOCs detected in groundwater on the northern portion of Parcel 2 are likely the result of offsite, upgradient releases. No further investigations are recommended.

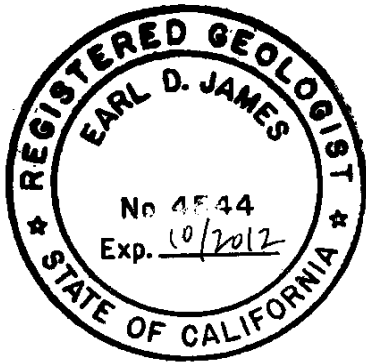
We are pleased to have the opportunity to work with you on this project. Please call if you have any questions or wish to discuss this report in greater detail.

Very truly yours,

ERLER & KALINOWSKI, INC.



Earl James, P.G.  
Professional Geologist #4544  
Vice President



ATTACHMENTS:

Table 1 – Summary of Phase II Soil and Grab Groundwater Analytical Results

Figure 1 – Site Location Map

Figure 2 – Sample Locations

Figure 3 – Selected Soil and Groundwater Data

Attachment A – ACPWA Permits

Attachment B – EKI Sampling Procedures

Attachment C – EKI Field Notes and Boring Logs

Attachment D – Kprime Laboratory Analytical Reports

**TABLE 1**  
**SUMMARY OF PHASE II SOIL AND GRAB GROUNDWATER ANALYTICAL RESULTS**  
 Signature Development Group, Oakland, California

Location	Sample Date	Soil Samples (a)		Grab Groundwater Samples (b)														
				Detected VOCs (ug/L)												TPH (ug/L)		
		Soil Sample Depth (ft bgs)	Total Lead (mg/kg) (dry weight basis)	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethane	1,1,2-Trichloroethane	Chlorobenzene	Tert-butylbenzene	Sec-butylbenzene	N-Butylbenzene	Isopropylbenzene	Other VOCs	TPH-Gas	TPH-Diesel	TPH-Motor Oil
G-1	12/21/11	2.0	38.9	2.81	17.7	3.22	1.82	74.1	1.81	<0.5	<0.5	<0.5	<0.5	<0.5	(c)	<500	<60	<60
G-2	12/21/11	1.0	1210	3.01	10.3	2.1	1.32	46.8	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	(d)	62	<60	<60
G-3	12/21/11	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	2.22	15.5	6.85	4.39	(e)	1,130	1,530	840
G-4	12/21/11	1.0	193	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.01	<1.0	2.91	<1.0	<1.0	ND	593	<70	<70
G-5	12/21/11	4.0	33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.46	<0.5	<0.5	<0.5	<0.5	ND	259	<70	<70
G-6	12/21/11	3.0	215	<20	<20	<20	<20	<20	<20	<20	<20	44.9	81.9	51.7	ND	35,900	10,200	2,540
G-7	12/22/11	2.0	119	<1.0	<1.0	<1.0	<1.0	<1.0	6.25	1.22	5.19	9.66	4.15	1.65	ND	1,800	613	<60
G-8	12/22/11	4.0	76.9	13.6	15	1.68	1.6	42.2	2.84	1.44	1.75	0.83	<0.5	<0.5	(f)	1,400	<60	<70
TR-5B / GW-5B (g)	6/2/03	3.5	32	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1	4.4	16	11	0.7	--	4,500	--	--
<b>Screening Level (h)</b>		--	<b>260 (i)</b>	<b>530</b>	<b>6,300</b>	<b>6,200</b>	<b>6,700</b>	<b>1,000</b>	<b>350</b>	--	--	--	--	--	--	<b>4,500 (j)</b>	<b>4,500 (j)</b>	<b>4,500 (j)</b>

**Abbreviations:**

"--" = not analyzed

<0.5 = Not detected above the stated laboratory reporting limit

ft bgs = feet below ground surface

VOCs = Volatile Organic Compounds

mg/kg = milligrams per kilogram

ug/L = micrograms per liter

ND = Not detected above laboratory reporting limits

**Notes:**

(a) Selected soil samples were analyzed for total lead using EPA Method 6020A by K-Prime, Inc., Santa Rosa, California.

(b) Grab groundwater samples were analyzed by K-Prime, Inc., Santa Rosa, California, as follows:

VOCs using EPA Method 8260B

TPH as Gasoline Range Organics, Diesel Range Organics, and Heavy Range Organics using EPA Method 8015 (modified)

(c) Other VOCs detected at location G-1: 1,2-Dichloroethane at 2.0 ug/L.

(d) Other VOCs detected at location G-2: 1,2-Dichloroethane at 2.56 ug/L.

(e) Other VOCs detected at location G-3: 1,3-Dichlorobenzene at 18.8 ug/L and 1,4-Dichlorobenzene at 21.4 ug/L.

(f) Other VOCs detected at location G-8: 1,2-Dichloroethane at 0.86 ug/L and 1,1,1-Trichloroethane at 0.63 ug/L.

(g) Grab groundwater data from Treadwell & Rollo's *Phase II Environmental Site Assessment, Negherbon Mixed-Use Project, 24th Street and West Grand Ave*, Oakland, California, dated 4 December 2003.

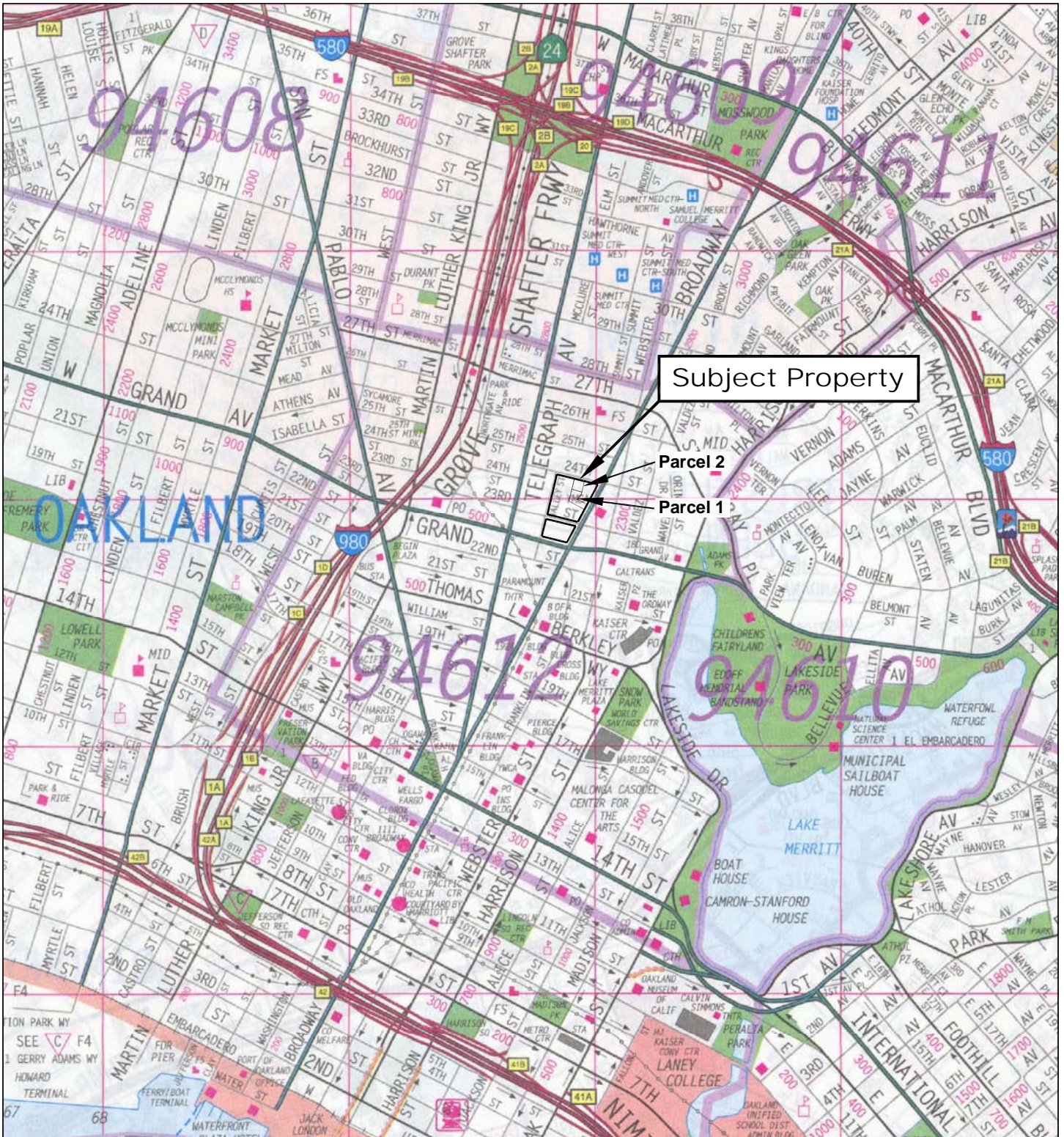
(h) RWQCB ESL - California Regional Water Quality Control Board Environmental Screening Level for Groundwater for Evaluation of Potential Vapor Intrusion Concerns (volatile chemicals only) (ESL Table E-1) (RWQCB, 2008).

**TABLE 1**  
**SUMMARY OF PHASE II SOIL AND GRAB GROUNDWATER ANALYTICAL RESULTS**

Signature Development Group, Oakland, California

- (i) RWQCB ESL - California Regional Water Quality Control Board Environmental Screening Level for Shallow Soil (Residential Land Use) where potentially impacted groundwater is a current or potential drinking water resource (ESL Table A-1) (RWQCB, 2008).
- (j) *Interim Guidance, Evaluating Human Health Risks from Total Petroleum Hydrocarbons (TPH)*, Human and Ecological Risk Division, California Department of Toxic Substances Control, June 16, 2009.





**Notes:**

1. All locations are approximate.
2. Basemap source: The Thomas Guide Bay Area Metro Street Map, 2007.

**Erler & Kalinowski, Inc.**

Site Location Map

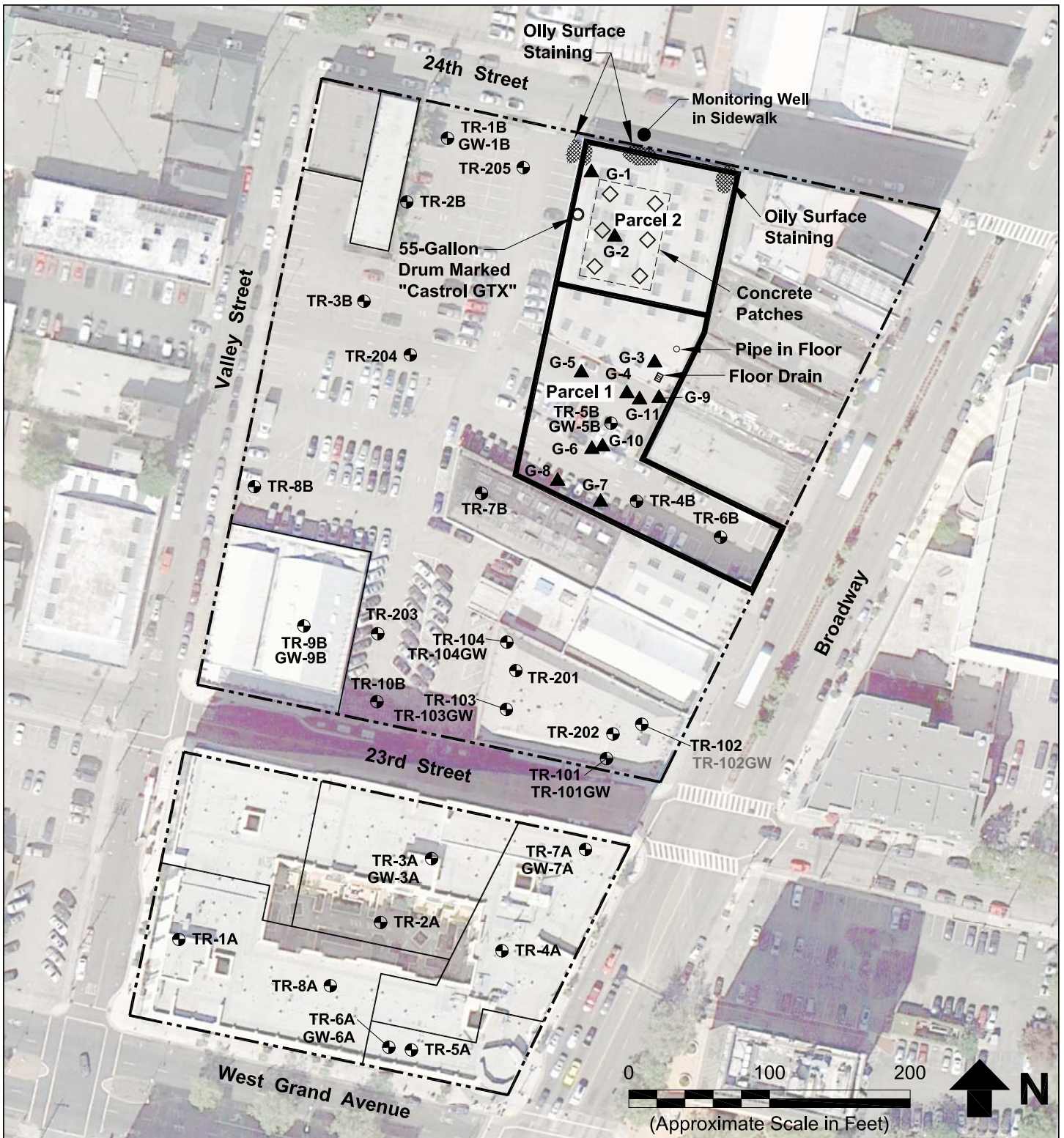
Signature Development Group Inc.  
Oakland, CA

April 2012  
EKI B10088.00

Figure 1







**Legend:**

- Subject Property
- Approximate Boundary of Parcle A/B
- TR-5B  
GW5B — Approximate Location of Environmental Boring Performed by Treadwell & Rollo, Inc., June 2003
- Denotes Groundwater Sample Collected
- G-9 EKI Soil and/or Groundwater Sampling Location

**Notes:**

1. All locations are approximate.
2. Basemap source: Google Earth Pro, date of imagery 1 October 2011.
3. Observations by EKI during walk through, December 2012.

