

**Phase II Environmental Site Assessment  
727 Pine Street  
APN 6-45-26  
Oakland, California**

December 16, 2010

**Prepared Under USEPA Brownfields Grant # 2B-00T18101-0**

*For:*

City of Oakland  
250 Frank H. Ogawa Plaza, 4th Floor  
Oakland, California 94612

*Prepared By:*

Northgate Environmental Management, Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, California 94612



---

Dennis Laduzinsky, C.E.G., R.E.A.  
Principal



## TABLE OF CONTENTS

<b>1.0</b>	<b>INTRODUCTION AND SCOPE OF SERVICES.....</b>	<b>1</b>
<b>2.0</b>	<b>BACKGROUND .....</b>	<b>2</b>
2.1	SITE DESCRIPTION .....	2
2.2	PREVIOUS INVESTIGATIONS .....	2
<b>3.0</b>	<b>SOIL AND GROUNDWATER INVESTIGATION.....</b>	<b>4</b>
3.1	INVESTIGATION METHODS.....	4
3.1.1	Sampling and Analysis .....	4
3.1.2	Data Evaluation.....	5
3.2	INVESTIGATION RESULTS.....	6
3.2.1	Scanning for USTs.....	6
3.2.2	Subsurface Conditions .....	7
3.2.3	Soil Quality .....	7
3.2.4	Groundwater Quality .....	8
3.3	QUALITY ASSURANCE/QUALITY CONTROL.....	9
<b>4.0</b>	<b>CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>11</b>
<b>5.0</b>	<b>LIMITATIONS.....</b>	<b>12</b>

### TABLES

- 1 Soil Sample Analytical Results – TPH and VOCs
- 2 Soil Sample Analytical Results - Metals
- 3 Groundwater Sample Analytical Results

### FIGURES

- 1 Site Location Map
- 2 Site Plan

### APPENDICES

- A Boring Permits
- B Boring Logs
- C Laboratory Analytical Reports



## 1.0 INTRODUCTION AND SCOPE OF SERVICES

This report presents the results of a Phase II Environmental Site Assessment performed by Northgate Environmental Management, Inc. (Northgate) for the City of Oakland at 727 Pine Street in Oakland, California (the Site). The Site consists of an approximate 10,000 square foot vacant, landscaped parcel located west of the intersection of Pine and Goss Streets. The parcel is identified as Assessor's Parcel Number (APN) 6-45-26 in Alameda County. A Site Location Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

The purpose of the investigation has been to evaluate the potential presence of contamination in shallow soil and groundwater at the Site. The investigation was funded by USEPA Brownfields Grant # 2B-00T18101-0.

The scope of work for this investigation included the following services:

- Scanning the property with a metal detecting device to evaluate the Site for the possible presence of underground storage tanks (USTs) and buried debris;
- Collecting soil and/or groundwater samples from 12 borings advanced at the Site;
- Selectively analyzing soil and groundwater samples for 17 metals, total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs); and
- Preparing this report.



## **2.0 BACKGROUND**

### **2.1 Site Description**

The subject Site is currently a vacant, landscaped parcel located immediately west of the intersection of Pine and Goss Streets in Oakland, California. The Site is bordered on the west and southwest by a cutoff wall for the 7<sup>th</sup> Street undercrossing to the 880 Freeway; on the north and southeast by private residences; and on the east by Pine and Goss Streets.

The original parcel, prior to the freeway construction, was approximately twice its current size and was the former location of a City of Oakland Fire Station (Fire Station #3). This Site is one of 34 properties listed under a Voluntary Clean-up Agreement between California Department of Transportation (Caltrans) and the California Department of Toxic Substances Control (DTSC) covering remedial actions at properties associated with the Cypress Freeway Reconstruction Project. The subject Site has been a vacant, cleared lot since the construction of the 880 Freeway.

### **2.2 Previous Investigations**

In June 1992 a site investigation was conducted by Geo Resource Consultants, Inc. for Caltrans, as part of the Cypress Freeway Reconstruction Project to determine if contamination was present on the Site. Four 10- to 20-foot deep soil borings, and one 2-inch diameter, 20-foot deep, polyvinyl chloride (PVC) monitoring well were installed at the Site. Approximately 12 soil samples from the unsaturated zone and two groundwater samples (one grab sample and one well sample) were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d). TPH-d was not detected in any of the samples. The samples were collected in the northeastern quadrant of the Site, in the vicinity of the on-Site UST(s).

The Site was included in a multi-site remedial action plan (RAP) dated August 14, 1995 prepared by Caltrans for the DTSC. Fire Station #3 was listed as a “Contract B Site” where investigation of a UST found no contamination. A subsequent UST closure report dated January 14, 1996, prepared by OSIGO Environmental for Caltrans, describes the removal of a 1,000 gallon, fiberglass, single-wall diesel tank on October 20, 1995 and presents confirmatory soil sampling analytical results. During tank excavation, soil samples were collected by pushing 2-inch x 6-inch brass sleeve directly into soil collected from the ends of the tank using a backhoe. Three soil samples were collected and analyzed for TPH as diesel (TPH-d) using EPA Method 3550/8015M. Two samples contained 1,400 and 920 milligrams per kilogram (mg/kg) of TPH-d; the third sample did not contain TPH-d above the laboratory method reporting limit (MRL) of 1 mg/kg. Two additional soil samples were collected in the same vicinity on December 5, 1995



after the tank excavation was backfilled. Neither sample contained TPH-d above the laboratory MRL. On June 30, 1996, the DTSC filed a report of completion and removal action certification, indicating that no additional work was required at the Site, and that no long-term operation and maintenance, or land use covenant would be required. The current investigation was performed to confirm the absence of significant environmental impact at the Site.



## 3.0 SOIL AND GROUNDWATER INVESTIGATION

### 3.1 Investigation Methods

#### 3.1.1 Sampling and Analysis

Northgate performed soil and groundwater sampling at the subject Site on May 26, 2011. Field work included scanning the property with remote sensing equipment to evaluate the Site for the possible presence of USTs and buried debris. Following the scanning, six borings were advanced to depths of up to 16 feet below the ground surface (bgs) for collecting soil and groundwater samples, and six additional borings were advanced to approximately two feet bgs for collecting shallow soil samples. Approximate boring locations are shown on Figure 2. Permits for the borings obtained from the Alameda County Public Works Department are presented in Appendix A.

The deep borings were advanced using a truck mounted direct-push GeoProbe drill rig. During sampling, continuous cores of the subsurface materials were collected in clear acetate liners. Upon removing the samples from the borehole, the acetate liner containing the soil core was opened at various intervals, and the soils were screened the possible presence of contamination using a photoionization detector (PID). The shallow borings were advanced using hand auger equipment. Upon removing the auger from the borehole, the soils were visually inspected and were screened for the possible presence of contamination using a PID. Borings were logged in the field in accordance with the Unified Soils Classification System (USCS). Copies of the boring logs are attached in Appendix B.

Soil samples were collected for chemical analysis at approximate depths of 1.5 feet bgs in every boring and from approximately 5 to 7 feet bgs in the deep borings. Sample intervals selected for chemical analysis from the Geoprobe borings were cut from the liners, sealed with Teflon tape and plastic caps, labeled, and stored on ice in a cooler. Samples from the hand auger borings were manually placed in glass sample jars, sealed with Teflon-lined lids, labeled, and stored on ice in a cooler. Samples were transported to the testing laboratory under appropriate chain-of-custody control. Duplicate soil samples were collected at 7 feet bgs from boring B-5 and at 1.5 feet bgs from boring B-11. As none of the samples exhibited obvious presence of contamination, boring locations for duplicate sample collection were chosen at random.

Groundwater samples were collected at borings B-1, B-3, and B-4 by lowering a perforated PVC casing into the borehole and collecting groundwater samples from the casing using a peristaltic pump with dedicated tubing. A duplicate groundwater sample was collected at boring B-3. In addition, a groundwater sample was collected from the on-Site monitoring well, after purging



approximately 2.5 gallons, using a peristaltic pump with dedicated tubing. Groundwater samples were placed in laboratory-supplied glassware, labeled, and stored on ice in a cooler for transport to the laboratory under appropriate chain-of-custody control. Samples were analyzed at Torrent Laboratories of Milpitas, California.

Soil samples from a depth of 1.5 feet bgs were analyzed for the following constituents:

- Total petroleum hydrocarbons as gasoline (TPH-g) and diesel (TPH-d) using EPA Methods 8260 and 8015, respectively; and
- 17 metals using EPA 6010/7471.

Six soil samples collected at depths ranging from 5 to 7 feet bgs were analyzed for:

- TPH-d using EPA Method 8015 modified;
- TPH-g and VOCs using EPA Method 8260; and
- 17 metals using EPA Method 6010/7471.

All groundwater samples were analyzed for:

- TPH-d using EPA Method 8015 modified;
- TPH-g and VOCs using EPA Method 8260; and
- CAM 17 metals using EPA Method 6010/7471.

All drilling equipment was steam-cleaned or washed and rinsed prior to use at each boring location. After completion of sampling activities, all borings were backfilled with neat cement in accordance with the Alameda County Public Works Agency, Water Resources Section permit requirements. Soil cuttings and groundwater generated during the drilling and sampling were stored on the Site in a sealed 55-gallon drum.

### **3.1.2 Data Evaluation**

Chemical test results from soil and groundwater samples collected during this investigation were evaluated using Environmental Screening Levels (ESLs) established by the California Regional Water Quality Control Board (RWQCB) (*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final, November 2005, Revised May 2008) except for lead, which was evaluated using the California Human Health Screening Levels (CHHSLs) for residential and commercial land use established by the California EPA in 2009; and the Total Threshold Limit Concentrations (TTLCs), established by the State of California (Title 22,



California Code of Regulations) for defining a waste as a hazardous waste for landfill disposal purposes.

The RWQCB ESLs are developed using a tiered approach to environmental risk assessment. For site characterization studies such as the present investigation, Tier 1 ESLs are used as a general screening guide to determine whether additional investigation, remedial actions, or risk assessment may be required. The ESLs are not regulatory cleanup standards, and the presence of a chemical at a concentration above the Tier 1 ESL does not necessarily indicate that adverse impacts to human health or the environment are occurring, but rather, indicate that a potential for adverse risk may exist and that additional evaluation may be warranted. The Tier 1 ESLs are conservative, and are generally based on an assumption of future residential land use, and the potential use of groundwater as a drinking water supply; assumptions that may not necessarily be applicable to a particular site. This report also considers RWQCB ESLs for commercial / industrial land use and ESLs for evaluating direct human exposure to soil for construction workers. Based on a reduction in blood lead level benchmarks for children, the DTSC in September 2009 lowered the established CHHSL for lead in residential land use to 80 ppm. That screening level is used in place of the RWQCB Tier 1 ESL for lead in soil in this report.

It should also be noted that in some cases, particularly with respect to metals such as arsenic and vanadium, the RWQCB Tier 1 ESLs are actually lower than the naturally occurring regional background concentrations. In these cases, generally accepted background concentrations are used for evaluation. The TTLCs are used to define a waste material as a hazardous or non-hazardous waste for landfill disposal purposes, and do not necessarily have any relation to health risk evaluation.

The groundwater sample test results were evaluated using the Maximum Contaminant Level (MCL, the State primary drinking water standard) established under Title 22 of the California Code of Regulations, and the RWQCB ESLs for evaluating potential vapor intrusion into indoor air.

## **3.2 Investigation Results**

### ***3.2.1 Scanning for USTs***

Scanning the Site with remote sensing equipment (e.g., metal detecting devices) indicated the presence of several underground utilities, including electric lines and storm water lines, along the north, west, and southeast borders of the Site. However, the scanning did not identify any USTs or large areas of buried debris.





### **3.2.2 Subsurface Conditions**

Subsurface soils encountered at the Site consisted primarily of well graded sand underlain by a clayey sand. Trace glass, brick, and metal fragments were observed within the top one to two feet of soil in most borings. Large concrete fragments were encountered at approximately 0.5 and 2 feet bgs in borings B-7 through B-12, advanced on the southern half of the Site. Hand auger depth was restricted to approximately 2 feet bgs in that portion of the Site, due to the concrete debris. Groundwater was encountered at depths of 7 to 8 feet bgs in borings B-1 through B-6. Boring logs are attached in Appendix B.

### **3.2.3 Soil Quality**

Soil sample analytical results are presented in Table 1, and laboratory analytical reports are presented in Appendix C. As shown in Table 1, TPH as gasoline (TPH-g) and VOCs were not detected above their respective laboratory MRLs in any of the soil samples collected at the Site. TPH-d was detected in five soil samples collected at the Site at concentrations ranging from 2.0 to 2.7 mg/kg. The laboratory report noted that several reported concentrations of TPH-d should be considered estimated values (J-flagged) and that the 2.2 mg/kg of TPH-d measured in the 5.5 foot bgs sample from boring B-4 did not match a typical diesel standard pattern. None of the reported concentrations of TPH-d exceeded the RWQCB Tier 1 and commercial/industrial land use ESLs of 83 mg/kg or the construction worker exposure ESL of 4,200 mg/kg.