**Erler & Kalinowski, Inc.**

**Sample Locations**

Signature Development Group Inc.  
Oakland, CA

April 2012  
EKI B10088.00

**Figure 2**



GW-1B (2003)	µg/L
TCE	1.2
1-1 DCA	7.3
TPHg	<50
MTBE	<0.5

TR-205 (2006)	µg/L
TCE	3.1
1-1 DCA	8.8
TPHg	<50
MTBE	<0.5

G-1 (2011)	µg/L
TCE	2.81
1-1 DCA	74.1
TPHg	<500
Lead (mg/kg)	38.9

G-2 (2011)	µg/L
TCE	3.01
1-1 DCA	46.8
TPHg	62
Lead (mg/kg)	1,210

G-5 (2011)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	259
Lead (mg/kg)	33

G-4 (2011)	µg/L
TCE	<1.0
1-1 DCA	<1.0
TPHg	593
Lead (mg/kg)	193

G-3 (2011)	µg/L
TCE	<1.0
1-1 DCA	<1.0
TPHg	1,130
Lead (mg/kg)	--

TR-204 (2006)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	<50
MTBE	<0.5

G-6 (2011)	µg/L
TCE	<20
1-1 DCA	<20
TPHg	35,900
Lead (mg/kg)	215

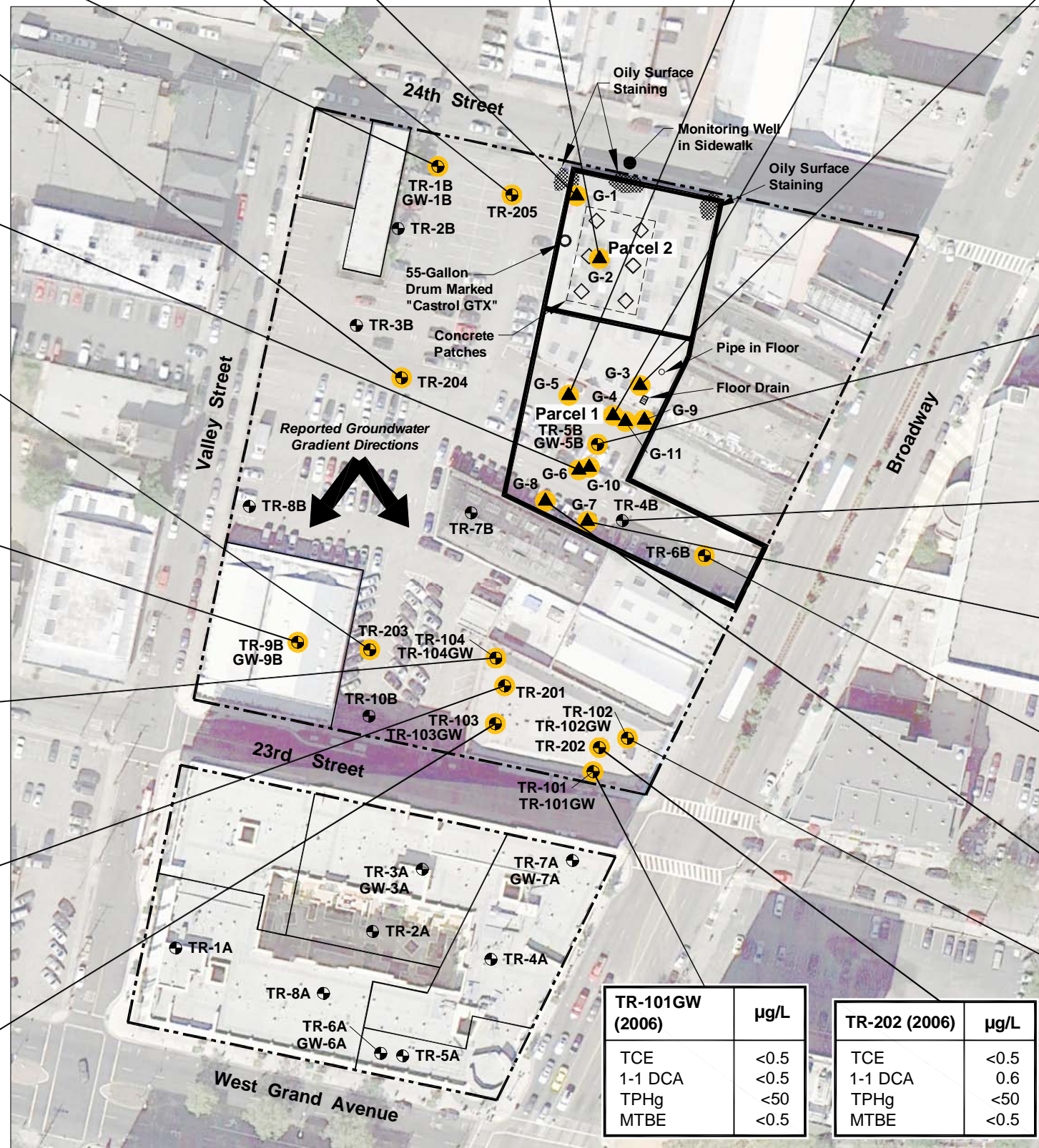
TR-203 (2006)	µg/L
TCA	34
1-1 DCE	7
TPHg	<50
MTBE	<0.5

GW-9B (2003)	µg/L
TCA	<0.5
1-1 DCE	<0.5
TPHg	<50
MTBE	<0.5

TR-104GW (2006)	µg/L
TCE	3.5
1-1 DCA	39
TPHg	<50
MTBE	0.5

TR-201 (2006)	µg/L
TCE	3.8
1-1 DCA	46
TPHg	<0.5
MTBE	<0.5

TR-103GW (2006)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	<50
MTBE	<0.5



GW-5B (2003)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	4,500
MTBE	1.6

TR-4B-3.5/7.5 (2003)	µg/L
Lead	11/11

G-7 (2011)	µg/L
TCE	<1.0
1-1 DCA	<1.0
TPHg	1,800
Lead (mg/kg)	119

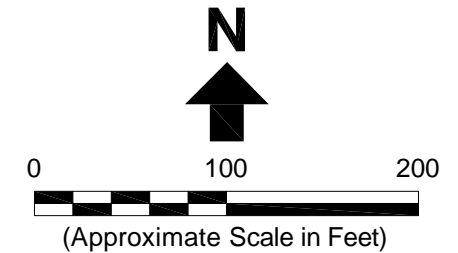
TR-6B-3.5 (2003)	µg/L
Lead	160

G-8 (2011)	µg/L
TCE	13.6
1-1 DCA	42.2
TPHg	1,400
Lead (mg/kg)	76.9

TR-101GW (2006)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	<50
MTBE	<0.5

TR-202 (2006)	µg/L
TCE	<0.5
1-1 DCA	0.6
TPHg	<50
MTBE	<0.5

TR-102GW (2006)	µg/L
TCE	<0.5
1-1 DCA	<0.5
TPHg	<50
MTBE	<0.5



- Legend:**
- Subject Property
  - - - - - Approximate Boundary of Parcel A/B
  - ⊕ TR-5B — Approximate Location of Environmental Boring Performed by Treadwell & Rollo, Inc., June 2003
  - ⊕ GW-5B — Denotes Groundwater Sample Collected
  - ▲ G-3 — EKI Soil and/or Groundwater Sampling Location

- Abbreviations:**
- µg/L = micrograms per liter (groundwater)
  - mg/kg = milligrams per kilogram (soil)
  - TCE = trichloroethene
  - 1-1 DCA = 1,1-dichloroethane
  - TPHg = total petroleum hydrocarbons as gasoline
  - MTBE = methyl tertiary butyl ether

- Notes:**
1. All locations are approximate.
  2. Basemap source: Google Earth Pro, date of imagery 1 October 2011.

# Erler & Kalinowski, Inc.

## Selected Soil and Groundwater Data

Signature Development Group Inc.  
Oakland, CA  
April 2012  
EKI B10088.00

Figure 3

G:\B10088\001\2012-04\erl used\_Figure 7.dwg 4-11-12

**Attachment A**

**ACPWA Drilling Permits**



# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 12/14/2011 By jamesy

Permit Numbers: W2011-0762  
Permits Valid from 12/21/2011 to 12/22/2011

Application Id: 1323894095967  
Site Location: 421 24th Street  
Project Start Date: 12/21/2011  
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site:Oakland

Completion Date:12/22/2011

Applicant: Erler & Kalinowski, Inc - Logan Hansen  
1870 Ogden Drive, Burlingame, CA 94010  
Property Owner: Alan Hyden Sgnature Development Group  
2201 Broadway, Suite 640, Oakland, CA 94612  
Client: \*\* same as Property Owner \*\*  
Contact: Logan Hansen

Phone: 650-292-9100 x359

Phone: --

Phone: 650-292-9100 x359  
Cell: 650-207-6185

Receipt Number: WR2011-0372 Total Due: \$265.00  
Payer Name : Logan O Hansen Total Amount Paid: \$265.00  
Paid By: VISA PAID IN FULL

## Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 6 Boreholes  
Driller: Gregg Drilling & Testing - Lic #: 485165 - Method: DP

Work Total: \$265.00

### Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0762	12/14/2011	03/20/2012	6	2.50 in.	20.00 ft

### Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

## **Alameda County Public Works Agency - Water Resources Well Permit**

5. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to [stevem@acpwa.org](mailto:stevem@acpwa.org) at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
  6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
  7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
-

## **hansen, logan**

---

**From:** wells@acpwa.org  
**Sent:** December 14, 2011 14:53  
**To:** hansen, logan  
**Cc:** hansen, logan  
**Subject:** Alameda County Well Permit Approval Notification  
**Attachments:** 1323894095967.pdf

**Follow Up Flag:** Follow up  
**Due By:** December 16, 2011 9:00  
**Flag Status:** Flagged

Thank you for your Online Request for Wells Permits.  
Your Application Id is: 1323894095967  
Application submitted on: 12/14/2011  
Project Site City/Location: Oakland / 421 24th Street  
**Project Start Date:** 12/21/2011 **Completion Date:** 12/22/2011

Your Permit Application has been approved.  
Permit Number(s) Issued: W2011-0762 Valid from 12/21/2011 to 12/22/2011

### **Inspection is REQUIRED.**

To avoid possible delay of your project, you must contact your assigned inspector, [Steve Miller](#) at [stevem@acpwa.org](mailto:stevem@acpwa.org) or (510) 670-5517, no later than 5 days before the Project Start Date listed on your permit to schedule your inspection.

The attached PDF file serves as your receipt and permit(s), please print for your record.  
Note: You need to have the free [Adobe Reader](#) to open the pdf file.

Conditions of Permit:  
Please follow instructions stated on our website.  
In addition, you must comply with all specific conditions listed in your permit.

If you need further assistance regarding your permit, please visit our website at: <http://www.acgov.org/pwa/wells/> or contact us at [wells@acpwa.org](mailto:wells@acpwa.org), and include your application id number.

Thank you,  
Public Works Agency-Water Resources

**Attachment B**

EKI Sampling Procedures

## APPENDIX C

### **Field Methods and Procedures for Soil Boring Installation and Grab Groundwater Sampling**

Negherbon Property - 2333 Broadway/421-24th Street  
Oakland, California

The field methods and procedures described herein are descriptions of environmental sampling protocols employed by EKI and/or its subcontractors during the field investigation performed in December 2011. The methods described below are for environmental characterization purposes only.

#### **1. Preparation for Fieldwork**

Prior to performing the field work, EKI obtained a drilling permit from Alameda County Public Works Agency (ACPWA). A copy of the permit is included as Attachment A. Prior to drilling, EKI marked the locations in the field and notified Underground Services Alert (“USA”) at least 48 hours in advance of such work. EKI also retained a private utility locating company to clear each drilling location for underground utilities.

#### **2. Drilling and Soil Sampling**

Gregg Drilling used a truck-mounted Geoprobe rig to drill the 11 boreholes at the Site for EKI. Boreholes were stratigraphically logged by a Professional Geologist using the Unified Soil Classification System. Soil color was described according to the Munsell Soil Color system. Borehole logs are included as Attachment B. Boreholes G-10 and G-11 were not logged because these boreholes were step-out locations located within 10 feet of other boreholes. During logging, the soil core was screened with a hand-held organic vapor meter (“OVM”) for the presence of volatile organic compounds. Samples retained for chemical analysis by the laboratory were placed directly into laboratory-supplied containers, labeled with a unique sample identification number and the date and time of collection. The soil samples packed on ice in an insulated cooler and transported by courier to the analytical lab under chain-of-custody protocol.

#### **3. Grab Groundwater Sampling**

Grab groundwater samples were collected from select boreholes after logging. The drilling rods were pulled up approximately two feet and grab groundwater samples were collected by lowering a new, disposable bailer through the drilling rods. Groundwater was transferred directly from the bailer into laboratory-supplied bottles. Each sample bottle was labeled with a unique sample identification number and the date and time of collection. The bottles were sealed in zip-closure plastic bags, packed on ice in an insulated cooler, and transported by courier to the analytical lab under chain-of-custody protocol.

#### **4. Site Restoration**

In accordance with the permit obtained from ACPWA, each borehole was grouted to the surface with neat cement grout under the oversight of ACPWA staff.

**Attachment C**

EKI Field Notes and Boring Logs

**Borehole & Well Construction Log**



BOREHOLE LOCATION <b>421 24th St., Oakland, CA</b>		DRILLER / HELPER <b>Jesse / Chris</b>		Borehole/Well ID: <b>G-1</b>	
DRILLING COMPANY <b>Greco Drilling</b>		BOREHOLE DIAMETER <b>~3"</b>		Project: <b>Signature</b>	
DRILLING METHOD(S) <b>Direct-push Geoprobe</b>				Project Number: <b>B10088-00</b>	
ISOLATION CASING -		FROM	TO	FT. ELEVATION AND DATUM	TOTAL DEPTH <b>16 ft</b>
BLANK CASING -		FROM	TO	FT. DATE STARTED <b>21 Dec 2011</b>	DATE COMPLETED
PERFORATED CASING -		FROM	TO	FT. GROUNDWATER DEPTH <b>~11.5 ft</b>	
SIZE & TYPE OF FILTER PACK -		FROM	TO	FT. LOGGED BY <b>J. Shaw</b>	
SEAL -		FROM	TO	FT. SAMPLING METHODS	WELL COMPLETION
GROUT <b>neat cement</b>		FROM	TO	FT.	<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)							
				0				CL		3" concrete
			1.9	1				CL	104R 3/2	chy w/sand; v. dk grey brown; 10% f-m sand; mod hard, stiff, moist
			2.3	2				CL	104R 4/2	Sandy clay; dk grey brn; 30%+ sand; mod soft, moist
	HA		2.7	3				CL		clay; v. dk grey brn; grey mott comn; hard stiff, moist
			0.6	4						
			0.8	5						
	2.1		Ø	6						@ 6.0 ft: frags vit. chy pipe, not wet.
			Ø	7					104R 4/2	@ 7.0 ft: color chg to dk grey brn.
			Ø	8						
			Ø	9						
	3.6		Ø	10					1044/1	@ 9.5 ft: color chg to grey (dk green grey)
			Ø	11						
			Ø	12						
			Ø	13						
	3.8		Ø	14					104R 4/3	@ 13 ft: color chg to brown; FeOx motts mod strong, common.
			Ø	15						
			Ø	16						
				17						
				18						
				19						
				20						

(tagged) → 1601

TD 1535



**Borehole & Well Construction Log**



BOREHOLE LOCATION <i>421 24th St, Oakland, CA</i>		Borehole/Well ID: <i>6-2</i>	
DRILLING COMPANY <i>Gregg Drilling</i>		DRILLER / HELPER <i>Jesse / Chris</i>	
DRILLING METHOD(S) <i>Direct - Push Geoprobe</i>		Project: <i>Signature</i>	
ISOLATION CASING		Project Number: <i>310098.00</i>	
BLANK CASING		FROM	TO
PERFORATED CASING		FROM	TO
SIZE & TYPE OF FILTER PACK		FROM	TO
SEAL		FROM	TO
GROUT <i>neat portland cement</i>		FROM	TO
		FT. ELEVATION AND DATUM	TOTAL DEPTH
		DATE STARTED	DATE COMPLETED
		FT. GROUNDWATER DEPTH	
		LOGGED BY	
		SAMPLING METHODS	WELL COMPLETION
			( ) SURFACE HOUSING
			( ) STANDPIPE _____ FT.

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OMV Reading (ppmV)							
			0.4	0						3" concrete
			0.5	1			SP			104R3/2 Sand; v. dk grey-brn; loose; brick frags comm; dry
			0.5	2			CL			104R4/4 Sandy clay; 30% f sand; black mott comm; sl. moist
			0.4	3			SP			104R3/3 mod hard; dk yell-brn
			0.4	4						104R2/2 Sand; dk brn; loose; m. clay; v. dk brn; 5% f-c
			0.1	5						Sand, stiff, hard, moist.
	1.7		0.0	6						
			0	7						
			0	8						
			0	9						
	4.0		0	10						104R4/3 @ 9 ft: 6-in interval w/15% cse sand; minor calcs on grains; color chg to brown
			0.3	11						104R4/1 @ 11 ft: color chg to grey dk green-grey
			1.9	12						
			0.4	13	(core wet on tx) →					@ 13 ft: core is wet on tx; moist overall
	2.8		0.4	14						
			0.7	15						
			-	16	Wait on GW 1340					
			0	17						104R4/5 Clayey sand; brown; 15% clay; grey/brn mott comm; soft, moist to wet.
	3.8		0	18			SC			
			0.2	19						
			0.1	20	Wait on GW 1355		CL			Clay, brn; moist, stiff
							TD			1340

**Borehole & Well Construction Log**



BOREHOLE LOCATION <i>421 24<sup>th</sup> St. Oakland, CA</i>		Borehole/Well ID: <i>G-3</i>	
DRILLING COMPANY <i>Gregg Drilling</i>		DRILLER / HELPER <i>Jesse / Chris</i>	
DRILLING METHOD(S) <i>Hand-Auger</i>		BOREHOLE DIAMETER <i>3 1/2"</i>	
ISOLATION CASING		FROM	TO
BLANK CASING		FROM	TO
PERFORATED CASING		FROM	TO
SIZE & TYPE OF FILTER PACK		FROM	TO
SEAL		FROM	TO
GROUT <i>neat portland cement</i>		FROM	TO
		FT.	FT.
		ELEVATION AND DATUM	
		TOTAL DEPTH <i>15 ft</i>	
		DATE STARTED <i>21 Dec 2011</i>	
		DATE COMPLETED	
		GROUNDWATER DEPTH <i>~11 ft bgs</i>	
		LOGGED BY <i>J. Shaw</i>	
		SAMPLING METHODS	
		WELL COMPLETION	
		<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.	

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)							
				0				CL		4" concrete
			1.2	1				10YR3/2		Sandy clay; v. dk. grey brown; 30% f.c. sand; black/grey mottled congl; mod soft; moist.
			22.7	2				SM		
			39.2	3				10YR3/2		Sand w/silt; v. dk grey-brn; base; well-sort.; moist. odor, 10% silt
			57.9	4				CL		Clay w/sand; black; 10% f.c. sand; mod soft, moist
			50.9	5						
			17.2	6				10YR3/2		@ 6 ft; color chg to v. dk. grey-brn
			7.9	7						
			118.2	8				CL		Sandy clay; dk green-grey; 40% f sand, well-sort; 10% silt; soft; moist; odor.
			73.6	9						
			69.1	10						
			12.7	11	(trapped) →	▽				@ 10.5 ft: incr moisture; core softer.
			-	12						
			4.5	13				CL		Clay; brown; stiff; 15% m-c sand; aug; FeOx mott congl; mod strong; moist.
			4.2	14						
			2.7	15						
				16						
				17						
				18						
				19						
				20						
										TD

**Borehole & Well Construction Log**



BOREHOLE LOCATION 421 24th St., Oakland, CA		Borehole/Well ID: G-4	
DRILLING COMPANY Gregg Drilling		DRILLER / HELPER Jesse/Chris	
DRILLING METHOD(S) Direct-Push Geoprobe		Project: Signature	
ISOLATION CASING		Project Number: B10088.00	
BLANK CASING		Borehole Diameter: ~3"	
PERFORATED CASING		FT. ELEVATION AND DATUM	
SIZE & TYPE OF FILTER PACK		TOTAL DEPTH 70	
SEAL		DATE STARTED 21 Dec 2011	
GROUT neat portland cement		DATE COMPLETED →	
		FT. GROUNDWATER DEPTH ~16 ft	
		LOGGED BY J. Shaw	
		SAMPLING METHODS	
		WELL COMPLETION	
		<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.	

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)							
HA	2.8	1110	0	0			CL			Asphalt 3" Basereck 6"
			0	1			CL	104R3/2		Sandy clay; v. dk grey-brn 30% f.c sand; 5% m gm; mod. hard; moist
			0	2			CL	104R5/4		@ 2 ft bgs: color chg to yell-brn.
			0	3			SM			Sand w/silt; dk brn; 10% silt; loose; moist.
			0	4			CL			
			0	5			CL			
			0	6			CL	104R3/2		Clay w/sand; v. dk. grey brn, 10% sand; stiff; moist; intvl w/ 15% f gravel; CaCO <sub>3</sub> on clasts 6-7ft bgs.
			0.4	7						
			0.1	8						
			0.8	9						
			3.8	10						
			33.0	11						
			14.7	12						
			9.1	13						@ 13.5 ft: slight incr sand; softer
			0.3	14						
			0	15						
			0	16						@ 15.5 ft color chg to brn.
			0.4	17						
			0	18						
			0	19						
			0	20						

TD 1155  
Wait on GW  
(Based on wet core)

TD 1230

**Borehole & Well Construction Log**



BOREHOLE LOCATION 421 24th St. Oakland, CA		Borehole/Well ID: G-5	
DRILLING COMPANY Gregg Drilling	DRILLER / HELPER Jesse/Chris	Project: Signature	
DRILLING METHOD(S) Direct-Push Geoprobe	BOREHOLE DIAMETER ~3"	Project Number: 510078.00	
ISOLATION CASING	FROM - TO -	FT. ELEVATION AND DATUM	TOTAL DEPTH 20 ft
BLANK CASING	FROM - TO -	FT. DATE STARTED 21 Dec 2011	DATE COMPLETED
PERFORATED CASING	FROM - TO -	FT. GROUNDWATER DEPTH ~13 ft	
SIZE & TYPE OF FILTER PACK	FROM - TO -	FT. LOGGED BY J. Shew	
SEAL	FROM - TO -	FT. SAMPLING METHODS	WELL COMPLETION
GROUT neat portland cement	FROM 0 TO 20	FT.	<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OMV Reading (ppmV)							
HA				0						Asphalt 3" Basereck 6"
				1			CL			104R 5/4 Sandy clay; yell-brn; 20% f-c sand; motts (CaCO3?) comm, mod hard, moist.
				2						
				3						
				4			SM			104R 3/3 Sand w/silt; dk brn; 10% Silt; loose, moist
				5			F N CL			104R 3/2 clay; v. dk. grey brn; 10% m-c sand; mod hard; moist.
	3			6						
				7						
				8						
				9						104S/1 @ 9 ft: color chg to green-grey; FeOx mott weak, comm.
	4			10						
				11						@ 11 ft: incr sand to 15% locally; fine sand; core soft, moist to wet
			0.1	11						
			0.4	12						
			0.5	13	(based on wet core) → $\frac{V}{1025}$					@ 13 ft: core wet.
	4		1.8	14						
			0.4	15						
			0.3	16	TD @ 16 ft 1041					
			0.1	17						104E 5/3 @ 17 ft: color chg to brn. FeOx stain mod-wk; perv.
	4			18	extended 1115					
				19						
				20	TD @ 20 ft 1120		SP			Sand; brown; 5% clay; Soft, wet. TD 1120

**Borehole & Well Construction Log**



BOREHOLE LOCATION 421 24 <sup>th</sup> St, Oakland, CA		DRILLER / HELPER Jesse / Chris		Borehole/Well ID: 6-6	
DRILLING COMPANY Gregg Drilling		BOREHOLE DIAMETER ~3"		Project: Signature	
DRILLING METHOD(S) Direct-Push Geoprobe		FROM - TO -		Project Number: B10088.00	
ISOLATION CASING		FROM - TO -		ELEVATION AND DATUM	
BLANK CASING		FROM - TO -		TOTAL DEPTH 16 ft	
PERFORATED CASING		FROM - TO -		DATE STARTED 21 Dec 2011	
SIZE & TYPE OF FILTER PACK		FROM - TO -		GROUNDWATER DEPTH ~11.5 ft	
SEAL		FROM - TO -		LOGGED BY J. Shaw	
GROUT neat portland cement		FROM 0 TO 16		SAMPLING METHODS	
				WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE	