Test results for metals are shown in Table 2. With the exception of arsenic, lead, and vanadium, metals were reported at concentrations below their respective Tier 1 ESLs. Antimony, beryllium, cadmium, molybdenum, selenium, silver, and thallium were not measured above the laboratory MRLs in any samples analyzed.

As shown in Table 2, arsenic was reported in the samples at concentrations of about 2.2 to 7.1 mg/kg. All of these reported concentrations exceed the RWQCB Tier 1 ESL, and the commercial/industrial land use ESL. However, none of the measured concentrations are above the RWQCB ESL for construction worker exposure of 15 mg/kg. All of the detected values were less than the TTLC of 500 mg/kg. In our opinion, the concentrations of arsenic reported in these samples are within the range of naturally occurring background levels and do not appear to represent a significant environmental concern.

Lead concentrations in two samples (B-8-S1-1.5 at 92 mg/kg and B-12-S1-1.5 at 120 mg/kg) exceed the CHHSL of 80 mg/kg for unrestricted land use. None of the samples contained lead above the CHHSL for commercial land use of 320 mg/kg, or the ESL for construction worker exposure of 750 mg/kg. It should be noted that soluble lead could potentially be present at



concentrations that might classify the soil as a hazardous waste for landfill disposal purposes in five samples (B-7-S1-1.5, B-8-S1-1.5, B-10-S1-1.5, B-11-S9-1.5, B-12-S1-1.5) that contain lead above 50 mg/kg. However, no solubility testing for lead was performed as part of this investigation.

Vanadium was measured in all but four soil samples, at concentrations ranging from 18 to 32 mg/kg. All of the reported concentrations exceed the RWQCB Tier 1 ESL of 16 mg/kg. However, none of the results exceed the RWQCB ESL for commercial/industrial land use of 200 mg/kg, the RWQCB ESL for construction worker exposure of 770 mg/kg, or the TTLC of 2,400 mg/kg. In our opinion, the concentrations of vanadium reported in these samples are within the range of naturally occurring background levels and do not appear to represent a significant environmental concern.

### ***3.2.4 Groundwater Quality***

Groundwater samples were collected from borings B-1, B-3, and B-4 as well as from the on-Site monitoring well (MW-1). A duplicate groundwater sample was collected from boring B-3 (sample B-3-S9-GG). Chemical test results are presented in Table 3 and laboratory analytical reports are presented in Appendix C.

As shown in Table 3, TPH-g and TPH-d were not detected above the laboratory MRLs in any of the samples analyzed, with the exception of 690 micrograms per liter ( $\mu\text{g/l}$ ) of TPH-d reported in the sample collected from the on-Site monitoring well (MW-1-GW). The measured concentration exceeds the ESL for drinking water of 100  $\mu\text{g/l}$  for TPH-d but does not exceed the ESL of 2,500  $\mu\text{g/l}$  for TPH-d in non-drinking water. VOCs were not detected above the laboratory MRLs in any groundwater sample analyzed.

With the exception of arsenic, barium, cobalt, molybdenum, and nickel, dissolved metals were not detected above the laboratory MRLs in any of the groundwater samples collected at the Site. Arsenic was detected in the groundwater sample from boring B-3 at a concentration of 0.0097 milligrams per liter (mg/l). Barium was reported at concentrations ranging from 0.066 to 0.17 mg/l in all groundwater samples collected at the Site. Cobalt was detected at concentrations ranging from 0.0075 to 0.021 mg/l in the four grab groundwater samples from borings B-1, B-3 (primary and duplicate), and B-4. Molybdenum was detected in grab groundwater samples collected from borings B-1, B-3 (primary sample only), and B-4 at concentrations of 0.025, 0.011, and 0.014 mg/l, respectively. Nickel was detected in all of the grab groundwater samples at concentrations ranging from 0.010 to 0.022 mg/l. None of the reported metals concentrations exceed their respective MCLs for drinking water, where established.



### 3.3 Quality Assurance/Quality Control

Soil and groundwater samples were collected following sampling protocols and QA/QC procedures outlined in the *Sampling and Analysis Plan*, prepared by Northgate on May 13, 2011.

QC objectives include *precision*, a measure of mutual agreement among individual measurements of the same property; *accuracy*, the agreement of a measurement with the accepted reference value; *representativeness*, the degree to which sample distribution falls within the statistical bounds of a population; *completeness*, a measure of the amount of valid data obtained compared to what was planned; and *comparability*, the confidence with which one data set can be compared to another. QC procedures are designed to increase or improve data quality and to help interpret discrepancies in results. Sampling QA/QC procedures were followed with respect to equipment, field procedures, sample containers, decontamination, storage, holding times, and field QC sampling. Chain-of-custody forms were completed for all samples, and samples were preserved according to the analytical method requirements. Torrent Laboratories in Milpitas, California, performed the analyses and are state-certified for the methods listed. All samples were preserved according to analytical methods, all analyses were performed according to standard methods, and all sample holding times and preservation requirements were met.

Analytical results were reported for all values above the method detection limit (MDL). Several QA/QC analyses were performed by the analytical laboratory. Method blanks were analyzed for each analytical method performed to assess the level of contamination introduced by the laboratory. Results of the method blank analyses were all non-detect, with the exception of TPH-d and TPH-mo, reported at 0.78 and 2.1 mg/kg in the method blank sample for soil. Several metals were also reported at very low-level concentrations in the method blank samples for soil and groundwater. Surrogate recoveries were performed in which selected samples were spiked with a known concentration of contaminant (laboratory control spike [LCS] and laboratory control spike duplicate [LCSD]) and the percent recovery was calculated to assess the accuracy of the analytic method. Surrogate recoveries and the relative percent difference (RPD) between duplicate results—calculated to assess the precision of the data—were all within the acceptable range. Northgate submitted and analyzed one trip blank for VOCs. Results of the trip blank analysis were all non-detect.

Northgate collected one duplicate soil sample for VOCs at a depth of 7.0 feet bgs at boring B-5 during the investigation (sample B-5-S9-7.0 in Table 1). Comparison of primary and duplicate sample results is used to assess the precision of the field data. VOCs were not detected in either the primary or the duplicate sample. Two duplicate soil samples were collected for TPH and metals (samples B-5-S9-7.0 and B-11-S9-1.5 in Tables 1 and 2). TPH-g was not detected in



either the primary or the duplicate samples. TPH-d was not detected in the primary or duplicate samples from boring B-5. TPH-d was not detected above the MDL of 1.53 mg/kg in the primary sample from boring B-11 but was reported at 2.0 mg/kg in the duplicate sample. However, the detection of TPH-d in the duplicate sample was below the method reporting limit and therefore, an estimated (J flagged) result. In our opinion, the slight difference in analytic results for TPH-d in the primary and duplicate soil samples are within acceptable ranges. All soil test results are considered usable, although J flagged results should be considered qualitative.

Metals concentrations were generally comparable in the primary and duplicate samples with all RPDs falling below 50%, with the exception of total lead. The duplicate soil sample collected at a depth of 1.5 feet bgs at boring B-11 (B-11-S9-1.5) contained 66 mg/kg of lead while the primary sample (B-11-S1-1.5) contained only 33 mg/kg, an RPD of 67%. In our opinion, the high RPD is due to the natural heterogeneity in soil samples. The results should be considered acceptable.

Northgate collected one duplicate groundwater sample from boring B-3 during the investigation (sample B-3-S9-GG in Table 3). No TPH-g, TPH-d, or VOCs were detected in either the primary or the duplicate sample. Metals were generally comparable in the primary and duplicate samples with RPDs below 30%, with the exception of cobalt. Cobalt (dissolved) was detected in the primary sample at 0.021 mg/l and at 0.011 mg/l in the duplicate sample; an RPD of 63%. The laboratory report did not indicate any issues with sample preparation or analysis for dissolved cobalt. In our opinion, the high RPD is due to the natural heterogeneity in groundwater samples or due to a potential sample collection error. The results should be considered acceptable.



#### 4.0 CONCLUSIONS AND RECOMMENDATIONS

The soil and groundwater sampling performed during this investigation indicates that low levels of TPH-d are present in shallow soil and groundwater at the Site. However, the measured concentration of diesel in soil (a maximum of 2.2 mg/kg) is well below the RWQCB Tier 1 ESL for residential land use of 83 mg/kg. The groundwater sample collected from on-Site monitoring well MW-1 contained TPH-d at 690 µg/l which exceeds the RWQCB ESL for drinking water (100 µg/l) but not for ESL for non-drinking water sources (2,500 µg/l). Given that TPH-d was not detected above the MDL in the three other grab groundwater samples collected at the Site, and that groundwater beneath the Site is not likely to be used as a drinking water source, it is our opinion that the TPH-d reported in the groundwater sample collected from monitoring well MW-1 does not represent a significant environmental concern. Other VOCs, including benzene, MTBE, and naphthalene, were not measured in any of the soil or groundwater samples analyzed at the Site.

Metals were measured in soil samples collected at the Site at concentrations generally representative of naturally occurring background levels. However, two surface soil samples collected from the south-eastern portion of the Site contained lead at concentrations that slightly exceed the CHHSL for unrestricted residential land use. Sample B-8-S1-1.5 reported lead at 92 mg/kg, and sample B-12-S1-1.5 reported lead at 120 mg/kg. These concentrations exceed the CHHSL for residential land use of 80 mg/kg, but not the CHHSL for commercial/industrial land use of 320 mg/kg. We recommend that shallow soil from this area of the Site be selectively excavated, stockpiled, retested for lead, and removed from the Site if appropriate, if the Site will be redeveloped for residential land use. Metals were not measured in groundwater at the Site above an established MCL.



## 5.0 LIMITATIONS

The purpose of a soil and groundwater quality investigation is to reasonably characterize existing Site conditions based on the results of a limited target subsurface investigation. In performing such a study, it is understood that a balance must be struck between a reasonable inquiry into the Site conditions and an exhaustive analysis of each conceivable environmental characteristic. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to describe all environmental conditions of interest at a given Site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Buried concrete debris prevented the collection of soil samples deeper than 1.5 feet bgs within the southern half of the subject Site. Therefore, subsurface soil conditions below 1.5 feet bgs within the southern portion of the Site have not been assessed as part of this investigation.

We are unable to report on or accurately predict events that may change the Site conditions after the described services are performed, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Environmental conditions may exist at the Site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.



## **TABLES**



**TABLE 1**  
**Soil Sample Analytical Results - TPH and VOCs**

Soil Sample ID	Sample Depth	ANALYTE							
		Total Petroleum Hydrocarbons		Volatile Organic Compounds					
		TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Other VOCs
		mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
B-1-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-1-S2-7.0	7.0	< 0.1	< 2.0	< 10	< 10	< 10	< 15	< 10	ND
B-2-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-2-S2-5.0	5.0	< 0.1	< 2.0	< 10	< 10	< 10	< 15	< 10	ND
B-3-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-3-S2-7.0	7.0	< 0.1	< 2.0	< 10	< 10	< 10	< 15	< 10	ND
B-4-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-4-S2-5.5	5.5	< 0.1	<b>2.2<sup>1</sup></b>	< 10	< 10	< 10	< 15	< 10	ND
B-5-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-5-S2-7.0	7.0	< 0.1	< 2.0	< 10	< 10	< 10	< 15	< 10	ND
B-5-S9-7.0	7.0	< 0.1	< 2.0	< 10	< 10	< 10	< 15	< 10	ND
B-6-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-6-S2-5.0	5.0	< 0.1	<b>2.0</b>	< 10	< 10	< 10	< 15	< 10	ND
B-7-S1-1.5	1.5	< 0.1	< 2.0	--	--	--	--	--	--
B-8-S1-1.5	1.5	< 0.1	<b>2.7 J</b>	--	--	--	--	--	--
B-9-S1-1.5	1.5	< 0.1	< 1.53	--	--	--	--	--	--
B-10-S1-1.5	1.5	< 0.1	< 1.53	--	--	--	--	--	--
B-11-S1-1.5	1.5	< 0.1	< 1.53	--	--	--	--	--	--
B-11-S9-1.5	1.5	< 0.1	<b>2.0 J</b>	--	--	--	--	--	--
B-12-S1-1.5	1.5	< 0.1	<b>2.7 J</b>	--	--	--	--	--	--
<b>Regulatory Standards</b>									
<b>RWQCB ESL - Tier 1</b>		83	83	44	2,900	2,300	2,300	23	na
<b>RWQCB ESL - Commercial/Industrial</b>		83	83	44	2,900	3,300	2,300	23	na
<b>RWQCB ESL - Construction Worker</b>		4,200	4,200	12,000	650,000	210,000	420,000	2,800,000	na
<b>TTLC</b>		ne	ne	ne	ne	ne	ne	ne	na