SAMPLES			Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)							
			0						Asphalt 3"
			1						Sand & Gravel Base rock
			2						Clayey Sand; yell-brn; f-m 15% clay; loose; moist.
			3						Clay; dk brown; 10% m-c sand; mod soft; moist; motts; minor brick frags.
			4						Sand w/silt; 10% silt; f-m sand; loose; moist.
			5						
			6						Clay; dk brown; 5% f-m sand; mod hard; moist; stiff; black motts comm.
			7						
			8						
			9						@ 9 ft color chg to grey (dk green-grey)
			10						
			11						
			12						@ 12-14 ft: sandier interval (~15% sand) core wet.
			13						
			14						@ 14 ft: color chg back to oxidized (brown)
			15						
			16						
			17						
			18						
			19						
			20						



**Borehole & Well Construction Log**



BOREHOLE LOCATION <b>421 24th St, Oakland, CA</b>		Borehole/Well ID: <b>G-7</b>	
DRILLING COMPANY <b>Gregg Drilling</b>		DRILLER / HELPER <b>Brandon</b>	
DRILLING METHOD(S) <b>Direct-Push Geoprobe</b>		Project: <b>Signature</b>	
ISOLATION CASING -		Project Number: <b>B10088.00</b>	
BLANK CASING -		BOREHOLE DIAMETER <b>~3 in</b>	
PERFORATED CASING -		FROM - TO - FT. ELEVATION AND DATUM	
SIZE & TYPE OF FILTER PACK -		TOTAL DEPTH <b>20 ft</b>	
SEAL -		DATE STARTED <b>22 Dec 2011</b>	
GROUT <b>neat portland cement</b>		DATE COMPLETED	
FROM - TO - FT. GROUNDWATER DEPTH		<b>~17 ft</b>	
FROM - TO - FT. LOGGED BY <b>J. Shaw</b>		SAMPLING METHODS	
FROM - TO - FT.		WELL COMPLETION	
FROM <b>0</b> TO <b>20</b> FT.		<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.	

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)							
				0				CL		Asphalt 2"
				1						Clay; lt. olive brown; 10% f sand, local to c sand, some FeOx motts, rare grav; soft; moist.
	5			2				CL		
	HA			3				104R 3/2		Sandy clay; v. dk. gray-brn; 25% f-c sand; FeOx com; rsh/charcoal (?) com; soft-mod soft; moist.
				4				SP		
				5				104R 3/3		Sand; dk brn; loose; sl. moist; l-m grs; tr silt.
				6						
	2			7				CL	104R 2/2	Clay; v. dk brn; minor local f gravel to 10%; CaCO <sub>3</sub> on clasts; hard; stiff; moist.
			0.2	8				SP		Sand; dk brn; loose; as above
				9						
				10				CL		Clay; v. dk brn; 15% f grav; clasts ang; stiff; moist.
	2			11						
			1.0	12						
				13						@ 13 ft bgs; color chg to gley; dk green-gray; no gravel; core v. moist to wet.
			51.1	14					1044/1	
	2			15						
			90.2	16						0905 Whit on GW 20 min
				17						@ 17 ft; 6" gravelly clay
			3.8	18						
			11.7	19						
	4			20					104R 3/4	Sandy clay w/ gravel; yell-brn, 40% f-m sand; 15% f gm; ang clasts; soft; v. moist to wet.
			0.5							
			1.5							
			0.4							

**Borehole & Well Construction Log**



BOREHOLE LOCATION <b>421 24th St, Oakland, CA</b>		Borehole/Well ID: <b>G-8</b>	
DRILLING COMPANY <b>Gregg Drilling</b>		DRILLER / HELPER <b>Brandon</b>	
DRILLING METHOD(S) <b>Direct-Push Geoprobe</b>		BOREHOLE DIAMETER <b>~3in</b>	
ISOLATION CASING -		Project: <b>Signature</b>	
BLANK CASING -		Project Number: <b>B10078.00</b>	
PERFORATED CASING -		FT. ELEVATION AND DATUM	
SIZE & TYPE OF FILTER PACK -		TOTAL DEPTH <b>16 ft</b>	
SEAL -		DATE STARTED <b>22 Dec 2011</b>	
GROUT <b>neat portland cement</b>		DATE COMPLETED	
SAMPLER		FT. GROUNDWATER DEPTH <b>~10.5 ft</b>	
Type		LOGGED BY <b>J. Shaw</b>	
Recovery (feet)		SAMPLING METHODS	
Penetration Resist (Blows)		WELL COMPLETION	
OVM Reading (ppmV)		<input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.	
Depth (feet)		FROM TO FT.	

Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)	Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS
			0	0						Asphalt 3"
			0	1						Sandy clay; yell-brn; 30% f-m sand, soft, moist.
			0	2						
HA			0.1	3			CH	104R 4/2		Sandy clay; dk grey-brn; 40% m-c sand; brick frags; soft, moist.
			0	4						
			0	5			SP			Sand; dk brn; loose; well-sort. sl. moist. f-m grained.
	3		0	6			CL	104R 2/2		clay; v. dk brown; 10% m-c sand, stiff, moist
			0	7						@ 7 ft: sand decr to trace
			0	8						
	4		0.2	9						
			1.4	10						@ 10 ft: gradual color chg to grey (dk green-grey)
			10.2	11	(tagged) →					@ 11 ft: sandier intr.
			4.1	12						
			7.0	13						
	4		1.3	14						@ 13 ft: gradual color chg back to dk yell-brn
			0.3	15						
			1.0	16						
				17						
				18						
				19						
				20						

**Borehole & Well Construction Log**



BOREHOLE LOCATION 421 24th St., Oakland, CA		Borehole/Well ID: G-9	
DRILLING COMPANY Gress Drilling	DRILLER / HELPER Brandon	Project: Signature	
DRILLING METHOD(S) Direct-Push Geoprobe	BOREHOLE DIAMETER 2.3 in	Project Number: B10088.00	
ISOLATION CASING	FROM: - TO: -	FT. ELEVATION AND DATUM	TOTAL DEPTH 20 ft
BLANK CASING	FROM: - TO: -	DATE STARTED 22 Dec 2011	DATE COMPLETED
PERFORATED CASING	FROM: - TO: -	GROUNDWATER DEPTH not encountered	
SIZE & TYPE OF FILTER PACK	FROM: - TO: -	LOGGED BY J. Shaw	
SEAL	FROM: - TO: -	SAMPLING METHODS	
GROUT neat portland cement	FROM: 0 TO: 20	WELL COMPLETION <input type="checkbox"/> SURFACE HOUSING <input type="checkbox"/> STANDPIPE _____ FT.	

SAMPLES				Depth (feet)	WELL CONSTRUCTION (OR OTHER NOTES)	Fill ?	USCS Log	Stratigraphy	Color	SAMPLE DESCRIPTION and DRILLING REMARKS	
Type	Recovery (feet)	Penetration Resist (Blows)	OVM Reading (ppmV)								
HA	3.0	0.6	-	0						3" Asphalt	
				1				104R4B	Clay w/ sand; brown; 20% f-c sand; mortar frags soft, moist.		
				2		0.5				104R5/4	Sandy clay; yell-brn 30% w sand; soft, moist
				3		0.5					
				4		0.9				104R 3/2	@ 4 ft color chg to v. dk. grey brown.
				5		0.6					@ 5-7 ft, intvl 15% f-m gravel; mg; CaCO3 on clasts comm.
				6		0.2					
				7		0.1					Clay; v. dk grey-brown; stiff; moist.
				8		0.1					
				9		0.2					
				10	2.9	0.6				1044/1	
				11		0.1					
				12		0.3				1044/1	Silty clay w/ sand; dk green-grey; soft, moist.
				13		0.0					
				14	3.9	0.2				104R 5/4	(yell-brn) Sandy clay; 40% f sand soft to med soft, moist to v. moist.
				15		0.1					
				16		0.1					Wait on GW 20 min
				17		0.2					
				18	2.2	0.1					
				19		-					@ 19 ft intvl incr sand, soft, moist,
20		-					Clay; yell-brn; hard 10% c sand, 10% f-m grav.				



Daily Inspection Report No. \_\_\_\_\_

Tractor: Gregg Drilling  
 EKI Staff On-Site: J. Shew  
 Weather: Clear, cool  
 Temperature: 45 °F Min to 55 °F Max  
 IDW: 1 drum soil  
 EKI Work Hours: 0630 to \_\_\_\_\_ (tot: \_\_\_\_\_) Contractor Hours: \_\_\_\_\_ to \_\_\_\_\_ (tot: \_\_\_\_\_)  
 Changes, Special Conditions, Delays, Standby Time: \_\_\_\_\_

Sheet: 1 of 2  
 Date: 21 Dec 2011  
 Project: Signature  
 EKI Job No: B10058.00

Accidents, Damage: \_\_\_\_\_

Sampling, Testing: \_\_\_\_\_

Visitors to Site: \_\_\_\_\_

Work Report (Work done, Personnel/Equipment working): \_\_\_\_\_

- 0630 - Drive to site
- 0715 - Arrive @ site, Osborne on-site, walk through
- 0730 - Jamie Choy arrives w/site keys
- 0745 - Osborne coring, Gregg onsite, J. Choy off site, H&S meeting.
- 0830 - Gregg helper HA's G-3 loc, JRS & driller move to outside, set up on G-6, HA G-6, Calib OVM (MiniRAE 3K) w/100ppmV isobutylene
- 0901 - TD G-6 @ 16 ft bgs, water @ ~13 ft bgs in sl. sandier interval of clay, OVM shows 580 ppm @ 13 ft, water rise to 11.5 ft in <5 min.
- 0925 - Collect water samp G6-16, call ACPWD re insp.
- 0950 - Begin HA on G-5
- 1005 - Grout inspector onsite (Steve Miller, ACPWD), grout G-6 w/Neat cement
- 1020 - Inspector off-site, set up rig on G-5.
- 1041 - TD G-5 @ 16 ft bgs, wait on GW (core moist to wet @ 13 ft bgs)
- 1110 - G-4 Hand augered, still no water in temp 3/4" PVC casing in G-5; so push to 20 ft bgs
- 1120 - Hit sand @ 19.5 ft bgs, GW rapidly rise to 14.7 ft bgs in G-5
- 1125 - Collect G5-19.5 water sample, grout BH
- 1150 - Drill G-4. Hand augered before.
- 1155 - TD G-4, wait on GW; sandier & wet @ 16.0 ft bgs
- 1220 - No water; extend to 20 ft bgs; sandy 16.0-18.0 ft bgs
- 1255 - Collect G4-16.0 GW sample, grout BH.
- 1330 - Set up on G-2, drill; already HA'd.
- 1340 - Stop @ 16 ft bgs, wait on GW.
- 1355 - Dry, push to 20 ft bgs
- 1445 - Collect G3-11.0 GW samp (BH HA'd to 15 ft bgs)
- 1501 - Collect G2-17.0 GW samp, water came in
- 1520 - Grouting BHs,
- 1525 - Setting up on G-1



Daily Inspection Report No. \_\_\_\_\_

Contractor: Gregg

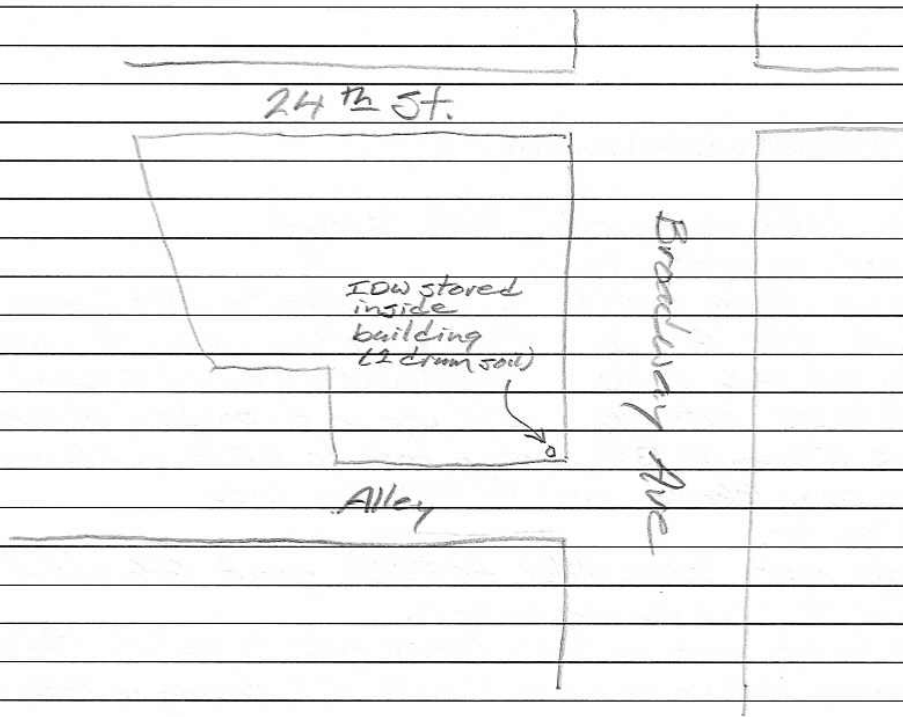
Sheet: 2 of 2  
Date: 21 Dec 2011  
Project: Signature  
EKI Job No: B10078.00

1535 - TD G-2 @ 16 ft bgs, wait on GW  
1601 - Courier (Erroll) collects samples to date.

1610 - GW up to ~ 11 ft in G-1, sample GW. (Note: sample labeled G1-176)

1630 - All BHs grouted, IDW in drum, drillers offsite, JRS finishing G-3 (CHA BH). Logging & sample from bagged cuttings

1740 - Spaces coned off for tomorrow, building locked, drum sealed & staged in building; EKI offsite.



*[Handwritten signature]*

Contractor: GreggEKI Staff On-Site: J. ShawWeather: Clear, coolTemperature: 45 °F Min to 65 °F Max

IDW: \_\_\_\_\_

EKI Work Hours: 0600 to 1730 (tot: 11.5) Contractor Hours: \_\_\_\_\_ to \_\_\_\_\_ (tot: \_\_\_\_\_)

Changes, Special Conditions, Delays, Standby Time: \_\_\_\_\_

Accidents, Damage: \_\_\_\_\_

Sampling, Testing: \_\_\_\_\_

Visitors to Site: \_\_\_\_\_

Work Report (Work done, Personnel/Equipment working): \_\_\_\_\_

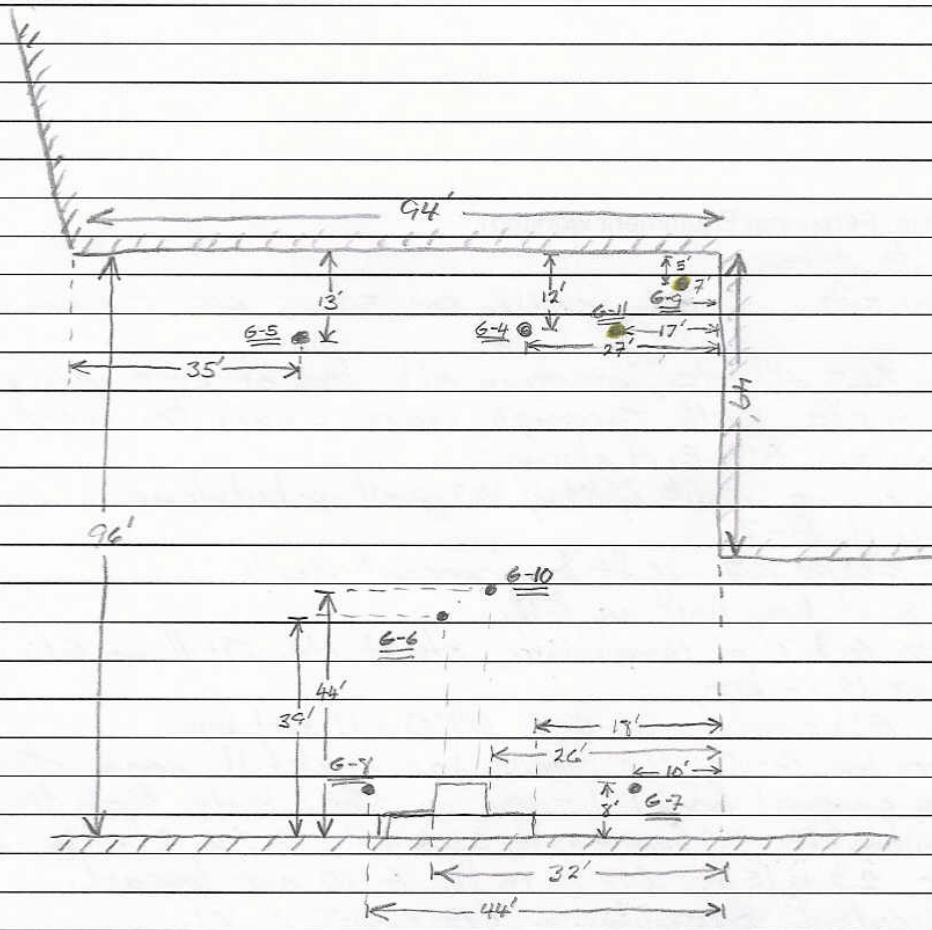
0545 - Drive to site0630 - EKI on-site, Subdynamic on-site, clear new logs outside0715 - Done, SLS offsite, measure off loc of BHs inside/outside0800 - Gregg onsite, walk through, move drum to front of bldg0830 - Set up on G-7, E. of transformer0840 - H&S meeting, calib OVM w/ 100 ppmV isobutylene0845 - HA & drill G-70905 - Wait on GW @ G-7, 16 ft bgs current depth0925 - Push to 20 ft bgs, wait on GW.0950 - Move to G-8, W of transformer, start HA. Still no GW in G-7.1030 - TD G-8 @ 16 ft bgs1040 - Collect GW sample in G-8, DTW = 11.5 ft bgs.1100 - Move to loc G-10, HA, look for backfill, none other thansite-wide general backfill seen in other BHs. Push to 16 ft,OVM 1.3 ppmV @ 9 ft, 7.9 ppmV @ 10 ft, 3.3 @ 11 ft, 16.5 @ 12 ft, 86.9 @ 13 ft70.5 @ 14 ft, 2.7 @ 15 ft, 0.7 @ 16 ft. G-10 not logged.1230 - BHs grouted to surface (G-7, G-8, G-10).1240 - Driller offsite for lunch, JRS to pick up bottles from J. Fadden-Daugherty.1400 - Back on, drill G-9 location.1500 - Samples off via courier, step off, drill G-11 midway betw G-9 & G-4; wait on H<sub>2</sub>O1520 - G-11 OVM: 0.1 ppmV @ 8 ft bgs, 0.2 @ 9 ft, 0.9 @ 10 ft, 4.3 @ 11 ft, 15.8 @12 ft, 31.8 @ 13 ft, 2.3 @ 14 ft, NR @ 15 ft, 0.4 @ 16 ft, 16.6 @ 17 ft,0.7 @ 18 ft1540 - No water in G-9 or G-11, temp PVC hose-dry. Grouting up.1625 - Drum sealed, kibeled; Keys back to client, Gregg offsite



Daily Inspection Report No. \_\_\_\_\_

Contractor: Brega  
1705- Done measuring BHs, offsite,  
drive to office (drum inside bldg,  
see notes from 21 Dec for loc).

Sheet: 2 of 2  
 Date: 22 Dec 2011  
 Project: Signature  
 EKI Job No: B10088.00



6-7 } today's  
 6-8 } sequence  
 6-10  
 6-9  
 6-11

*[Handwritten signature]*

**Attachment D**

KPrime Laboratory Analytical Reports

# K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

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

## TRANSMITTAL

**DATE:** 12/28/2011

**TO:** MR. EARL JAMES  
MS. CINDY CHENG  
MR. JEFF SHAW  
MR. LOGAN HANSEN  
ERLER & KALINOWSKI, INC.  
1870 OGDEN DRIVE  
BURLINGAME, CA 94010

**ACCT:** 9115  
**PROJ:** B10088.00

Phone: 650-292-9100  
Fax: 650-552-9012  
Email: ejames@ekiconsult.com  
ccheng@ekiconsult.com  
jshaw@ekiconsult.com  
lohansen@ekiconsult.com

**FROM:** Richard A. Kagel, Ph.D.  
Laboratory Director

*AB  
for  
RAK  
12/28/11*

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT B10088.00

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

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
G5-4.0	SOIL	12/21/2011	10:20	97088
G6-3.0	SOIL	12/21/2011	08:45	97089
G4-1.0	SOIL	12/21/2011	11:10	97090
G2-1.0	SOIL	12/21/2011	14:10	97091

The above listed sample group was received on 12/21/2011 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

METHOD: TOTAL LEAD  
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE TYPE: SOLID  
UNITS: mg/Kg dry weight

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
G5-4.0	97088	122111S1	12/21/2011	12/27/2011	2.81	33.0
G6-3.0	97089	122111S1	12/21/2011	12/27/2011	2.95	215
G4-1.0	97090	122111S1	12/21/2011	12/27/2011	2.72	193
G2-1.0	97091	122111S1	12/21/2011	12/27/2011	2.86	1210

**NOTES:**

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

APPROVED BY: TJ

DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**METHOD: PERCENT MOISTURE**  
**REFERENCE: ASTM D 2216-05**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**SAMPLE TYPE: SOIL**  
**UNITS: %**

SAMPLE ID	LAB ID #	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
G5-4.0	97088	12/21/2011	10:20	122211S1	12/22/2011	0.100	11.0
G6-3.0	97089	12/21/2011	8:45	122211S1	12/22/2011	0.100	15.2
G4-1.0	97090	12/21/2011	11:10	122211S1	12/22/2011	0.100	8.21
G2-1.0	97091	12/21/2011	14:10	122211S1	12/22/2011	0.100	12.6

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

MRL - METHOD REPORTING LIMIT

APPROVED BY: TJ  
DATE: 12/28/2011



**K PRIME, INC.**  
LABORATORY BATCH QC REPORT

SAMPLE ID: L122111S1  
DUPLICATE ID: D122111S1  
METHOD BLANK ID: B122111S1  
BATCH #: 122111S1  
DATE ANALYZED: 12/27/2011

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 %
LEAD	Pb	<2.50	25.0	0.0	25.5	25.7	102	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.**  
**LABORATORY BATCH QC REPORT**

**METHOD:** PERCENT MOISTURE  
**REFERENCE:** ASTM D 2216-05  
**BATCH ID:** 122211S1  
**SAMPLE TYPE:** SOIL  
**UNITS:** %

**PRECISION (DUPLICATE)**                    **SAMPLE ID:** 97091  
**DUPLICATE ID:** 97091DUP

<b>ANALYTE</b>	<b>REPORTING LIMIT</b>	<b>PRIMARY RESULT</b>	<b>DUPLICATE RESULT</b>	<b>RPD (%)</b>
% MOISTURE	0.100	12.6	12.6	0.000

**NOTES:**

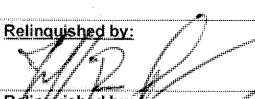
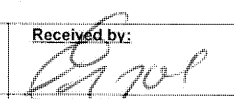

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT  
NA - NOT APPLICABLE  
RPD - RELATIVE PERCENT DIFFERENCE

CONSULTING ENGINEERS AND SCIENTISTS

1870 Ogden Drive, Burlingame CA 94010

PHONE: 650-292-9100

FAX: 650-552-9012

<b>Project Name</b> Negherbon Properties		<b>Project No.</b> B10088.00		<b>ANALYSES REQUESTED</b>						<b>EKI COC No.:</b> (YYYYMMDD-#)		
<b>Location:</b> 421 24th Street, Oakland, CA		<b>Sampled By:</b> J. Shaw		<b>Method No.</b> EPA 8280B	<b>Analyte Group</b> VOCs	EPA 6020	Lead	Percent Moisture	PLACE ON HOLD	Revision: _____ (A, B, C, D, etc.)		
<b>Reporting:</b> Electronic Format: none      Hard Copy Format: PDF EPA Data Report Level: II Please report results to the following: (1) <b>Earl James:</b> ejames@ekiconsult.com (2) <b>Cindy Cheng:</b> ccheng@ekiconsult.com (3) <b>Jeff Shaw:</b> jshaw@ekiconsult.com (4) <b>Logan Hansen:</b> lohansen@ekiconsult.com		<b>Laboratory:</b> K Prime, Inc. 3621 Westwind Blvd Santa Rosa, CA 95403 (707) 527-7574				EPA 8015M	TPH-d,mc			Date: _____ By: _____		
				EPA 3630	w/ silica gel cleanup					<b>EXPECTED TURNAROUND TIME</b>	<b>Remarks</b>	
<b>Field Sample Identification</b>	<b>Lab Sample No.</b>	<b>Date</b>	<b>Time</b>	<b>Matrix</b>	<b>Number / Type of Container (Preservative)</b>							
G5-4.0	97088	21 Dec '11	1020	Soil	4oz jar		X	X		Results by 28 Dec 2011 ↓		
G6-3.0	97089	"	0845	"	"		X	X				
G4-1.0	97090	"	1110	"	"		X	X				
G2-1.0	97091	"	1410	"	"		X	X				
<b>Special Instructions:</b> Please report all results on a dry weight basis.												
<b>Relinquished by:</b>  (Signature/Affiliation) EKI		<b>Date:</b> 21 Dec '11	<b>Time:</b> 1601	<b>Received by:</b>  (Signature/Affiliation or Carrier/Air Bill No.) (VIC) 12/21/11 4.01								
<b>Relinquished by:</b>  (Signature/Affiliation) (VIC)		<b>Date:</b> 12/21/11	<b>Time:</b> 1758	<b>Received by:</b> Camy Henaault (KPI) (Signature/Affiliation)								
<b>Relinquished by:</b> _____ (Signature/Affiliation)		<b>Date:</b> _____	<b>Time:</b> _____	<b>Received by:</b> _____ (Signature/Affiliation)								