**NOTES**

- mg/kg: milligrams per kilogram (parts per million)
- µg/kg: micrograms per kilogram (parts per billion)
- TPH: Total Petroleum Hydrocarbons
- MTBE: Methyl tert-butyl ether
- <: Not detected at or above the indicated laboratory method reporting limit
- (1) = Not typical of Diesel standard pattern (unknown discrete hydrocarbon peaks)
- J = Indicates a value between the method detection limit and the practical quantitation limit and that the reported concentration should be considered as estimated
- : Not tested
- ND: Not detected above the laboratory method reporting limit; limits vary by compound
- ne: Not established
- na: Not applicable



**TABLE 2**  
**Soil Sample Analytical Results - Metals**

Soil Sample ID	Sample Depth	ANALYTE																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B-1-S1-1.5	1.5	< 5.0	2.3	37	< 2.0	< 1.0	27	< 5.0	5.2	3.8	< 0.10	< 5.0	17	< 5.0	< 1.0	< 5.0	20	13
B-1-S2-7.0	7.0	< 5.0	2.3	44	< 2.0	< 1.0	27	6.5	6.7	3.2	< 0.10	< 5.0	32	< 5.0	< 1.0	< 5.0	22	20
B-2-S1-1.5	1.5	< 5.0	< 1.7	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 0.10	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0
B-2-S2-5.0	5.0	< 5.0	< 1.7	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 0.10	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0
B-3-S1-1.5	1.5	< 5.0	< 1.7	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 0.10	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0
B-3-S2-7.0	7.0	< 5.0	< 1.7	49	< 2.0	< 1.0	26	6.4	5.6	2.8	< 0.10	< 5.0	31	< 5.0	< 1.0	< 5.0	20	19
B-4-S1-1.5	1.5	< 5.0	2.5	57	< 2.0	< 1.0	25	< 5.0	5.0	2.4	< 0.10	< 5.0	15	< 5.0	< 1.0	< 5.0	18	20
B-4-S2-5.5	5.5	< 5.0	2.8	38	< 2.0	< 1.0	42	< 5.0	< 5.0	5.4	< 0.10	< 5.0	21	< 5.0	< 1.0	< 5.0	32	14
B-5-S1-1.5	1.5	< 5.0	< 1.7	71	< 2.0	< 1.0	25	< 5.0	7.2	25	0.13	< 5.0	16	< 5.0	< 1.0	< 5.0	19	27
B-5-S2-7.0	7.0	< 5.0	2.2	72	< 2.0	< 1.0	33	8.1	7.3	3.3	< 0.10	< 5.0	34	< 5.0	< 1.0	< 5.0	25	21
B-5-S9-7.0	7.0	< 5.0	3.0	46	< 2.0	< 1.0	35	5.1	6.7	4.7	< 0.10	< 5.0	33	< 5.0	< 1.0	< 5.0	25	21
B-6-S1-1.5	1.5	< 5.0	< 1.7	45	< 2.0	< 1.0	23	< 5.0	13	33	0.21	< 5.0	17	< 5.0	< 1.0	< 5.0	18	29
B-6-S2-5.0	5.0	< 5.0	2.4	54	< 2.0	< 1.0	33	7.0	6.9	3.2	< 0.10	< 5.0	31	< 5.0	< 1.0	< 5.0	28	19
B-7-S1-1.5	1.5	< 5.0	3.4	74	< 2.0	< 1.0	32	5.1	13	64	0.15	< 5.0	24	< 5.0	< 1.0	< 5.0	23	51
B-8-S1-1.5	1.5	< 5.0	7.1	110	< 2.0	< 1.0	28	6.7	22	92	0.28	< 5.0	29	< 5.0	< 1.0	< 5.0	24	87
B-9-S1-1.5	1.5	< 5.0	3.6	75	< 2.0	< 1.0	29	5.5	17	37	0.15	< 5.0	25	< 5.0	< 1.0	< 5.0	24	48
B-10-S1-1.5	1.5	< 5.0	4.2	66	< 2.0	< 1.0	29	6.4	17	61	0.17	< 5.0	27	< 5.0	< 1.0	< 5.0	23	62
B-11-S1-1.5	1.5	< 5.0	4.1	55	< 2.0	< 1.0	24	< 5.0	13	33	< 0.10	< 5.0	23	< 5.0	< 1.0	< 5.0	19	45
B-11-S9-1.5	1.5	< 5.0	5.0	76	< 2.0	< 1.0	24	5.1	15	66	0.14	< 5.0	22	< 5.0	< 1.0	< 5.0	22	56
B-12-S1-1.5	1.5	< 5.0	3.5	91	< 2.0	< 1.0	24	5.7	28	120	0.35	< 5.0	20	< 5.0	< 1.0	< 5.0	25	120
<b>Regulatory Standards</b>																		
RWQCB ESL - Tier 1		6.3	0.39	750	4	1.7	750	40	230	80*	1.3	40	150	10	20	1.3	16	600
RWQCB ESL - Commercial/Industrial		40	1.6	1,500	8	7.4	750	80	230	320*	10	40	150	10	40	16	200	600
RWQCB ESL - Construction Worker		310	15	2,600	98	39	1,200,000	94	310,000	750	58	3,900	260	3,900	3,900	62	770	230,000
VTA SV		ne	5.5	ne	ne	ne	ne	ne	ne	646	ne	ne	ne	ne	ne	ne	ne	ne
TTLIC		500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000

NOTES

mg/kg: milligrams per kilogram (parts per million)

<: Not detected at or above the indicated laboratory method reporting limit

ne: Not established

ESL: Tier 1 - Environmental Screening Level for soil <10 feet deep in residential land use (RWQCB, 2008 Table A-1)

\* - California Human Health Screening Level for residential/commercial land use established by California EPA is listed (September 2009)

Commercial/Industrial - soil screening level for soil <10 feet deep in commercial/industrial land use (RWQCB, 2008 Table A-2)

Construction Worker - soil screening level for direct exposure of construction/trench worker (RWQCB, 2008 Table K-3)

TTLIC: Total Threshold Limit Concentration for defining a waste as a hazardous waste

**TABLE 3**  
**Groundwater Sample Analytical Results**

Analyte	Units	Sample ID					Regulatory Standards	
		B-1-GG-7.2	B-3-GG-7.3	B-3-S9-GG	B-4-GG-8.0	MW-1-GW	RWQCB ESL	MCL
							Vapor Intrusion	
TPH as Gasoline	µg/l	< 50	< 50	< 50	< 50	< 50	ne	100/5,000 <sup>a</sup>
TPH as Diesel	µg/l	< 100	< 100	< 100	< 130	<b>690</b> <sup>1</sup>	ne	100/2,500 <sup>a</sup>
<b>Volatile Organic Compounds</b>								
Benzene	µg/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1,800	1
Toluene	µg/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	530,000	150
Ethylbenzene	µg/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	170,000	300
Xylenes	µg/l	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	160,000	1,750
MTBE	µg/l	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	80,000	13
Other VOCs	µg/l	ND	ND	ND	ND	ND	na	na
<b>Dissolved Metals</b>								
Antimony	mg/l	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	ne	0.006
Arsenic	mg/l	< 0.009	<b>0.0097</b>	< 0.009	< 0.009	< 0.009	ne	0.01
Barium	mg/l	<b>0.071</b>	<b>0.16</b>	<b>0.17</b>	<b>0.066</b>	<b>0.083</b>	ne	1
Beryllium	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ne	0.004
Cadmium	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ne	0.005
Chromium	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ne	0.05
Cobalt	mg/l	<b>0.0075</b>	<b>0.021</b>	<b>0.011</b>	<b>0.019</b>	< 0.005	ne	ne
Copper	mg/l	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	ne	1.3
Lead	mg/l	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	ne	0.015
Mercury	mg/l	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	ne	0.002
Molybdenum	mg/l	<b>0.025</b>	<b>0.011</b>	< 0.009	<b>0.014</b>	< 0.009	ne	ne
Nickel	mg/l	<b>0.010</b>	<b>0.022</b>	<b>0.020</b>	<b>0.015</b>	< 0.009	ne	0.1
Selenium	mg/l	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	ne	0.05
Silver	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ne	ne
Thallium	mg/l	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	ne	0.002
Vanadium	mg/l	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	ne	ne
Zinc	mg/l	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	ne	ne

**NOTES**

µg/L: micrograms per liter (parts per billion)

mg/l: Milligrams per liter (parts per million)

S9: duplicate sample from boring B-3

<: Not detected at or above the indicated laboratory method reporting limit

ND: Not detected above the laboratory method reporting limit; limits vary by compound

ne: Not established

na: Not applicable

(1) Not typical of diesel standard pattern (unknown discrete hydrocarbon peaks present)

ESL: Vapor Intrusion - Environmental Screening Level for potential vapor intrusion into buildings (RWQCB, 2008 Table E-1)

MCL: Maximum contaminant level for drinking water, California Department of Public Health (October 2008)

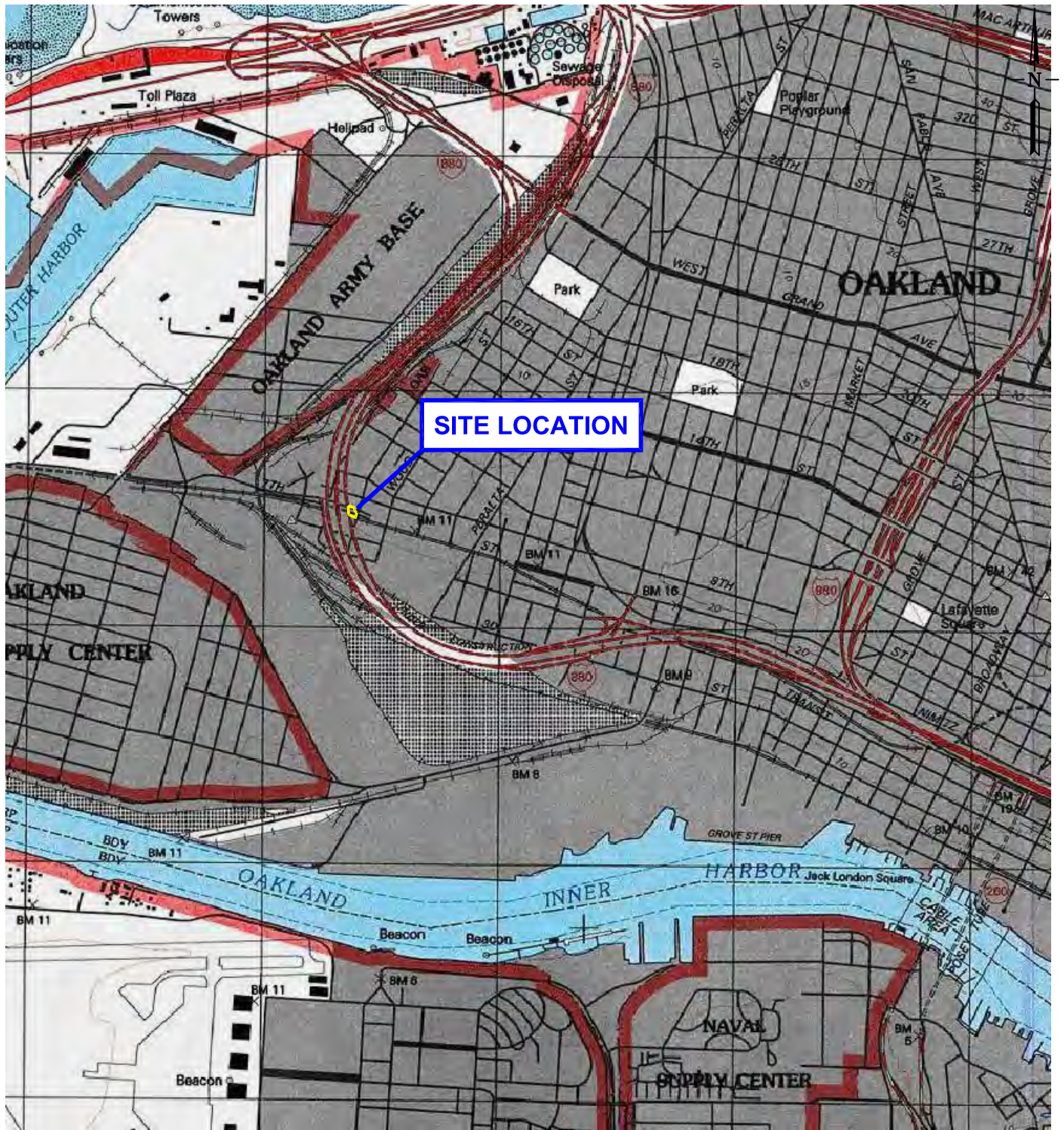
a: MCL not established. ESL for drinking water / non-drinking water shown instead (RWQCB, 2008)