# K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

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

## TRANSMITTAL

**DATE:** 12/28/2011

**TO:** MR. EARL JAMES  
MS. CINDY CHENG  
MR. JEFF SHAW  
MR. LOGAN HANSEN  
ERLER & KALINOWSKI, INC.  
1870 OGDEN DRIVE  
BURLINGAME, CA 94010

**ACCT:** 9115  
**PROJ:** B10088.00

Phone: 650-292-9100  
Fax: 650-552-9012  
Email: ejames@ekiconsult.com  
ccheng@ekiconsult.com  
jshaw@ekiconsult.com  
lohansen@ekiconsult.com

**FROM:** Richard A. Kagel, Ph.D.  
Laboratory Director

*70AK by AW 12/28/2011*

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT B10088.00

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

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
G1-2.0	SOIL	12/21/2011	16:11	97152
G7-2.0	SOIL	12/22/2011	09:45	97153
G8-4.0	SOIL	12/22/2011	10:55	97154

The above listed sample group was received on 12/22/2011 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

METHOD: TOTAL LEAD  
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE TYPE: SOLID  
UNITS: mg/Kg dry weight

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
G1-2.0	97152	122111S1	12/21/2011	12/27/2011	2.99	38.9
G7-2.0	97153	122111S1	12/22/2011	12/27/2011	2.83	119
G8-4.0	97154	122111S1	12/22/2011	12/27/2011	2.89	76.9

**NOTES:**

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

APPROVED BY:                     *AKS*                    

DATE:                     12/28/11

**K PRIME, INC.**  
**LABORATORY REPORT**

**METHOD: PERCENT MOISTURE**  
**REFERENCE: ASTM D 2216-05**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**SAMPLE TYPE: SOIL**  
**UNITS: %**

SAMPLE ID	LAB ID #	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
G1-2.0	97152	12/21/2011	16:11	122711S1	12/27/2011	0.100	16.5
G7-2.0	97153	12/22/2011	9:45	122711S1	12/27/2011	0.100	11.6
G8-4.0	97154	12/22/2011	10:55	122711S1	12/27/2011	0.100	13.5

**NOTES:**

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

MRL - METHOD REPORTING LIMIT

**APPROVED BY:** AB

**DATE:** 12/28/11



**K PRIME, INC.**  
LABORATORY BATCH QC REPORT

SAMPLE ID: L122111S1  
DUPLICATE ID: D122111S1  
METHOD BLANK ID: B122711S1  
BATCH #: 122111S1  
DATE ANALYZED: 12/27/2011

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 %
LEAD	Pb	<2.50	25.0	0.0	25.5	25.7	102	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



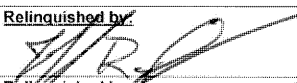
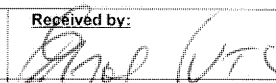
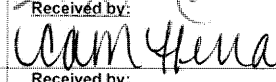
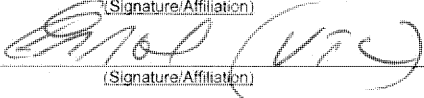
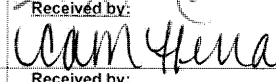

# CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS

1870 Ogden Drive, Burlingame CA 94010

PHONE: 650-292-9100

FAX: 650-552-9012

<b>Project Name</b> Negherbon Properties		<b>Project No.</b> B10088.00		<b>ANALYSES REQUESTED</b>					<b>EKI COC No.:</b> (YYYYMMDD-#)						
<b>Location:</b> 421 24th Street, Oakland, CA		<b>Sampled By:</b> J. Shaw		<b>Method No.</b>	<b>Analyte Group</b>	EPA 8260B	EPA 8015M	EPA 3630	EPA 8015M	EPA 6020	Percent Moisture	Revision: _____ (A, B, C, D, etc.)	Date: _____ By: _____		
<b>Reporting:</b> Electronic Format: none      Hard Copy Format: PDF  EPA Data Report Level: II Please report results to the following: (1) <b>Earl James:</b> ejames@ekiconsult.com (2) <b>Cindy Cheng:</b> ccheng@ekiconsult.com (3) <b>Jeff Shaw:</b> jshaw@ekiconsult.com (4) <b>Logan Hansen:</b> lohansen@ekiconsult.com		<b>Laboratory:</b>  K Prime, Inc. 3621 Westwind Blvd Santa Rosa, CA 95403 (707) 527-7574				EPA 8260B	EPA 8015M	EPA 3630	EPA 8015M	EPA 6020					
<b>Field Sample Identification</b>	<b>Lab Sample No.</b>	<b>Date</b>	<b>Time</b>	<b>Matrix</b>	<b>Number / Type of Container (Preservative)</b>	VOCs	TPH-g	w/ silica gel cleanup	TPH-d-mo	Lead	Percent Moisture	<b>EXPECTED TURNAROUND TIME</b>	<b>Remarks</b>		
G1-2.0	97152	21 Dec '11	1611	Soil	4oz jar					X	X			Need by 28 Dec ↓	
G7-2.0	97153	22 Dec '11	0945	"	"					X	X				
G8-4.0	97154	"	1055	"	"					X	X				
<b>Special Instructions:</b> Please report all results on a dry weight basis.															
<b>Relinquished by:</b>  (Signature/Affiliation) EKI		<b>Date:</b> 22 Dec '11	<b>Time:</b> 1458	<b>Received by:</b>  (Signature/Affiliation or Carrier/Air Bill No.) Alan (VTC)		<b>Date:</b> 12/22/11		<b>Time:</b> 1740		<b>Received by:</b>  (Signature/Affiliation) Alan (VTC)		<b>Date:</b> 12/22/11		<b>Time:</b> 3:00	
<b>Relinquished by:</b>  (Signature/Affiliation) Alan (VTC)		<b>Date:</b> 12/22/11	<b>Time:</b> 1740	<b>Received by:</b>  (Signature/Affiliation) Alan (VTC)		<b>Date:</b> 12/22/11		<b>Time:</b> 1740		<b>Received by:</b>  (Signature/Affiliation) Alan (VTC)		<b>Date:</b> 12/22/11		<b>Time:</b> 17:40	
<b>Relinquished by:</b> _____ (Signature/Affiliation)		<b>Date:</b> _____	<b>Time:</b> _____	<b>Received by:</b> _____ (Signature/Affiliation)		<b>Date:</b> _____		<b>Time:</b> _____		<b>Received by:</b> _____ (Signature/Affiliation)		<b>Date:</b> _____		<b>Time:</b> _____	

# K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

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

## TRANSMITTAL

**DATE:** 12/28/2011

**TO:** MR. EARL JAMES  
MS. CINDY CHENG  
MR. JEFF SHAW  
MR. LOGAN HANSEN  
ERLER & KALINOWSKI, INC.  
1870 OGDEN DRIVE  
BURLINGAME, CA 94010

**ACCT:** 9115  
**PROJ:** B10088.00

Phone: 650-292-9100  
Fax: 650-552-9012  
Email: ejames@ekiconsult.com  
ccheng@ekiconsult.com  
jshaw@ekiconsult.com  
lohansen@ekiconsult.com

**FROM:** Richard A. Kage1, Ph.D.  
Laboratory Director

*AB  
JJK  
KAK  
12/28/11*

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT B10088.00

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

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
G6-16.0	WATER	12/21/2011	09:25	97083
G5-19.5	WATER	12/21/2011	11:25	97084
G4-16.0	WATER	12/21/2011	12:55	97085
G3-11.0	WATER	12/21/2011	14:45	97086
G2-17.0	WATER	12/21/2011	15:01	97087

The above listed sample group was received on 12/21/2011 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:** 9115  
**CLIENT PROJECT:** B10088.00

**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
G6-16.0	97083	12/21/2011	9:25	121511W1	12/22/2011	0.250	35.9	
G5-19.5	97084	12/21/2011	11:25	121511W1	12/22/2011	0.050	0.259	
G4-16.0	97085	12/21/2011	12:55	121511W1	12/22/2011	0.050	0.593	
G3-11.0	97086	12/21/2011	14:45	121511W1	12/22/2011	0.050	1.13	
G2-17.0	97087	12/21/2011	15:01	121511W1	12/22/2011	0.050	0.062	CO

**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: 12/27/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**SAMPLE ID:** G6-16.0  
**LAB NO:** 97083  
**DATE SAMPLED:** 12/21/2011  
**TIME SAMPLED:** 9:25  
**BATCH #:** 122011W1  
**DATE ANALYZED:** 12/22/2011

**K PRIME PROJECT:** 9115  
**CLIENT PROJECT:** B10088.00

**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	20.0	ND
CHLOROMETHANE	74-87-3	20.0	ND
VINYL CHLORIDE	75-01-4	20.0	ND
BROMOMETHANE	74-83-9	20.0	ND
CHLOROETHANE	75-00-3	20.0	ND
TRICHLOROFLUOROMETHANE	75-69-4	20.0	ND
1,1-DICHLOROETHENE	75-35-4	20.0	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	20.0	ND
METHYLENE CHLORIDE	75-09-2	100	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	20.0	ND
1,1-DICHLOROETHANE	75-34-3	20.0	ND
CIS-1,2-DICHLOROETHENE	156-59-2	20.0	ND
2,2-DICHLOROPROPANE	594-20-7	20.0	ND
BROMOCHLOROMETHANE	74-97-5	20.0	ND
CHLOROFORM	67-66-3	20.0	ND
1,1,1-TRICHLOROETHANE	71-55-6	20.0	ND
CARBON TETRACHLORIDE	56-23-5	20.0	ND
1,1-DICHLOROPROPENE	563-58-6	20.0	ND
BENZENE	71-43-2	20.0	ND
1,2-DICHLOROETHANE	107-06-2	20.0	ND
TRICHLOROETHENE	79-01-6	20.0	ND
1,2-DICHLOROPROPANE	78-87-5	20.0	ND
DIBROMOMETHANE	74-95-3	20.0	ND
BROMODICHLOROMETHANE	75-27-4	20.0	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	20.0	ND
TOLUENE	108-88-3	20.0	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	20.0	ND
1,1,2-TRICHLOROETHANE	79-00-5	20.0	ND
TETRACHLOROETHENE	127-18-4	20.0	ND
1,3-DICHLOROPROPANE	142-28-9	20.0	ND
DIBROMOCHLOROMETHANE	124-48-1	20.0	ND
1,2-DIBROMOETHANE	106-93-4	20.0	ND
CHLOROBENZENE	108-90-7	20.0	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	20.0	ND
ETHYLBENZENE	100-41-4	20.0	ND
XYLENE (M+P)	1330-20-7	20.0	ND
XYLENE (O)	1330-20-7	20.0	ND
STYRENE	100-42-5	20.0	ND
BROMOFORM	75-25-2	20.0	ND
ISOPROPYLBENZENE	98-82-8	20.0	51.7
1,1,2,2-TETRACHLOROETHANE	79-34-5	20.0	ND
BROMOBENZENE	108-86-1	20.0	ND
1,2,3-TRICHLOROPROPANE	96-18-4	20.0	ND
N-PROPYLBENZENE	103-65-1	20.0	145
2-CHLOROTOLUENE	95-49-8	20.0	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	20.0	ND



**K PRIME, INC.**  
LABORATORY REPORT

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE ID: G6-16.0  
LAB NO: 97083  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 9:25  
BATCH #: 122011W1  
DATE ANALYZED: 12/22/2011

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	20.0	ND
TERT-BUTYLBENZENE	98-06-6	20.0	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	20.0	ND
SEC-BUTYLBENZENE	135-98-8	20.0	44.9
1,3-DICHLOROBENZENE	541-73-1	20.0	ND
4-ISOPROPYLTOLUENE	99-87-6	20.0	ND
1,4-DICHLOROBENZENE	106-46-7	20.0	ND
N-BUTYLBENZENE	104-51-8	20.0	81.9
1,2-DICHLOROBENZENE	95-50-1	20.0	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	20.0	ND
1,2,4-TRICHLOROBENZENE	120-82-1	40.0	ND
HEXACHLOROBUTADIENE	87-68-3	40.0	ND
NAPHTHALENE	91-20-3	40.0	ND
1,2,3-TRICHLOROBENZENE	87-61-6	40.0	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	99
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	103

**NOTES:**

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

APPROVED BY:       
DATE: 12/27/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

K PRIME PROJECT: 9115  
 CLIENT PROJECT: B10088.00

SAMPLE ID: G5-19.5  
 LAB NO: 97084  
 DATE SAMPLED: 12/21/2011  
 TIME SAMPLED: 11:25  
 BATCH #: 122011W1  
 DATE ANALYZED: 12/22/2011

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	6.46
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

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE ID: G5-19.5  
LAB NO: 97084  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 11:25  
BATCH #: 122011W1  
DATE ANALYZED: 12/22/2011

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	98
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	106

**NOTES:**

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

APPROVED BY: Ch  
DATE: 12/27/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**SAMPLE ID:** G4-16.0  
**LAB NO:** 97085  
**DATE SAMPLED:** 12/21/2011  
**TIME SAMPLED:** 12:55  
**BATCH #:** 122011W1  
**DATE ANALYZED:** 12/22/2011