TPH: Total Petroleum Hydrocarbons

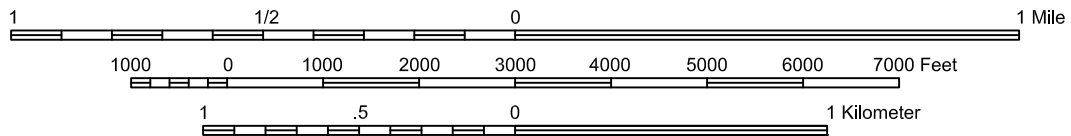
MTBE: Methyl tert-butyl ether

## FIGURES





Scale 1:24,000



**FIGURE 1**  
**Site Location Map**

Phase II Environmental Site Assessment  
727 Pine Street, Caltrans Property  
Oakland, California







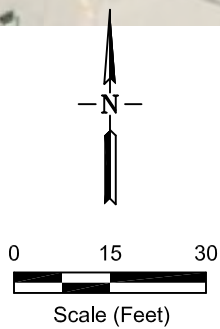
Project No. 1204.20

Source: National Geographic USGS TOPO! 2000



**LEGEND:**

-  Property boundary
-  Soil and groundwater boring location
-  Monitoring well noted on 01/26/2011 site visit
-  Soil only boring location



**FIGURE 2**  
**Site Plan**

Phase II Environmental Site Assessment  
727 Pine Street, Caltrans Property  
Oakland, California



**APPENDIX A  
BORING 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: 05/20/2011 By jamesy

Permit Numbers: W2011-0340  
Permits Valid from 05/26/2011 to 05/27/2011

Application Id: 1305667848671  
Site Location: 727 Pine Street, Oakland, CA  
Project Start Date: 05/26/2011  
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site:Oakland

Completion Date:05/27/2011

Applicant: Northgate - Anya Starovoytov  
300 Frank H Ogawa Plaza, Ste 510, Oakland, CA 94612  
Property Owner: CALTRANS, Office of Engineering  
110 Grand Avenue, Oakland, CA 94612  
Client: City of Oakland - Gopakumar Nair  
250 Frank Ogawa Plaza, 4th Flr., Oakland, CA 94612

Phone: 510-839-0688

Phone: --

Phone: --

Receipt Number: WR2011-0148 Total Due: \$265.00  
Payer Name : Northgate Total Amount Paid: \$265.00  
Paid By: CHECK PAID IN FULL

## Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 12 Boreholes

Driller: RSI Drilling - Lic #: 802334 - Method: other

Work Total: \$265.00

### Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0340	05/20/2011	08/24/2011	12	4.00 in.	25.00 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. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to 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.
5. 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.
6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and

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

coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a 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.

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.

---



**APPENDIX B  
BORING LOGS**



**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/01 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  **AT TIME OF DRILLING** 7.20 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil

**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.1					WELL GRADED SAND (SW) WITH GRAVEL; olive brown (2.5Y 4/3), organic debris/rootlets at surface, ~20% fine to coarse angular gravels, glass fragments, damp, slight organic odor, [FILL]	
1.5	SA 1-S1-1.5				WELL GRADED SAND (SW); dark yellow-brown (10YR 4/6), damp to moist, trace coarse gravel, fine grained sand, no odor Zone of concrete fragments, fine to coarse, no odor (@2.5')	
5			0.4		Same as above, moist to wet, trace silt/clay, fine gravels, occasional charcoal deposits, no odor	
5.8	SPT (NG)				Clay fraction increased to 15-20' CLAYEY SAND (SC); olive brown (2.5Y 4/4), moist to wet, fine grained sand (80%), low plasticity clay (20%), trace silt, no odor	
7.0	SA 1-S2-7.0		0.4		Clay fraction decreases with depth WELL GRADED SAND (SW); dark yellow-brown (10YR 4/6), moist to wet, fine grained sand, trace silt/clay, no odor	
10	SPT (NG)		0.4		Clay fraction increases to 10-15% from ~9' to 9.5'	
			0.4		Same as above, moisture content decreases with depth, damp to moist	
			0.4		Clay fraction increases from ~11.2' to 12'	
					Bottom of borehole at 12.0 feet bgs.	

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  **AT TIME OF DRILLING** 7.20 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil

**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0 - 0.2				XXXX	0.2 Woody/plant debris	
0.2 - 0.8				XXXX	0.8 WELL GRADED SAND WITH GRAVEL (SW); olive brown (2.5Y 4/3), fine grained sand with ~20% fine to medium angular gravels, rootlets, damp, no odor, [FILL] Concrete fragments at 0.5' (3" layer)	
0.8 - 4.8	SA 2-S1-1.5 SPT (NG)	1.5		XXXX	WELL GRADED SAND (SW); dark yellow brown (10YR 4/4), moist, fine grained sand, trace silt/clay, no odor	
4.8 - 5.0				XXXX	Same as above, color lightens (10YR 4/6)	
5.0 - 5.5	SA 2-S2-5.0 SPT (NG)	5.0		XXXX	CLAYEY SAND (SC); dark yellow brown (10YR 4/4), moist to wet, fine grained sand (80%), low plasticity clay (20%), trace silt, no odor	
5.5 - 8.0				XXXX	▽ As above, moist with wet zones in 8'-10' bgs interval	
8.0 - 10.0				XXXX	Clay fraction decreases with depth (~15%)	
10.0 - 12.0	SPT (NG)			XXXX		
12.0				XXXX	Bottom of borehole at 12.0 feet bgs.	

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  $\nabla$  **AT TIME OF DRILLING** 7.30 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil

**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.1	SA	1.0	0.1	[Dotted pattern]	WELL GRADED SAND WITH GRAVEL (SW); olive brown (2.5Y 4/3), fine grained sand with ~20% fine to medium angular gravel, rootlets present, damp, no odor, [FILL]	
0.1	SPT (NG)		0.1	[Dotted pattern]	WELL GRADED SAND (SW); dark yellow brown (10YR 4/4), moist, fine grained sand, trace silt/clay, no odor	
0.2			0.2	[Dotted pattern]	Same as above, very wet/saturated soil, rootlets present SANDY CLAY/CLAYEY SAND, ~3" layer, moist, wet	
0.4	SPT (NG)		0.4	[Diagonal hatching]		CLAYEY SAND (SC); dark yellow brown (10YR 4/6), with gray mottles throughout, wet, slight organic odor, ~70% fines grained sand, ~30% low plasticity clay, trace silt
0.4	SA	7.0	0.4	[Dotted pattern]	Same as above, moisture content decreases to damp	
0.4			0.4	[Dotted pattern]	WELL GRADED SAND (SW); dark yellow brown (10YR 4/6), ~85% fine grained sand, ~10-15% low plasticity clay, trace silt, moist to wet, moisture increases with depth, no odor	
0.4	SA		0.4	[Dotted pattern]	Same as above, occasional mottling	
0.4			0.4	[Dotted pattern]	Same as above, thin zones of increased clay content (15-30%), moist to wet	
12.0					Bottom of borehole at 12.0 feet bgs.	

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  $\nabla$  **AT TIME OF DRILLING** 8.00 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil





**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0 - 0.2					WELL GRADED SAND WITH GRAVEL (SW); olive brown (10YR 4/3), damp, fine grained sand with fine to coarse angular gravel, and glass fragments (~20%), [FILL]	
0.2 - 1.0					2" zone of coarse concrete fragments	
1.0 - 1.5	SA 4-S1-1.5	1.5	0.2		WELL GRADED SAND (SW); dark brown (10YR 3/3), moist, fine grained sand with trace silt/clay, slight organic odor	
1.5 - 5.0			0.2			
5.0 - 5.5	SA 4-S2-5.5	5.5	0.1		Same as above, color grades to dark yellow-brown (10YR 4/6), moist	
5.5 - 6.0			0.1		Same as above, clay fraction increases to ~5-10%, moist to wet	
6.0 - 6.4					CLAYEY SAND (SC); dark yellow-brown (10YR 4/6), moist, fine grained sand (70-80%), with low plasticity clay (20-30%), trace silt, rootlets and mottling throughout, no odor	
6.4 - 9.0					Same as above, clay fraction decreases to ~15-20%	
9.0 - 12.0			0.4		Same as above, moisture increases to wet from 9'-12' bgs	
12.0 - 15.0	SPT (NG)		0.2			
15.0 - 16.0	SPT (NG)		0.2		SAND (SW); dark yellow brown (10YR 4/6), saturated, fine grained sand with ~5% clay/silt, no odor	
16.0					Bottom of borehole at 16.0 feet bgs.	

ENVIRONMENTAL BH 1204.20 BORING\_LOGS.GPJ 7/8/11


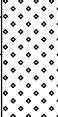
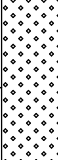
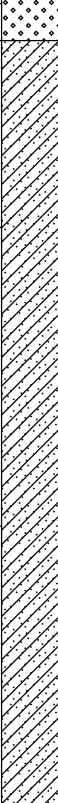
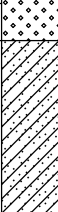
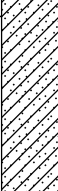
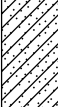


**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  **AT TIME OF DRILLING** 8.10 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil

**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0 - 1.5	SA 5-S1-1.5 SPT (NG)	1.5	0.1		WELL GRADED SAND (SW); olive brown (2.5 4/3), damp, fine grained sand with fine coarse angular gravel and glass, trace silt/clay, no odor, [FILL] Trace coarse rock (concrete?)	
1.5 - 6.0	SPT (NG)		0.2		WELL GRADED SAND (SW); dark yellow-brown (10YR 3/4), damp, trace silt/clay Trace fine sand, old nail and charcoal fragments at 1.5' bgs  Same as above, color lightens (10YR 4/4)	
6.0 - 7.0	SA 5-S2-7.0	7.0	0.2		SANDY CLAY (CL); dark yellow-brown (10YR 4/4) with heavy gray mottling, lots of roots, low plasticity, ~60% clay, ~40% fine grained sand, slight organic/sulfuric odor, moist	
7.0 - 16.0	SA 5-S9-7.0  SPT (NG)	7.0	0.1		CLAYEY SAND (SC); dark yellow-brown (10YR 4/4), moist, fine grained sand with trace silt/clay, no odor, 30-40% low plasticity clay, 60-70% fine grained sand  Same as above, wet soil conditions  Same as above, occasional mottling near rootlets Same as above, occasional mottling present	
16.0 - 16.0	SPT (NG)		0.2		Same as above, clay fraction varies with depth between 20-30%, wet to saturated, occasional mottling, trace silt, no odor Same as above, strong light gray mottling from 12.5-13' bgs	
16.0					Bottom of borehole at 16.0 feet bgs.	


ENVIRONMENTAL BH 1204.20 BORING LOGS.GPJ 7/8/11

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:**  **AT TIME OF DRILLING** 8.30 ft  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
1.5	SA 6-S1-1.5 SPT (NG)	1.5	0.1		1.0 WELL GRADED SAND WITH GRAVEL (SW); olive brown (2.5Y 4/3), damp, fine grained sand with fine to coarse angular/round gravels and glass fragments, trace silt/clay, no odor, [FILL] Same as above, coarse rock fragments at 0.5' bgs (concrete?)	
5.0	SA 6-S1-5.0 SPT (NG)	5.0	0.1		WELL GRADED SAND (SW); yellow-brown (10YR 3/4), damp to moist, occasional dark mottles, trace silty clay and medium gravels, no odor	
5.5			0.2		Same as above, wet, clay fraction decreases	
5.5					5.5 CLAYEY SAND (SC); dark yellow-brown (10YR 4/4), ~60% fine grained sand, ~40% low plasticity clay, trace silt, moist, occasional iron deposits/rootlets, no odor	
10.0	SPT (NG)		0.1		▽ Same as above, clay fraction decreases to ~30%	
10.0			0.1		Same as above, clay fraction increases (35-40%), decreased moisture (damp to moist)	
10.0					Same as above, wet, clay fraction ~30-35%, no odor	
15.0	SPT (NG)		0.2		Same as above, clay fraction ~20%	
15.0			0.2		Same as above, saturated condition from 13-14' bgs Same as above, moist to saturated 14-16' bgs Same as above, gray mottling throughout, no odor	
16.0					Bottom of borehole at 16.0 feet bgs.	


ENVIRONMENTAL BH 1204.20 BORING\_LOGS.GPJ 7/8/11

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:** **AT TIME OF DRILLING** ---  
**DRILLING METHOD** Hand Auger **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	AU	7-S1-1.5			WELL GRADED SAND WITH GRAVEL (SW); dark yellow-brown, (10YR 3/4), damp, fine grained sand with medium to coarse angular gravel, rootlets throughout, no odor, [FILL] Large 2"x2" rock (concrete)	
					Bottom of borehole at 2.0 feet bgs.	




**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:** **AT TIME OF DRILLING** ---  
**DRILLING METHOD** Hand Auger **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	AU SA 3-S1-1.5				1.8 WELL GRADED SAND WITH GRAVEL (SW); dark brown (10YR 3/3), moist, fine grained sand with medium to coarse angular gravels, rootlets throughout, no odor, [FILL] Resistance from large rocks in the hole Bottom of borehole at 1.8 feet bgs.	

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:** **AT TIME OF DRILLING** ---  
**DRILLING METHOD** Hand Auger **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_


DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	AU		0.1		WELL GRADED SAND WITH GAVEL (SW); dark yellow-brown (10YR 3/4), damp, fine grained sand with medium to coarse angular gravels, trace silt and rootlets, no odor, [FILL] Large concrete fragments	
	SA		0.1			
1.5	9-S1-1.5					
1.5	SA				Bottom of borehole at 1.8 feet bgs.	
	B-9-S9-1.5					

**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:** **AT TIME OF DRILLING** ---  
**DRILLING METHOD** Hand Auger **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0 0.0	AU SA 0-S1	1.5	0.0 0.0		WELL GRADED WITH GRAVEL (SW); dark brown (10YR 3/3), moist, fine grained sand with medium to coarse gravels (angular), rootlets throughout, some black fragments, no odor, [FILL] From 7"-9" coarse rock material and trace brick fragments	
					Bottom of borehole at 2.0 feet bgs.	

300 Frank H. Ogawa Plaza, Suite 510  
 Oakland, CA 94612  
 Telephone: 510-839-0688


**PROJECT NAME** 727 Pine **BORING LOCATION** \_\_\_\_\_  
**PROJECT NUMBER** 1204.20 **PROJECT LOCATION** Oakland, CA  
**DATE STARTED** 5/26/11 **COMPLETED** 5/26/11 **Ground ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2  
**DRILLING CONTRACTOR** RSI Drilling **GROUNDWATER LEVELS:** **AT TIME OF DRILLING** ---  
**DRILLING METHOD** Dual Tube Geoprobe **AFTER DRILLING** --- **AT END OF DRILLING** ---  
**LOGGED BY** A. Starovoytov **CHECKED BY** D. Laduzinsky **SURFACE CONDITIONS:** Bare soil  
**NOTES:** \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	AU		0.1		WELL GRADED SAND WITH GRAVEL (SW); dark brown (10YR 3/3), damp, fine grained sand with medium to coarse gravels (angular), trace concrete fragments, rootlets throughout, no odor, [FILL]	
	SA	1.5	0.2			
	SA	1.5			Bottom of borehole at 2.0 feet bgs.	
	B-11-S9	1.5				

300 Frank H. Ogawa Plaza, Suite 510  
 Oakland, CA 94612  
 Telephone: 510-839-0688

**BORING NUMBER B-12**

PROJECT NAME 727 Pine BORING LOCATION \_\_\_\_\_  
 PROJECT NUMBER 1204.20 PROJECT LOCATION Oakland, CA  
 DATE STARTED 5/26/11 COMPLETED 5/26/11 Ground ELEVATION \_\_\_\_\_ HOLE SIZE 2  
 DRILLING CONTRACTOR RSI Drilling GROUNDWATER LEVELS: AT TIME OF DRILLING ---  
 DRILLING METHOD Dual Tube Geoprobe AFTER DRILLING --- AT END OF DRILLING ---  
 LOGGED BY A. Starovoytov CHECKED BY D. Laduzinsky SURFACE CONDITIONS: Bare soil  
 NOTES: \_\_\_\_\_

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	SA 2-S1-1.0	1.0			<p>WELL GRADED SAND WITH GRAVEL (SW); dark brown (10YR 3/3), dry to damp, fine grained sand with medium to coarse gravels (angular), concrete fragments, rootlets throughout, no odor, [FILL]</p> <p>Bottom of borehole at 1.2 feet bgs.</p>	

**APPENDIX C**  
**LABORATORY ANALYTICAL REPORTS**





Northgate Environmental Management Inc.  
300 Frank H. Ogawa Plaza, Suite 510  
Oakland, California 94612  
Tel: 5108390688  
Fax: (510) 839-4350  
RE: 727 Pine, Oakland, CA

Work Order No.: 1105221

Dear Kimberly Ries:

Torrent Laboratory, Inc. received 30 sample(s) on May 26, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

A handwritten signature in blue ink, appearing to read "Patti Sandrock", is written over a horizontal line.

Patti Sandrock

June 03, 2011

Date



**Date:** 6/3/2011

---

**Client:** Northgate Environmental Management Inc.

**Project:** 727 Pine, Oakland, CA

**Work Order:** 1105221

### **CASE NARRATIVE**

---

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Analytical Comments for method S\_6010B, 1105221-020 MS/MSD, QC Analytical Batch ID 405246, Note:The % recoveries for Lead, Chromium and Zinc are outside of laboratory control limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

For method S\_TPHG, 105221-014 MS/MSD, QC Analytical Batch ID 405268, Note:The % recoveries for TPH as Gasoline are outside of laboratory control limits but with % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

For method S\_TPHDO, 1105221-018 MS/MSD, QC Analytical Batch ID 405300, Note:The % recoveries for TPH as Diesel are outside of laboratory control limits but with % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.





### Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-1-S1-1.5 1105221-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.3	mg/Kg
Barium	SW6010B	1	1	5.0	37	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	27	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.2	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.8	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	17	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	20	mg/Kg
Zinc	SW6010B	1	0.59	5.0	13	mg/Kg

B-1-S2-7.0 1105221-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.3	mg/Kg
Barium	SW6010B	1	1	5.0	44	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	27	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.5	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.7	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	32	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	22	mg/Kg
Zinc	SW6010B	1	0.59	5.0	20	mg/Kg

B-2-S1-1.5 1105221-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
--------------------	------------------------	-----------	------------	------------	----------------	-------------

All compounds were non-detectable for this sample.



### Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-2-S2-5.0 1105221-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
--------------------	------------------------	-----------	------------	------------	----------------	-------------

All compounds were non-detectable for this sample.

B-3-S1-1.5 1105221-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
--------------------	------------------------	-----------	------------	------------	----------------	-------------

All compounds were non-detectable for this sample.

B-3-S2-7.0 1105221-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	1	5.0	49	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	26	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.4	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.6	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.8	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	31	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	20	mg/Kg
Zinc	SW6010B	1	0.59	5.0	19	mg/Kg



## Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-4-S1-1.5 1105221-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.5	mg/Kg
Barium	SW6010B	1	1	5.0	57	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	25	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.0	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.4	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	15	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	18	mg/Kg
Zinc	SW6010B	1	0.59	5.0	20	mg/Kg

B-4-S2-5.5 1105221-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.8	mg/Kg
Barium	SW6010B	1	1	5.0	38	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	42	mg/Kg
Lead	SW6010B	1	0.043	1.0	5.4	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	21	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	32	mg/Kg
Zinc	SW6010B	1	0.59	5.0	14	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.2	mg/Kg



### Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-5-S1-1.5 1105221-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	1	5.0	71	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	25	mg/Kg
Copper	SW6010B	1	0.0900	5.0	7.2	mg/Kg
Lead	SW6010B	1	0.043	1.0	25	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	16	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	19	mg/Kg
Zinc	SW6010B	1	0.59	5.0	27	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.13	mg/Kg

B-5-S2-7.0 1105221-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.2	mg/Kg
Barium	SW6010B	1	1	5.0	72	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	33	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	8.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	7.3	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.3	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	34	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	25	mg/Kg
Zinc	SW6010B	1	0.59	5.0	21	mg/Kg



## Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-5-S9-7.0 1105221-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	3.0	mg/Kg
Barium	SW6010B	1	1	5.0	46	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	35	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.7	mg/Kg
Lead	SW6010B	1	0.043	1.0	4.7	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	33	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	25	mg/Kg
Zinc	SW6010B	1	0.59	5.0	21	mg/Kg

B-6-S1-1.5 1105221-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium	SW6010B	1	1	5.0	45	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	23	mg/Kg
Copper	SW6010B	1	0.0900	5.0	13	mg/Kg
Lead	SW6010B	1	0.043	1.0	33	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	17	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	18	mg/Kg
Zinc	SW6010B	1	0.59	5.0	29	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.21	mg/Kg



## Sample Result Summary

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11

**Date Reported:** 06/03/11

**B-6-S2-5.0** 1105221-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.4	mg/Kg
Barium	SW6010B	1	1	5.0	54	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	33	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	7.0	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.9	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	31	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	28	mg/Kg
Zinc	SW6010B	1	0.59	5.0	19	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.0	mg/Kg

**B-7-S1-1.5** 1105221-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	3.4	mg/Kg
Barium	SW6010B	1	1	5.0	74	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	32	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	13	mg/Kg
Lead	SW6010B	1	0.043	1.0	64	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	24	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	23	mg/Kg
Zinc	SW6010B	1	0.59	5.0	51	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.15	mg/Kg



## Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-8-S1-1.5 1105221-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	7.1	mg/Kg
Barium	SW6010B	1	1	5.0	110	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	28	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.7	mg/Kg
Copper	SW6010B	1	0.0900	5.0	22	mg/Kg
Lead	SW6010B	1	0.043	1.0	92	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	29	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	24	mg/Kg
Zinc	SW6010B	1	0.59	5.0	87	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.28	mg/Kg
TPH as Diesel	SW8015B(M)	1	1.53	4.0	2.7	mg/Kg

B-9-S1-1.5 1105221-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	3.6	mg/Kg
Barium	SW6010B	1	1	5.0	75	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	29	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.5	mg/Kg
Copper	SW6010B	1	0.0900	5.0	17	mg/Kg
Lead	SW6010B	1	0.043	1.0	37	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	25	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	24	mg/Kg
Zinc	SW6010B	1	0.59	5.0	48	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.15	mg/Kg



### Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-10-S1-1.5

1105221-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	4.2	mg/Kg
Barium	SW6010B	1	1	5.0	66	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	29	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.4	mg/Kg
Copper	SW6010B	1	0.0900	5.0	17	mg/Kg
Lead	SW6010B	1	0.043	1.0	61	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	27	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	23	mg/Kg
Zinc	SW6010B	1	0.59	5.0	62	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.17	mg/Kg

B-11-S1-1.5

1105221-018

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	4.1	mg/Kg
Barium	SW6010B	1	1	5.0	55	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	24	mg/Kg
Copper	SW6010B	1	0.0900	5.0	13	mg/Kg
Lead	SW6010B	1	0.043	1.0	33	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	23	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	19	mg/Kg
Zinc	SW6010B	1	0.59	5.0	45	mg/Kg





## Sample Result Summary

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11

**Date Reported:** 06/03/11

**B-11-S9-1.5**

1105221-019

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	5.0	mg/Kg
Barium	SW6010B	1	1	5.0	76	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	24	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	15	mg/Kg
Lead	SW6010B	1	0.043	1.0	66	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	22	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	22	mg/Kg
Zinc	SW6010B	1	0.59	5.0	56	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.14	mg/Kg
TPH as Diesel	SW8015B(M)	1	1.53	4.0	2.0	mg/Kg

**B-12-S1-1.5**

1105221-020

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	3.5	mg/Kg
Barium	SW6010B	1	1	5.0	91	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	24	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.7	mg/Kg
Copper	SW6010B	1	0.0900	5.0	28	mg/Kg
Lead	SW6010B	1	0.043	1.0	120	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	20	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	25	mg/Kg
Zinc	SW6010B	1	0.59	5.0	120	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.35	mg/Kg
TPH as Diesel	SW8015B(M)	1	1.53	4.0	2.7	mg/Kg



## Sample Result Summary

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11

**Date Reported:** 06/03/11

1105221-021

**IDW**

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.28	1.7	2.5	mg/Kg
Barium	SW6010B	1	1	5.0	52	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	32	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	7.3	mg/Kg
Lead	SW6010B	1	0.043	1.0	6.8	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	29	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	22	mg/Kg
Zinc	SW6010B	1	0.59	5.0	21	mg/Kg

**B-1-GG-7.2**

1105221-022

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.071	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0075	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.025	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.010	mg/L



## Sample Result Summary

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11

**Date Reported:** 06/03/11

**B-3-GG-7.3** 1105221-024

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic (Dissolved)	SW6010B	1	0.005	0.009	0.0097	mg/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.16	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.021	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.011	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.022	mg/L

**B-4-GG-8.0** 1105221-025

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.066	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.019	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.014	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.015	mg/L

**MW-1-GW** 1105221-028

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Diesel	SW8015B(M)	1	0.0400	0.10	0.69	mg/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.083	mg/L



### Sample Result Summary

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11

Date Reported: 06/03/11

B-3-S9-GG 1105221-029

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.17	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.011	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.020	mg/L

Trip Blank 1105221-030

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
--------------------	------------------------	-----------	------------	------------	----------------	-------------

All compounds were non-detectable for this sample.