**K PRIME PROJECT:** 9115  
**CLIENT PROJECT:** B10088.00

**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	1.00	ND
CHLOROMETHANE	74-87-3	1.00	ND
VINYL CHLORIDE	75-01-4	1.00	ND
BROMOMETHANE	74-83-9	1.00	ND
CHLOROETHANE	75-00-3	1.00	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND
METHYLENE CHLORIDE	75-09-2	5.00	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND
2,2-DICHLOROPROPANE	594-20-7	1.00	ND
BROMOCHLOROMETHANE	74-97-5	1.00	ND
CHLOROFORM	67-66-3	1.00	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND
1,1-DICHLOROPROPENE	563-58-6	1.00	ND
BENZENE	71-43-2	1.00	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND
TRICHLOROETHENE	79-01-6	1.00	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND
DIBROMOMETHANE	74-95-3	1.00	ND
BROMODICHLOROMETHANE	75-27-4	1.00	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND
TOLUENE	108-88-3	1.00	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND
TETRACHLOROETHENE	127-18-4	1.00	ND
1,3-DICHLOROPROPANE	142-28-9	1.00	ND
DIBROMOCHLOROMETHANE	124-48-1	1.00	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND
CHLOROBENZENE	108-90-7	1.00	1.01
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.00	ND
ETHYLBENZENE	100-41-4	1.00	ND
XYLENE (M+P)	1330-20-7	1.00	ND
XYLENE (O)	1330-20-7	1.00	ND
STYRENE	100-42-5	1.00	ND
BROMOFORM	75-25-2	1.00	ND
ISOPROPYLBENZENE	98-82-8	1.00	ND
1,1,1,2-TETRACHLOROETHANE	79-34-5	1.00	ND
BROMOBENZENE	108-86-1	1.00	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.00	ND
N-PROPYLBENZENE	103-65-1	1.00	ND
2-CHLOROTOLUENE	95-49-8	1.00	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND

**K PRIME, INC.**  
LABORATORY REPORT

SAMPLE ID: G4-16.0  
LAB NO: 97085  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 12:55  
BATCH #: 122011W1  
DATE ANALYZED: 12/22/2011

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

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	1.00	ND
TERT-BUTYLBENZENE	98-06-6	1.00	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND
SEC-BUTYLBENZENE	135-98-8	1.00	2.91
1,3-DICHLOROBENZENE	541-73-1	1.00	ND
4-ISOPROPYLTOLUENE	99-87-6	1.00	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND
N-BUTYLBENZENE	104-51-8	1.00	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.00	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND
HEXACHLOROBUTADIENE	87-68-3	2.00	ND
NAPHTHALENE	91-20-3	2.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	98
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	103

**NOTES:**

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

APPROVED BY:       
DATE: 12/27/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**SAMPLE ID: G3-11.0**  
**LAB NO: 97086**  
**DATE SAMPLED: 12/21/2011**  
**TIME SAMPLED: 14:45**  
**BATCH #: 122011W1**  
**DATE ANALYZED: 12/22/2011**

**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	1.00	ND
CHLOROMETHANE	74-87-3	1.00	ND
VINYL CHLORIDE	75-01-4	1.00	ND
BROMOMETHANE	74-83-9	1.00	ND
CHLOROETHANE	75-00-3	1.00	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND
METHYLENE CHLORIDE	75-09-2	5.00	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND
2,2-DICHLOROPROPANE	594-20-7	1.00	ND
BROMOCHLOROMETHANE	74-97-5	1.00	ND
CHLOROFORM	67-66-3	1.00	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND
1,1-DICHLOROPROPENE	563-58-6	1.00	ND
BENZENE	71-43-2	1.00	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND
TRICHLOROETHENE	79-01-6	1.00	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND
DIBROMOMETHANE	74-95-3	1.00	ND
BROMODICHLOROMETHANE	75-27-4	1.00	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND
TOLUENE	108-88-3	1.00	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	1.90
TETRACHLOROETHENE	127-18-4	1.00	ND
1,3-DICHLOROPROPANE	142-28-9	1.00	ND
DIBROMOCHLOROMETHANE	124-48-1	1.00	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND
CHLOROBENZENE	108-90-7	1.00	103
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.00	ND
ETHYLBENZENE	100-41-4	1.00	ND
XYLENE (M+P)	1330-20-7	1.00	ND
XYLENE (O)	1330-20-7	1.00	ND
STYRENE	100-42-5	1.00	ND
BROMOFORM	75-25-2	1.00	ND
ISOPROPYLBENZENE	98-82-8	1.00	4.39
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND
BROMOBENZENE	108-86-1	1.00	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.00	ND
N-PROPYLBENZENE	103-65-1	1.00	8.24
2-CHLOROTOLUENE	95-49-8	1.00	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND



**K PRIME, INC.**  
LABORATORY REPORT

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE ID: G3-11.0  
LAB NO: 97086  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 14:45  
BATCH #: 122011W1  
DATE ANALYZED: 12/22/2011

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	1.00	ND
TERT-BUTYLBENZENE	98-06-6	1.00	2.22
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND
SEC-BUTYLBENZENE	135-98-8	1.00	15.5
1,3-DICHLOROBENZENE	541-73-1	1.00	18.8
4-ISOPROPYLTOLUENE	99-87-6	1.00	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	21.4
N-BUTYLBENZENE	104-51-8	1.00	6.85
1,2-DICHLOROBENZENE	95-50-1	1.00	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.00	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND
HEXACHLOROBUTADIENE	87-68-3	2.00	ND
NAPHTHALENE	91-20-3	2.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	99
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	103

**NOTES:**

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

APPROVED BY:           
DATE: 12/27/2011

**K PRIME, INC.**  
LABORATORY REPORT

SAMPLE ID: G2-17.0  
LAB NO: 97087  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 15:01  
BATCH #: 122011W1  
DATE ANALYZED: 12/27/2011

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

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	10.3
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	1.32
1,1-DICHLOROETHANE	75-34-3	0.500	46.8
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	2.10
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	2.56
TRICHLOROETHENE	79-01-6	0.500	3.01
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	1.10
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

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE ID: G2-17.0  
LAB NO: 97087  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 15:01  
BATCH #: 122011W1  
DATE ANALYZED: 12/27/2011

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	99
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	101

**NOTES:**

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY:           
DATE: 12/27/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**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
G6-16.0	97083	12/21/2011	121311W1	12/22/2011	12/27/2011	0.053	10.2	
G5-19.5	97084	12/21/2011	121311W1	12/22/2011	12/27/2011	0.070	ND	
G4-16.0	97085	12/21/2011	121311W1	12/22/2011	12/27/2011	0.065	ND	
G3-11.0	97086	12/21/2011	121311W1	12/22/2011	12/27/2011	0.089	1.53	
G2-17.0	97087	12/21/2011	121311W1	12/22/2011	12/27/2011	0.062	ND	

**NOTES:**

DRO Diesel Range Organics (C12-C23)  
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: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**METHOD: HRO**  
**REFERENCE: EPA 8015B**

**SAMPLE TYPE: WATER**  
**UNITS: mg/L**

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
G6-16.0	97083	12/21/2011	121311W1	12/22/2011	12/27/2011	0.053	2.54	
G5-19.5	97084	12/21/2011	121311W1	12/22/2011	12/27/2011	0.070	ND	
G4-16.0	97085	12/21/2011	121311W1	12/22/2011	12/27/2011	0.065	ND	
G3-11.0	97086	12/21/2011	121311W1	12/22/2011	12/27/2011	0.089	0.840	
G2-17.0	97087	12/21/2011	121311W1	12/22/2011	12/27/2011	0.062	ND	

**NOTES:**

HRO Heavy Range Organics (C24-C34)  
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: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY QUALITY CONTROL REPORT**

METHOD BLANK ID: B121511W1  
 SAMPLE TYPE: WATER

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

BATCH #: 121511W1  
 DATE EXTRACTED: 12/15/2011  
 DATE ANALYZED: 12/15/2011

UNITS: mg/L

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	0.050	ND

SAMPLE ID: L121511W1  
 DUPLICATE ID: D121511W1  
 BATCH #: 121511W1  
 SAMPLE TYPE: WATER  
 UNITS: mg/L

DATE EXTRACTED: 12/15/2011  
 DATE ANALYZED: 12/15/2011

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	0.250	ND	0.221	88	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	0.050	0.221	0.226	2.2	±20

**NOTES:**

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



**K PRIME, INC.**

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B122011W1

BATCH #: 122011W1

DATE ANALYZED: 12/20/2011

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: B122011W1

BATCH #: 122011W1

DATE ANALYZED: 12/20/2011

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	95
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	100

**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: B122011W1**  
**SPIKE ID: L122011W1**  
**DUPLICATE ID: D122011W1**  
**BATCH #: 122011W1**  
**SAMPLE TYPE: WATER**  
**UNITS: µg/L**

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	10.0	ND	8.98	90	60-140
BENZENE	10.0	ND	8.00	80	60-140
TRICHLOROETHENE	10.0	ND	7.69	77	60-140
TOLUENE	10.0	ND	8.25	83	60-140
CHLOROBENZENE	10.0	ND	8.24	82	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	0.500	8.98	10.6	16.6	±20
BENZENE	0.500	8.00	9.02	12.0	±20
TRICHLOROETHENE	0.500	7.69	8.88	14.4	±20
TOLUENE	0.500	8.25	9.29	11.9	±20
CHLOROBENZENE	0.500	8.24	9.22	11.2	±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:** 121311W1  
**DATE EXTRACTED:** 12/13/2011  
**DATE ANALYZED:** 12/15/2011

**METHOD:** DRO  
**REFERENCE:** EPA 8015B

**SAMPLE TYPE:** WATER  
**UNITS:** mg/L

**METHOD BLANK ID:** B121311W1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	0.050	ND

**SAMPLE ID:** L121311W1  
**DUPLICATE ID:** D121311W1

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	2.50	ND	1.93	77	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	0.050	1.93	2.05	6.0	±20

**NOTES:**

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

CONSULTING ENGINEERS AND SCIENTISTS

1870 Ogden Drive, Burlingame CA 94010

PHONE: 650-292-9101 FAX: 650-552-9012

<b>Project Name:</b> Negherbon Properties		<b>Project No.:</b> B10088.00		<b>ANALYSES REQUESTED</b>										<b>EKI COC No.:</b> (YYYYMMDD-#)	
<b>Location:</b> 421 24th Street, Oakland, CA		<b>Sampled By:</b> J. Shaw												<b>Method No.:</b> EPA 8260B EPA 8015B EPA 8015B	
<b>Reporting:</b> Electronic Format: none      Hard Copy Format: PDF EPA Data Report Level: II Please report results to the following: (1) <b>Earl James:</b> ejames@ekiconsult.com (2) <b>Cindy Cheng:</b> ccheng@ekiconsult.com (3) <b>Jeff Shaw:</b> jshaw@ekiconsult.com (4) <b>Logan Hansen:</b> lohansen@ekiconsult.com		<b>Laboratory:</b> K Prime, Inc. 3621 Westwind Blvd Santa Rosa, CA 95403 (707) 527-7574		Field Filtered with 0.45-micron filter		PLACE ON HOLD		<b>EXPECTED TURNAROUND TIME</b>		<b>Remarks</b>					

Field Sample Identification	Lab Sample No.	Date	Time	Matrix	Number / Type of Container (Preservative)	EPA 8260B	EPA 8015B	EPA 8015B											EXPECTED TURNAROUND TIME	Remarks	
66-16.0	97083	21 Dec 2011	0925	H <sub>2</sub> O	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)	X	X	X											Results by 28 Dec 2011		
65-19.5	97084	"	1125	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)	X	X	X													
64-16.0	97085	"	1255	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)	X	X	X													
63-11.0	97086	"	1445	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)	X	X	X													
62-17.0	97087	"	1501	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)	X	X	X													
<hr/>						3 - VOAs (HCl)															
<hr/>						5 - VOAs (HCl)															
<hr/>						1 - Amber Liter (none)															

**Special Instructions:**

<b>Relinquished by:</b> (Signature/Affiliation) EKI	<b>Date:</b> 21 Dec '11	<b>Time:</b> 1601	<b>Received by:</b> (Signature/Affiliation or Carrier/Air Bill No.)
<b>Relinquished by:</b> (Signature/Affiliation) Earl James (VIC)	<b>Date:</b> 12/21/11	<b>Time:</b> 1758	<b>Received by:</b> (Signature/Affiliation) Camy Henuault (KPI) 12/21/11 1758
<b>Relinquished by:</b> _____ (Signature/Affiliation)	<b>Date:</b> _____	<b>Time:</b> _____	<b>Received by:</b> _____ (Signature/Affiliation)

# K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

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

## TRANSMITTAL

**DATE:** 12/28/2011

**TO:** MR. EARL JAMES  
MS. CINDY CHENG  
MR. JEFF SHAW  
MR. LOGAN HANSEN  
ERLER & KALINOWSKI, INC.  
1870 OGDEN DRIVE  
BURLINGAME, CA 94010

**ACCT:** 9115  
**PROJ:** B10088.00

Phone: 650-292-9100  
Fax: 650-552-9012  
Email: ejames@ekiconsult.com  
ccheng@ekiconsult.com  
jshaw@ekiconsult.com  
lohansen@ekiconsult.com

**FROM:** Richard A. Kagel, Ph.D.  
Laboratory Director

*AKB  
for  
RAK  
12/28/11*

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT B10088.00

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

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
G1-17.0	WATER	12/21/2011	16:10	97155
G8-11.0	WATER	12/22/2011	10:40	97156
G7-17.0	WATER	12/22/2011	12:10	97157

The above listed sample group was received on 12/22/2011 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: 9115  
CLIENT PROJECT: B10088.00

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

SAMPLE TYPE: WATER  
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE	TIME	BATCH	DATE	MRL	SAMPLE	GRO
		SAMPLED	SAMPLED	ID	ANALYZED			
G1-17.0	97155	12/21/2011	16:10	121511W1	12/27/2011	0.050	ND	
G8-11.0	97156	12/22/2011	10:40	121511W1	12/27/2011	0.050	1.40	
G7-17.0	97157	12/22/2011	12:10	121511W1	12/27/2011	0.050	1.80	

**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: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**SAMPLE ID:** G1-17.0  
**LAB NO:** 97155  
**DATE SAMPLED:** 12/21/2011  
**TIME SAMPLED:** 16:10  
**BATCH #:** 122111W1  
**DATE ANALYZED:** 12/27/2011

**K PRIME PROJECT:** 9115  
**CLIENT PROJECT:** B10088.00

**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	17.7
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	1.82
1,1-DICHLOROETHANE	75-34-3	0.500	74.1
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	3.22
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	2.00
TRICHLOROETHENE	79-01-6	0.500	2.81
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	1.81
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: G1-17.0  
LAB NO: 97155  
DATE SAMPLED: 12/21/2011  
TIME SAMPLED: 16:10  
BATCH #: 122111W1  
DATE ANALYZED: 12/27/2011

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

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	93
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	100

**NOTES:**

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

APPROVED BY: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**SAMPLE ID:** G8-11.0  
**LAB NO:** 97156  
**DATE SAMPLED:** 12/22/2011  
**TIME SAMPLED:** 10:40  
**BATCH #:** 122111W1  
**DATE ANALYZED:** 12/27/2011

**K PRIME PROJECT:** 9115  
**CLIENT PROJECT:** B10088.00

**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	15.0
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	1.60
1,1-DICHLOROETHANE	75-34-3	0.500	42.2
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	1.68
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	0.630
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	0.860
TRICHLOROETHENE	79-01-6	0.500	13.6
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	2.84
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	1.44
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

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

SAMPLE ID: G8-11.0  
LAB NO: 97156  
DATE SAMPLED: 12/22/2011  
TIME SAMPLED: 10:40  
BATCH #: 122111W1  
DATE ANALYZED: 12/27/2011

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	1.75
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	0.830
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	93
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	105

**NOTES:**

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

APPROVED BY: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**SAMPLE ID:** G7-17.0  
**LAB NO:** 97157  
**DATE SAMPLED:** 12/22/2011  
**TIME SAMPLED:** 12:10  
**BATCH #:** 122111W1  
**DATE ANALYZED:** 12/27/2011

**K PRIME PROJECT:** 9115  
**CLIENT PROJECT:** B10088.00

**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	1.00	ND
CHLOROMETHANE	74-87-3	1.00	ND
VINYL CHLORIDE	75-01-4	1.00	ND
BROMOMETHANE	74-83-9	1.00	ND
CHLOROETHANE	75-00-3	1.00	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND
METHYLENE CHLORIDE	75-09-2	5.00	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND
2,2-DICHLOROPROPANE	594-20-7	1.00	ND
BROMOCHLOROMETHANE	74-97-5	1.00	ND
CHLOROFORM	67-66-3	1.00	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND
1,1-DICHLOROPROPENE	563-58-6	1.00	ND
BENZENE	71-43-2	1.00	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND
TRICHLOROETHENE	79-01-6	1.00	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND
DIBROMOMETHANE	74-95-3	1.00	ND
BROMODICHLOROMETHANE	75-27-4	1.00	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND
TOLUENE	108-88-3	1.00	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	6.25
TETRACHLOROETHENE	127-18-4	1.00	ND
1,3-DICHLOROPROPANE	142-28-9	1.00	ND
DIBROMOCHLOROMETHANE	124-48-1	1.00	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND
CHLOROBENZENE	108-90-7	1.00	1.22
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.00	ND
ETHYLBENZENE	100-41-4	1.00	ND
XYLENE (M+P)	1330-20-7	1.00	ND
XYLENE (O)	1330-20-7	1.00	ND
STYRENE	100-42-5	1.00	ND
BROMOFORM	75-25-2	1.00	ND
ISOPROPYLBENZENE	98-82-8	1.00	1.65
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND
BROMOBENZENE	108-86-1	1.00	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.00	ND
N-PROPYLBENZENE	103-65-1	1.00	ND
2-CHLOROTOLUENE	95-49-8	1.00	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND

**K PRIME, INC.**  
LABORATORY REPORT

SAMPLE ID: G7-17.0  
LAB NO: 97157  
DATE SAMPLED: 12/22/2011  
TIME SAMPLED: 12:10  
BATCH #: 122111W1  
DATE ANALYZED: 12/27/2011

K PRIME PROJECT: 9115  
CLIENT PROJECT: B10088.00

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	1.00	ND
TERT-BUTYLBENZENE	98-06-6	1.00	5.19
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND
SEC-BUTYLBENZENE	135-98-8	1.00	9.66
1,3-DICHLOROBENZENE	541-73-1	1.00	ND
4-ISOPROPYLTOLUENE	99-87-6	1.00	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND
N-BUTYLBENZENE	104-51-8	1.00	4.15
1,2-DICHLOROBENZENE	95-50-1	1.00	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.00	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND
HEXACHLOROBUTADIENE	87-68-3	2.00	ND
NAPHTHALENE	91-20-3	2.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	97
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	104

**NOTES:**

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

APPROVED BY: TJ  
DATE: 12/28/2011



**K PRIME, INC.**  
**LABORATORY REPORT**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**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
G1-17.0	97155	12/21/2011	121311W1	12/27/2011	12/27/2011	0.057	ND	
G8-11.0	97156	12/22/2011	121311W1	12/27/2011	12/27/2011	0.058	ND	
G7-17.0	97157	12/22/2011	121311W1	12/27/2011	12/27/2011	0.067	0.613	

**NOTES:**

DRO Diesel Range Organics (C12-C23)  
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: TJ  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY REPORT**

**K PRIME PROJECT: 9115**  
**CLIENT PROJECT: B10088.00**

**METHOD: HRO**  
**REFERENCE: EPA 8015B**

**SAMPLE TYPE: WATER**  
**UNITS: mg/L**

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
G1-17.0	97155	12/21/2011	121311W1	12/27/2011	12/27/2011	0.057	ND	
G8-11.0	97156	12/22/2011	121311W1	12/27/2011	12/27/2011	0.058	ND	
G7-17.0	97157	12/22/2011	121311W1	12/27/2011	12/27/2011	0.067	ND	

**NOTES:**

HRO Heavy Range Organics (C24-C34)  
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: Tg  
DATE: 12/28/2011

**K PRIME, INC.**  
**LABORATORY QUALITY CONTROL REPORT**

**METHOD BLANK ID:** B121511W1  
**SAMPLE TYPE:** WATER

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

**BATCH #:** 121511W1  
**DATE EXTRACTED:** 12/15/2011  
**DATE ANALYZED:** 12/15/2011

**UNITS:** mg/L

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	0.050	ND

**SAMPLE ID:** L121511W1  
**DUPLICATE ID:** D121511W1  
**BATCH #:** 121511W1  
**SAMPLE TYPE:** WATER  
**UNITS:** mg/L

**DATE EXTRACTED:** 12/15/2011  
**DATE ANALYZED:** 12/15/2011

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	0.250	ND	0.221	88	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	0.050	0.221	0.226	2.2	±20

**NOTES:**

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

**K PRIME, INC.**

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B122111W1

BATCH #: 122111W1

DATE ANALYZED: 12/21/2011

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: B122111W1

BATCH #: 122111W1  
DATE ANALYZED: 12/21/2011METHOD: VOLATILE ORGANIC COMPOUNDS  
REFERENCE: EPA 5030/8260SAMPLE 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	97
TOLUENE-D8	99
4-BROMOFLUOROBENZENE	100

**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: B122111W1  
SPIKE ID: L122111W1  
DUPLICATE ID: D122111W1  
BATCH #: 122111W1  
SAMPLE TYPE: WATER  
UNITS: µg/L

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	10.0	ND	11.8	118	60-140
BENZENE	10.0	ND	9.13	91	60-140
TRICHLOROETHENE	10.0	ND	9.28	93	60-140
TOLUENE	10.0	ND	9.33	93	60-140
CHLOROBENZENE	10.0	ND	9.63	96	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	0.500	11.8	11.3	4.4	±20
BENZENE	0.500	9.13	9.22	1.0	±20
TRICHLOROETHENE	0.500	9.28	9.13	1.6	±20
TOLUENE	0.500	9.33	9.49	1.7	±20
CHLOROBENZENE	0.500	9.63	9.38	2.6	±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:** 121311W1  
**DATE EXTRACTED:** 12/13/2011  
**DATE ANALYZED:** 12/15/2011

**METHOD:** DRO  
**REFERENCE:** EPA 8015B

**SAMPLE TYPE:** WATER  
**UNITS:** mg/L

**METHOD BLANK ID:** B121311W1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	0.050	ND

**SAMPLE ID:** L121311W1  
**DUPLICATE ID:** D121311W1

**ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	2.50	ND	1.93	77	60-140

**PRECISION (SPIKE DUPLICATE)**

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	0.050	1.93	2.05	6.0	±20

**NOTES:**

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



CONSULTING ENGINEERS AND SCIENTISTS

1870 Ogden Drive, Burlingame CA 94010

PHONE: 650-292-9101 FAX: 650-552-9012

<b>Project Name</b> Negherbon Properties		<b>Project No.</b> B10088.00		<b>ANALYSES REQUESTED</b>										<b>EKI COC No.:</b> 1000045500-4																																								
<b>Location:</b> 421 24th Street, Oakland, CA		<b>Sampled By:</b> J. Shaw		<table border="1"> <tr> <td rowspan="2">Method No.</td> <td>EPA 8260B</td> <td>EPA 8015B</td> <td>EPA 8015B</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Analyte Group</td> <td>VOCS</td> <td>TPH-g</td> <td>TPH-d,mn</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										Method No.	EPA 8260B	EPA 8015B	EPA 8015B																	Analyte Group	VOCS	TPH-g	TPH-d,mn																Revision: _____ (A, B, C, D, etc.)	
Method No.	EPA 8260B	EPA 8015B	EPA 8015B																																																			
	Analyte Group	VOCS	TPH-g	TPH-d,mn																																																		
<b>Reporting:</b> Electronic Format: none      Hard Copy Format: PDF EPA Data Report Level: II Please report results to the following: (1) <b>Earl James:</b> ejames@ekiconsult.com (2) <b>Cindy Cheng:</b> ccheng@ekiconsult.com (3) <b>Jeff Shaw:</b> jshaw@ekiconsult.com (4) <b>Logan Hansen:</b> lohansen@ekiconsult.com		<b>Laboratory:</b>  K Prime, Inc. 3621 Westwind Blvd Santa Rosa, CA 95403 (707) 527-7574		Field Filtered with 0.45-micron filter										Date: _____ By: _____																																								
<b>Field Sample Identification</b>	<b>Lab Sample No.</b>	<b>Date</b>	<b>Time</b>	<b>Matrix</b>	<b>Number / Type of Container (Preservative)</b>																																																	
G1-17.0	97155	21 Dec 2011	1610	Water	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)																																																	
G8-11.0	97156	22 Dec 2011	1040	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)																																																	
G7-17.0	97157	"	1210	"	3 - VOAs (HCl) 5 - VOAs (HCl) 1 - Amber Liter (none)																																																	
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<b>Special Instructions:</b>																																																						
<b>Relinquished by:</b> <i>[Signature]</i> (Signature/Affiliation) EKI					<b>Date:</b> 22 Dec '11		<b>Time:</b> 1458		<b>Received by:</b> <i>[Signature]</i> (Signature/Affiliation or Carrier/Air Bill No.)					<b>Date/Time:</b> 12/22/11 3:00																																								
<b>Relinquished by:</b> <i>[Signature]</i> (Signature/Affiliation)					<b>Date:</b> 12/22/11		<b>Time:</b> 1740		<b>Received by:</b> <i>[Signature]</i> (Signature/Affiliation)					<b>Date/Time:</b> 12/22/11 1740																																								
<b>Relinquished by:</b> (Signature/Affiliation)					<b>Date:</b>		<b>Time:</b>		<b>Received by:</b> (Signature/Affiliation)					<b>Date/Time:</b>																																								