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-S1-1.5	<b>Lab Sample ID:</b>	1105221-001A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:10		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.3		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	37		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	27		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	5.2		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	3.8		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	17		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	20		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	13		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	83.6		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	125		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-S2-7.0	<b>Lab Sample ID:</b>	1105221-002A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.3		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	44		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	27		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	6.5		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	6.7		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	3.2		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	32		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	22		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	20		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-S2-7.0	<b>Lab Sample ID:</b>	1105221-002A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-S2-7.0	<b>Lab Sample ID:</b>	1105221-002A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	106		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	107		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	87.5		%	405238	NA





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-S2-7.0	<b>Lab Sample ID:</b>	1105221-002A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	91.0		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	117		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-2-S1-1.5	<b>Lab Sample ID:</b>	1105221-003A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:10		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	ND		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	ND		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	ND		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	ND		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	89.4		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	123		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-2-S2-5.0	<b>Lab Sample ID:</b>	1105221-004A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	ND		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	ND		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	ND		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	ND		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-2-S2-5.0	<b>Lab Sample ID:</b>	1105221-004A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-2-S2-5.0	<b>Lab Sample ID:</b>	1105221-004A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	107		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	103		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	84.3		%	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-2-S2-5.0	<b>Lab Sample ID:</b>	1105221-004A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:15		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	87.9		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	117		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S1-1.5	<b>Lab Sample ID:</b>	1105221-005A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:50		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	ND		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	ND		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	ND		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	ND		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	77.7		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	122		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S2-7.0	<b>Lab Sample ID:</b>	1105221-006A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	49		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	26		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	6.4		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	5.6		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	2.8		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	31		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	20		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	19		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S2-7.0	<b>Lab Sample ID:</b>	1105221-006A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S2-7.0	<b>Lab Sample ID:</b>	1105221-006A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	107		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	106		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	86.4		%	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S2-7.0	<b>Lab Sample ID:</b>	1105221-006A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 10:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	94.2		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	123		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-S1-1.5	<b>Lab Sample ID:</b>	1105221-007A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:20		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.5		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	57		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	25		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	5.0		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	2.4		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	15		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	18		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	20		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	84.4		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	ND		mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	126		mg/Kg	405240	2768



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-S2-5.5	<b>Lab Sample ID:</b>	1105221-008A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:25		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.8		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	38		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	42		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	ND		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	5.4		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	21		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	32		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	14		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-S2-5.5	<b>Lab Sample ID:</b>	1105221-008A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:25		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-S2-5.5	<b>Lab Sample ID:</b>	1105221-008A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:25		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	109		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	101		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	81.4		%	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-S2-5.5	<b>Lab Sample ID:</b>	1105221-008A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:25		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	88.8		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	05/31/11	1	0.759	2.0	2.2	x	mg/Kg	405240	2768
Pentacosane (S)	SW8015B(M)	5/31/11	05/31/11	1	59.7	129	124		mg/Kg	405240	2768

**NOTE:** x-Not typical of Diesel standard pattern (unknown discrete hydrocarbon peak present).





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S1-1.5	<b>Lab Sample ID:</b>	1105221-009A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	71		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	25		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	7.2		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	25		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	16		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	19		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	27		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.13		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	74.0		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	118		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S2-7.0	<b>Lab Sample ID:</b>	1105221-010A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.2		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	72		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	33		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	8.1		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	7.3		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	3.3		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	34		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	25		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	21		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S2-7.0	<b>Lab Sample ID:</b>	1105221-010A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S2-7.0	<b>Lab Sample ID:</b>	1105221-010A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	112		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	97.5		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	92.1		%	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S2-7.0	<b>Lab Sample ID:</b>	1105221-010A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	100		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	103		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S9-7.0	<b>Lab Sample ID:</b>	1105221-011A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	3.0		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	46		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	35		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.1		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	6.7		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	4.7		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	33		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	25		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	21		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S9-7.0	<b>Lab Sample ID:</b>	1105221-011A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S9-7.0	<b>Lab Sample ID:</b>	1105221-011A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	111		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	96.8		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	86.9		%	405238	NA





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-5-S9-7.0	<b>Lab Sample ID:</b>	1105221-011A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:05		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	94.2		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	107		mg/Kg	405300	2790



## SAMPLE RESULTS

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11  
Date Reported: 06/03/11

Client Sample ID:	B-6-S1-1.5	Lab Sample ID:	1105221-012A
Project Name/Location:	727 Pine, Oakland, CA	Sample Matrix:	Soil
Project Number:	1204.20		
Date/Time Sampled:	05/26/11 / 13:50		
Tag Number:	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	ND		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	45		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	23		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	13		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	33		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	17		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	18		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	29		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.21		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	82.4		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	103		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-6-S2-5.0	<b>Lab Sample ID:</b>	1105221-013A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.4		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	54		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	33		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	7.0		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	6.9		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	3.2		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	31		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	28		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	19		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-6-S2-5.0	<b>Lab Sample ID:</b>	1105221-013A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	4.4	10	ND		ug/Kg	405238	NA
Chloromethane	SW8260B	NA	05/31/11	1	4.6	10	ND		ug/Kg	405238	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
Bromomethane	SW8260B	NA	05/31/11	1	4.7	10	ND		ug/Kg	405238	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
Freon 113	SW8260B	NA	05/31/11	1	3.7	10	ND		ug/Kg	405238	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	2.0	10	ND		ug/Kg	405238	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
MTBE	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
tert-Butanol	SW8260B	NA	05/31/11	1	21	50	ND		ug/Kg	405238	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
ETBE	SW8260B	NA	05/31/11	1	2.4	10	ND		ug/Kg	405238	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	2.3	10	ND		ug/Kg	405238	NA
Chloroform	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Benzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
TAME	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	3.9	10	ND		ug/Kg	405238	NA
Dibromomethane	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	4.5	10	ND		ug/Kg	405238	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Toluene	SW8260B	NA	05/31/11	1	0.98	10	ND		ug/Kg	405238	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-6-S2-5.0	<b>Lab Sample ID:</b>	1105221-013A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	1.7	10	ND		ug/Kg	405238	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.86	10	ND		ug/Kg	405238	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.66	5.0	ND		ug/Kg	405238	NA
Styrene	SW8260B	NA	05/31/11	1	0.77	10	ND		ug/Kg	405238	NA
Bromoform	SW8260B	NA	05/31/11	1	1.9	10	ND		ug/Kg	405238	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
Bromobenzene	SW8260B	NA	05/31/11	1	1.2	10	ND		ug/Kg	405238	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	3.0	10	ND		ug/Kg	405238	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	3.3	10	ND		ug/Kg	405238	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	1.4	10	ND		ug/Kg	405238	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	1.1	10	ND		ug/Kg	405238	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	1.6	10	ND		ug/Kg	405238	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.8	10	ND		ug/Kg	405238	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.5	10	ND		ug/Kg	405238	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	2.2	10	ND		ug/Kg	405238	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	1.3	10	ND		ug/Kg	405238	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	4.2	10	ND		ug/Kg	405238	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	2.6	10	ND		ug/Kg	405238	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.1	10	ND		ug/Kg	405238	NA
Naphthalene	SW8260B	NA	05/31/11	1	2.8	10	ND		ug/Kg	405238	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	2.9	10	ND		ug/Kg	405238	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	59.8	148	108		%	405238	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	55.2	133	99.2		%	405238	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	55.8	141	93.0		%	405238	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-6-S2-5.0	<b>Lab Sample ID:</b>	1105221-013A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 13:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405238	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	89.4		%	405238	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	2.0		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	107		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-7-S1-1.5	<b>Lab Sample ID:</b>	1105221-014A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 15:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	3.4		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	74		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	32		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.1		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	13		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	64		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	24		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	23		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	51		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.15		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	76.1		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	97.2		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-8-S1-1.5	<b>Lab Sample ID:</b>	1105221-015A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 16:55		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	7.1		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	110		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	28		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	6.7		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	22		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	92		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	29		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	24		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	87		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.28		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	69.1		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	2.7	J	mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	106		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).





## SAMPLE RESULTS

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11  
Date Reported: 06/03/11

Client Sample ID:	B-9-S1-1.5	Lab Sample ID:	1105221-016A
Project Name/Location:	727 Pine, Oakland, CA	Sample Matrix:	Soil
Project Number:	1204.20		
Date/Time Sampled:	05/26/11 / 16:15		
Tag Number:	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	3.6		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	75		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	29		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.5		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	17		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	37		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	25		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	24		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	48		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.15		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	82.8		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	101		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-10-S1-1.5	<b>Lab Sample ID:</b>	1105221-017A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 16:35		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	4.2		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	66		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	29		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	6.4		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	17		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	61		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	27		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	23		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	62		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.17		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	76.5		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	95.2		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-11-S1-1.5	<b>Lab Sample ID:</b>	1105221-018A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 17:20		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	4.1		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	55		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	24		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	ND		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	13		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	33		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	23		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	19		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	45		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	77.8		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	95.5		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).



## SAMPLE RESULTS

Report prepared for: Kimberly Ries  
Northgate Environmental Management Inc.

Date Received: 05/26/11  
Date Reported: 06/03/11

Client Sample ID:	B-11-S9-1.5	Lab Sample ID:	1105221-019A
Project Name/Location:	727 Pine, Oakland, CA	Sample Matrix:	Soil
Project Number:	1204.20		
Date/Time Sampled:	05/26/11 / 17:20		
Tag Number:	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405258	2788
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	5.0		mg/Kg	405258	2788
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	76		mg/Kg	405258	2788
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405258	2788
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405258	2788
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	24		mg/Kg	405258	2788
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.1		mg/Kg	405258	2788
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	15		mg/Kg	405258	2788
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	66		mg/Kg	405258	2788
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405258	2788
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	22		mg/Kg	405258	2788
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405258	2788
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405258	2788
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405258	2788
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	22		mg/Kg	405258	2788
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	56		mg/Kg	405258	2788

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.14		mg/Kg	405248	2782

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	69.2		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	2.0	J	mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	93.9		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-12-S1-1.5	<b>Lab Sample ID:</b>	1105221-020A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 17:50		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405246	2776
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	3.5		mg/Kg	405246	2776
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	91		mg/Kg	405246	2776
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405246	2776
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405246	2776
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	24		mg/Kg	405246	2776
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.7		mg/Kg	405246	2776
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	28		mg/Kg	405246	2776
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	120		mg/Kg	405246	2776
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405246	2776
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	20		mg/Kg	405246	2776
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405246	2776
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405246	2776
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405246	2776
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	25		mg/Kg	405246	2776
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	120		mg/Kg	405246	2776

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	0.35		mg/Kg	405249	2783

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	67.0		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
-------------	-----------------	-----------	---------------	----	-----	-----	---------	---------------	------	------------------	------------

**The results shown below are reported using their MDL.**

TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	1.53	4.0	2.7	J	mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	107		mg/Kg	405300	2790

**NOTE:** Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	IDW	<b>Lab Sample ID:</b>	1105221-021A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Soil
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 17:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	5/31/11	06/01/11	1	0.20	5.0	ND		mg/Kg	405246	2776
Arsenic	SW6010B	5/31/11	06/01/11	1	0.28	1.7	2.5		mg/Kg	405246	2776
Barium	SW6010B	5/31/11	06/01/11	1	1	5.0	52		mg/Kg	405246	2776
Beryllium	SW6010B	5/31/11	06/01/11	1	0.0840	2.0	ND		mg/Kg	405246	2776
Cadmium	SW6010B	5/31/11	06/01/11	1	0.0590	1.0	ND		mg/Kg	405246	2776
Chromium	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	32		mg/Kg	405246	2776
Cobalt	SW6010B	5/31/11	06/01/11	1	0.14	5.0	5.1		mg/Kg	405246	2776
Copper	SW6010B	5/31/11	06/01/11	1	0.0900	5.0	7.3		mg/Kg	405246	2776
Lead	SW6010B	5/31/11	06/01/11	1	0.043	1.0	6.8		mg/Kg	405246	2776
Molybdenum	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	ND		mg/Kg	405246	2776
Nickel	SW6010B	5/31/11	06/01/11	1	0.0590	5.0	29		mg/Kg	405246	2776
Selenium	SW6010B	5/31/11	06/01/11	1	0.29	5.0	ND		mg/Kg	405246	2776
Silver	SW6010B	5/31/11	06/01/11	1	1.0	1.0	ND		mg/Kg	405246	2776
Thallium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	ND		mg/Kg	405246	2776
Vanadium	SW6010B	5/31/11	06/01/11	1	0.12	5.0	22		mg/Kg	405246	2776
Zinc	SW6010B	5/31/11	06/01/11	1	0.59	5.0	21		mg/Kg	405246	2776

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	5/31/11	06/01/11	1	0.01	0.10	ND		mg/Kg	405249	2783

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	17	100	ND		ug/Kg	405268	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	43.9	127	82.2		%	405268	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	6/1/11	06/02/11	1	0.759	2.0	ND		mg/Kg	405300	2790
Pentacosane (S)	SW8015B(M)	6/1/11	06/02/11	1	59.7	129	96.9		mg/Kg	405300	2790



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-GG-7.2	<b>Lab Sample ID:</b>	1105221-022A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-GG-7.2	<b>Lab Sample ID:</b>	1105221-022A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	96.0		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	80.7		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	111		%	405254	NA





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-1-GG-7.2	<b>Lab Sample ID:</b>	1105221-022A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 9:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Arsenic (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.009	ND		mg/L	405247	2784
Barium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.071		mg/L	405247	2784
Beryllium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cadmium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.001	0.005	ND		mg/L	405247	2784
Chromium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cobalt (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	0.0075		mg/L	405247	2784
Copper (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.003	0.009	ND		mg/L	405247	2784
Lead (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.014	ND		mg/L	405247	2784
Molybdenum (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.025		mg/L	405247	2784
Nickel (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.010		mg/L	405247	2784
Selenium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.02	ND		mg/L	405247	2784
Silver (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Thallium (dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Vanadium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Zinc (dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	5/31/11	06/01/11	1	0.00005	0.0002	ND		mg/L	405245	2781

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	22	50	ND		ug/L	405254	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	34	114	84.4		%	405254	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	06/01/11	1	0.0400	0.10	ND		mg/L	405284	2779
Pentacosane (S)	SW8015B(M)	5/31/11	06/01/11	1	64.2	123	102		%	405284	2779



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-GG-7.3	<b>Lab Sample ID:</b>	1105221-024A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-GG-7.3	<b>Lab Sample ID:</b>	1105221-024A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	91.3		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	90.4		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	105		%	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-GG-7.3	<b>Lab Sample ID:</b>	1105221-024A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Arsenic (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.009	0.0097		mg/L	405247	2784
Barium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.16		mg/L	405247	2784
Beryllium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cadmium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.001	0.005	ND		mg/L	405247	2784
Chromium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cobalt (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	0.021		mg/L	405247	2784
Copper (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.003	0.009	ND		mg/L	405247	2784
Lead (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.014	ND		mg/L	405247	2784
Molybdenum (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.011		mg/L	405247	2784
Nickel (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.022		mg/L	405247	2784
Selenium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.02	ND		mg/L	405247	2784
Silver (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Thallium (dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Vanadium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Zinc (dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	5/31/11	06/01/11	1	0.00005	0.0002	ND		mg/L	405245	2781

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	22	50	ND		ug/L	405254	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	34	114	86.6		%	405254	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	06/01/11	1	0.0400	0.10	ND		mg/L	405284	2779
Pentacosane (S)	SW8015B(M)	5/31/11	06/01/11	1	64.2	123	102		%	405284	2779



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-GG-8.0	<b>Lab Sample ID:</b>	1105221-025A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-GG-8.0	<b>Lab Sample ID:</b>	1105221-025A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	96.7		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	98.2		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	115		%	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-4-GG-8.0	<b>Lab Sample ID:</b>	1105221-025A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 12:45		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Arsenic (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.009	ND		mg/L	405247	2784
Barium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.066		mg/L	405247	2784
Beryllium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cadmium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.001	0.005	ND		mg/L	405247	2784
Chromium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cobalt (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	0.019		mg/L	405247	2784
Copper (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.003	0.009	ND		mg/L	405247	2784
Lead (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.014	ND		mg/L	405247	2784
Molybdenum (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.014		mg/L	405247	2784
Nickel (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.015		mg/L	405247	2784
Selenium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.02	ND		mg/L	405247	2784
Silver (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Thallium (dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Vanadium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Zinc (dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	5/31/11	06/01/11	1	0.00005	0.0002	ND		mg/L	405245	2781

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	22	50	ND		ug/L	405254	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	34	114	83.0		%	405254	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	06/01/11	1	0.0504	0.13	ND		mg/L	405284	2779
Pentacosane (S)	SW8015B(M)	5/31/11	06/01/11	1	64.2	123	105		%	405284	2779

**NOTE:** Reporting limits increased due to limited sample volume available (sediment present).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	MW-1-GW	<b>Lab Sample ID:</b>	1105221-028A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 15:20		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA





## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	MW-1-GW	<b>Lab Sample ID:</b>	1105221-028A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 15:20		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	93.5		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	79.9		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	106		%	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	MW-1-GW	<b>Lab Sample ID:</b>	1105221-028A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 15:20		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Arsenic (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.009	ND		mg/L	405247	2784
Barium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.083		mg/L	405247	2784
Beryllium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cadmium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.001	0.005	ND		mg/L	405247	2784
Chromium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cobalt (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Copper (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.003	0.009	ND		mg/L	405247	2784
Lead (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.014	ND		mg/L	405247	2784
Molybdenum (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784
Nickel (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784
Selenium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.02	ND		mg/L	405247	2784
Silver (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Thallium (dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Vanadium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Zinc (dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	5/31/11	06/01/11	1	0.00005	0.0002	ND		mg/L	405245	2781

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	22	50	ND		ug/L	405254	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	34	114	85.5		%	405254	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	06/01/11	1	0.0400	0.10	0.69	x	mg/L	405284	2779
Pentacosane (S)	SW8015B(M)	5/31/11	06/01/11	1	64.2	123	85.0		%	405284	2779

**NOTE:** x-Not typical of Diesel standard pattern (unknown discrete hydrocarbon peaks present).



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S9-GG	<b>Lab Sample ID:</b>	1105221-029A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S9-GG	<b>Lab Sample ID:</b>	1105221-029A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	96.1		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	84.1		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	105		%	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	B-3-S9-GG	<b>Lab Sample ID:</b>	1105221-029A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	05/26/11 / 11:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Arsenic (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.009	ND		mg/L	405247	2784
Barium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.17		mg/L	405247	2784
Beryllium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cadmium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.001	0.005	ND		mg/L	405247	2784
Chromium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Cobalt (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	0.011		mg/L	405247	2784
Copper (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.003	0.009	ND		mg/L	405247	2784
Lead (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.005	0.014	ND		mg/L	405247	2784
Molybdenum (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784
Nickel (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	0.020		mg/L	405247	2784
Selenium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.02	ND		mg/L	405247	2784
Silver (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.005	ND		mg/L	405247	2784
Thallium (dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Vanadium (Dissolved)	SW6010B	5/31/11	06/01/11	1	0.004	0.009	ND		mg/L	405247	2784
Zinc (dissolved)	SW6010B	5/31/11	06/01/11	1	0.002	0.009	ND		mg/L	405247	2784

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	5/31/11	06/01/11	1	0.00005	0.0002	ND		mg/L	405245	2781

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	05/31/11	1	22	50	ND		ug/L	405254	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	05/31/11	1	34	114	82.2		%	405254	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/31/11	06/01/11	1	0.0400	0.10	ND		mg/L	405284	2779
Pentacosane (S)	SW8015B(M)	5/31/11	06/01/11	1	64.2	123	109		%	405284	2779



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	Trip Blank	<b>Lab Sample ID:</b>	1105221-030A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	/ 0:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Chloromethane	SW8260B	NA	05/31/11	1	0.41	0.50	ND		ug/L	405254	NA
Vinyl Chloride	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromomethane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Trichlorofluoromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
1,1-Dichloroethene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Freon 113	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Methylene Chloride	SW8260B	NA	05/31/11	1	0.18	5.0	ND		ug/L	405254	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
MTBE	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
tert-Butanol	SW8260B	NA	05/31/11	1	1.5	5.0	ND		ug/L	405254	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/31/11	1	0.36	0.50	ND		ug/L	405254	NA
1,1-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
ETBE	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
2,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromochloromethane	SW8260B	NA	05/31/11	1	0.34	0.50	ND		ug/L	405254	NA
Chloroform	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
Carbon Tetrachloride	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
1,1,1-Trichloroethane	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,1-Dichloropropene	SW8260B	NA	05/31/11	1	0.40	0.50	ND		ug/L	405254	NA
Benzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
TAME	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichloroethane	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Trichloroethylene	SW8260B	NA	05/31/11	1	0.38	0.50	ND		ug/L	405254	NA
Dibromomethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,2-Dichloropropane	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
Bromodichloromethane	SW8260B	NA	05/31/11	1	0.23	0.50	ND		ug/L	405254	NA
2-Chloroethyl vinyl ether	SW8260B	NA	05/31/11	1	0.91	2.0	ND		ug/L	405254	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
Toluene	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Tetrachloroethylene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
1,1,2-Trichloroethane	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Dibromochloromethane	SW8260B	NA	05/31/11	1	0.21	0.50	ND		ug/L	405254	NA
1,3-Dichloropropane	SW8260B	NA	05/31/11	1	0.18	0.50	ND		ug/L	405254	NA



## SAMPLE RESULTS

**Report prepared for:** Kimberly Ries  
Northgate Environmental Management Inc.

**Date Received:** 05/26/11  
**Date Reported:** 06/03/11

<b>Client Sample ID:</b>	Trip Blank	<b>Lab Sample ID:</b>	1105221-030A
<b>Project Name/Location:</b>	727 Pine, Oakland, CA	<b>Sample Matrix:</b>	Water
<b>Project Number:</b>	1204.20		
<b>Date/Time Sampled:</b>	/ 0:00		
<b>Tag Number:</b>	727 Pine, Oakland, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	05/31/11	1	0.19	0.50	ND		ug/L	405254	NA
Chlorobenzene	SW8260B	NA	05/31/11	1	0.14	0.50	ND		ug/L	405254	NA
Ethyl Benzene	SW8260B	NA	05/31/11	1	0.15	0.50	ND		ug/L	405254	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.10	0.50	ND		ug/L	405254	NA
m,p-Xylene	SW8260B	NA	05/31/11	1	0.20	1.0	ND		ug/L	405254	NA
o-Xylene	SW8260B	NA	05/31/11	1	0.13	0.50	ND		ug/L	405254	NA
Styrene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
Bromoform	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Isopropyl Benzene	SW8260B	NA	05/31/11	1	0.28	0.50	ND		ug/L	405254	NA
Bromobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/31/11	1	0.26	0.50	ND		ug/L	405254	NA
n-Propylbenzene	SW8260B	NA	05/31/11	1	0.30	0.50	ND		ug/L	405254	NA
2-Chlorotoluene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.20	0.50	ND		ug/L	405254	NA
4-Chlorotoluene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
tert-Butylbenzene	SW8260B	NA	05/31/11	1	0.29	0.50	ND		ug/L	405254	NA
1,2,3-Trichloropropane	SW8260B	NA	05/31/11	1	0.59	1.0	ND		ug/L	405254	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/31/11	1	0.33	0.50	ND		ug/L	405254	NA
sec-Butyl Benzene	SW8260B	NA	05/31/11	1	0.24	0.50	ND		ug/L	405254	NA
p-Isopropyltoluene	SW8260B	NA	05/31/11	1	0.25	0.50	ND		ug/L	405254	NA
1,3-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.31	0.50	ND		ug/L	405254	NA
1,4-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.37	0.50	ND		ug/L	405254	NA
n-Butylbenzene	SW8260B	NA	05/31/11	1	0.32	0.50	ND		ug/L	405254	NA
1,2-Dichlorobenzene	SW8260B	NA	05/31/11	1	0.39	0.50	ND		ug/L	405254	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/31/11	1	0.45	1.0	ND		ug/L	405254	NA
Hexachlorobutadiene	SW8260B	NA	05/31/11	1	0.22	0.50	ND		ug/L	405254	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.48	1.0	ND		ug/L	405254	NA
Naphthalene	SW8260B	NA	05/31/11	1	0.57	1.0	ND		ug/L	405254	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/31/11	1	0.52	1.0	ND		ug/L	405254	NA
(S) Dibromofluoromethane	SW8260B	NA	05/31/11	1	61.2	131	96.8		%	405254	NA
(S) Toluene-d8	SW8260B	NA	05/31/11	1	75.1	127	88.6		%	405254	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/31/11	1	64.1	120	104		%	405254	NA



### MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3545_TPH	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2768
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405240
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.758	2.0	0.78	
TPH as Motor Oil	1.78	4.0	ND	
Pentacosane (S)			72.7	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2773
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405238
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			78.6	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2776
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405246
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.20	5.0	ND	
Arsenic	0.28	1.7	ND	
Barium	1	5.0	ND	
Beryllium	0.0840	2.0	ND	
Cadmium	0.059	1.0	ND	
Chromium	0.059	5.0	0.095	
Cobalt	0.14	5.0	ND	
Copper	0.090	5.0	0.15	
Lead	0.043	1.0	0.17	
Molybdenum	0.059	5.0	0.17	
Nickel	0.059	5.0	0.075	
Selenium	0.29	5.0	ND	
Silver	1.0	1.0	ND	
Thallium	0.12	5.0	ND	
Vanadium	0.12	5.0	ND	
Zinc	0.59	5.0	ND	





### MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3510_TPH	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2779
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405284
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	
TPH as Motor Oil	0.0920	0.20	ND	
Pentacosane (S)			97.1	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7470A	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2781
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW7470A	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405245
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.00005	0.0002	ND	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2782
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471AB	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405248
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.01	0.10	ND	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2783
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471AB	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405249
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.01	0.10	ND	



### MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3005	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2784
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405247
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony (Dissolved)	0.004	0.009	ND	
Arsenic (Dissolved)	0.005	0.009	0.00572	
Barium (Dissolved)	0.002	0.009	ND	
Beryllium (Dissolved)	0.002	0.005	ND	
Cadmium (Dissolved)	0.001	0.005	ND	
Chromium (Dissolved)	0.002	0.005	ND	
Cobalt (Dissolved)	0.002	0.005	ND	
Copper (Dissolved)	0.003	0.009	ND	
Lead (Dissolved)	0.005	0.014	ND	
Molybdenum (Dissolved)	0.002	0.009	ND	
Nickel (Dissolved)	0.002	0.009	ND	
Selenium (Dissolved)	0.004	0.02	ND	
Silver (Dissolved)	0.002	0.005	ND	
Thallium (dissolved)	0.004	0.009	0.00449	
Vanadium (Dissolved)	0.004	0.009	ND	
Zinc (dissolved)	0.002	0.009	0.00490	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	5030	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2785
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405254
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			78.3	



### MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2788
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405258
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.20	5.0	ND	
Arsenic	0.28	1.7	ND	
Barium	1	5.0	ND	
Beryllium	0.0840	2.0	ND	
Cadmium	0.059	1.0	ND	
Chromium	0.059	5.0	0.075	
Cobalt	0.14	5.0	ND	
Copper	0.090	5.0	0.11	
Lead	0.043	1.0	0.21	
Molybdenum	0.059	5.0	0.23	
Nickel	0.059	5.0	0.070	
Selenium	0.29	5.0	ND	
Silver	1.0	1.0	ND	
Thallium	0.12	5.0	0.22	
Vanadium	0.12	5.0	ND	
Zinc	0.59	5.0	ND	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3545_TPH	<b>Prep Date:</b>	06/01/11	<b>Prep Batch:</b>	2790
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	06/02/11	<b>Analytical Batch:</b>	405300
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.758	2.0	ND	
TPH as Motor Oil	1.78	4.0	2.1	
Pentacosane (S)			107	



## MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405238
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	10	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
2-Chloroethyl vinyl ether	4.5	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	ND		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		



## MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405238
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	0.66	5.0	ND		
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
(S) Dibromofluoromethane			101		
(S) Toluene-d8			99.8		
(S) 4-Bromofluorobenzene			88.4		



## MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405254
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.41	0.50	ND		
Chloromethane	0.41	0.50	ND		
Vinyl Chloride	0.37	0.50	ND		
Bromomethane	0.37	0.50	ND		
Trichlorofluoromethane	0.34	0.50	ND		
1,1-Dichloroethene	0.29	0.50	ND		
Freon 113	0.38	0.50	ND		
Methylene Chloride	0.18	5.0	ND		
trans-1,2-Dichloroethene	0.31	0.50	ND		
MTBE	0.38	0.50	ND		
tert-Butanol	1.5	5.0	ND		
Diisopropyl ether (DIPE)	0.36	0.50	ND		
1,1-Dichloroethane	0.28	0.50	ND		
ETBE	0.40	0.50	ND		
cis-1,2-Dichloroethene	0.33	0.50	ND		
2,2-Dichloropropane	0.37	0.50	ND		
Bromochloromethane	0.34	0.50	ND		
Chloroform	0.29	0.50	ND		
Carbon Tetrachloride	0.26	0.50	ND		
1,1,1-Trichloroethane	0.32	0.50	ND		
1,1-Dichloropropene	0.40	0.50	ND		
Benzene	0.33	0.50	ND		
TAME	0.32	0.50	ND		
1,2-Dichloroethane	0.28	0.50	ND		
Trichloroethylene	0.38	0.50	ND		
Dibromomethane	0.21	0.50	ND		
1,2-Dichloropropane	0.37	0.50	ND		
Bromodichloromethane	0.23	0.50	ND		
2-Chloroethyl vinyl ether	0.91	2.0	ND		
cis-1,3-Dichloropropene	0.30	0.50	ND		
Toluene	0.19	0.50	ND		
Tetrachloroethylene	0.15	0.50	ND		
trans-1,3-Dichloropropene	0.20	0.50	ND		
1,1,2-Trichloroethane	0.20	0.50	ND		
Dibromochloromethane	0.21	0.50	ND		
1,3-Dichloropropane	0.18	0.50	ND		
1,2-Dibromoethane	0.19	0.50	ND		
Chlorobenzene	0.14	0.50	ND		
Ethyl Benzene	0.15	0.50	ND		
1,1,1,2-Tetrachloroethane	0.10	0.50	ND		
m,p-Xylene	0.20	1.0	ND		



### MB Summary Report

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405254
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	0.13	0.50	ND	
Styrene	0.20	0.50	ND	
Bromoform	0.45	1.0	ND	
Isopropyl Benzene	0.28	0.50	ND	
Bromobenzene	0.39	0.50	ND	
1,1,2,2-Tetrachloroethane	0.26	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
2-Chlorotoluene	0.33	0.50	ND	
1,3,5-Trimethylbenzene	0.20	0.50	ND	
4-Chlorotoluene	0.32	0.50	ND	
tert-Butylbenzene	0.29	0.50	ND	
1,2,3-Trichloropropane	0.59	1.0	ND	
1,2,4-Trimethylbenzene	0.33	0.50	ND	
sec-Butyl Benzene	0.24	0.50	ND	
p-Isopropyltoluene	0.25	0.50	ND	
1,3-Dichlorobenzene	0.31	0.50	ND	
1,4-Dichlorobenzene	0.37	0.50	ND	
n-Butylbenzene	0.32	0.50	ND	
1,2-Dichlorobenzene	0.39	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND	
Hexachlorobutadiene	0.22	0.50	ND	
1,2,4-Trichlorobenzene	0.48	1.0	ND	
Naphthalene	0.57	1.0	ND	
1,2,3-Trichlorobenzene	0.52	1.0	ND	
Ethanol	100	100	ND	TIC
(S) Dibromofluoromethane			95.3	
(S) Toluene-d8			93.2	
(S) 4-Bromofluorobenzene			104	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405268
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			95.5	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3545_TPH	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2768
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405240
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.758	2	0.78	33.33	92.4	79.3	15.3	52.7 - 115	30	
Pentacosane (S)			ND	100	87.5	71.3		59.7 - 129		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	5035	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2773
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405238
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	83.7	83.4	0.342	48.2 - 132	30	
(S) 4-Bromofluorobenzene			78.6	50	94.6	95.7		57 - 127		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2776
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405246
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.20	5.0	ND	50	91.7	92.5	0.912	30.7 - 130	30	
Arsenic	0.28	1.7	ND	50	92.6	94.0	1.53	71 - 121	30	
Barium	1	5.0	ND	50	99.3	99.6	0.292	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	98.2	100	1.92	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	92.7	93.5	0.881	68.7 - 110	30	
Chromium	0.059	5.0	0.095	50	98.7	98.6	0.0811	76 - 116	30	
Cobalt	0.14	5.0	ND	50	96.2	96.7	0.487	57.4 - 122	30	
Copper	0.090	5.0	0.15	50	100	101	0.698	74.8 - 119	30	
Lead	0.13	1.0	0.17	50	93.7	94.6	0.977	67.9 - 118	30	
Molybdenum	0.059	5.0	0.17	50	97.7	98.3	0.622	62.9 - 123	30	
Nickel	0.059	5.0	0.075	50	95.9	96.5	0.593	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	89.3	88.5	0.855	62 - 111	30	
Silver	1.0	1.0	ND	50	95.5	96.0	0.470	81.1 - 109	30	
Thallium	0.12	5.0	ND	50	92.8	93.1	0.355	39.2 - 125	30	
Vanadium	0.12	5.0	ND	50	99.0	99.9	0.915	65.8 - 122	30	
Zinc	0.59	5.0	ND	50	93.7	94.0	0.288	59.9 - 122	30	





## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3510_TPH	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2779
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405284
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	1	92.9	78.8	16.5	50.3 - 125	30	
Pentacosane (S)			ND	100	106	105		57.9 - 125		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7470A	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2781
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW7470A	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405245
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.00005	0.0002	ND	0.015	107	110	2.89	80 - 120	20	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2782
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405248
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.01	0.10	ND	1.25	97.1	90.9	6.52	80.5 - 133	30	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2783
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405249
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.01	0.10	ND	1.25	116	115	1.10	80.5 - 133	30	



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3005	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2784
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405247
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony (Dissolved)	0.004	0.009	ND	1	96.0	91.7	4.53	80 - 120	20	
Arsenic (Dissolved)	0.005	0.009	0.00572	1	98.0	94.6	3.51	80 - 120	20	
Barium (Dissolved)	0.002	0.009	ND	1	91.6	90.5	1.49	80 - 120	20	
Beryllium (Dissolved)	0.002	0.005	ND	1	96.0	96.4	0.435	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	ND	1	96.1	93.4	2.75	80 - 120	20	
Chromium (Dissolved)	0.002	0.005	ND	1	90.9	88.7	2.45	80 - 120	20	
Cobalt (Dissolved)	0.002	0.005	ND	1	95.8	93.6	2.53	80 - 120	20	
Copper (Dissolved)	0.003	0.009	ND	1	91.2	90.4	0.529	80 - 120	20	
Lead (Dissolved)	0.005	0.014	ND	1	94.4	92.3	2.78	80 - 120	20	
Molybdenum (Dissolved)	0.002	0.009	ND	1	96.3	94.0	2.12	80 - 120	20	
Nickel (Dissolved)	0.002	0.009	ND	1	95.8	93.1	3.00	80 - 120	20	
Selenium (Dissolved)	0.004	0.02	ND	1	96.8	91.0	6.35	80 - 120	20	
Silver (Dissolved)	0.002	0.005	ND	1	90.9	90.3	0.609	80 - 120	20	
Thallium (dissolved)	0.004	0.009	0.00449	1	96.1	93.3	2.78	80 - 120	20	
Vanadium (Dissolved)	0.004	0.009	ND	1	91.2	90.5	0.450	80 - 120	20	
Zinc (dissolved)	0.002	0.009	0.00490	1	91.2	90.9	0.0112	80 - 120	20	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	5030	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2785
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405254
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	114	112	2.09	52.4 - 127	30	
(S) 4-Bromofluorobenzene			78.3	11.36	82.3	76.6		58.4 - 133		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2788
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405258
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.20	5.0	ND	50	92.9	91.7	1.35	30.7 - 130	30	
Arsenic	0.28	1.7	ND	50	93.2	95.5	2.40	71 - 121	30	
Barium	1	5.0	ND	50	97.4	100	2.83	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	89.8	95.3	5.68	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	93.0	95.3	2.43	68.7 - 110	30	
Chromium	0.059	5.0	0.075	50	96.5	98.4	1.94	76 - 116	30	
Cobalt	0.14	5.0	ND	50	96.0	97.3	1.36	57.4 - 122	30	
Copper	0.090	5.0	0.11	50	97.9	99.9	1.97	74.8 - 119	30	
Lead	0.13	1.0	0.21	50	95.5	95.4	0.157	67.9 - 118	30	
Molybdenum	0.059	5.0	0.23	50	98.6	99.3	0.717	62.9 - 123	30	
Nickel	0.059	5.0	0.070	50	94.8	95.8	1.01	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	89.1	91.0	2.13	62 - 111	30	
Silver	1.0	1.0	ND	50	93.4	95.6	2.36	81.1 - 109	30	
Thallium	0.12	5.0	0.22	50	93.7	94.5	0.882	39.2 - 125	30	
Vanadium	0.12	5.0	ND	50	96.8	99.4	2.69	65.8 - 122	30	
Zinc	0.59	5.0	ND	50	94.4	96.2	1.84	59.9 - 122	30	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3545_TPH	<b>Prep Date:</b>	06/01/11	<b>Prep Batch:</b>	2790
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	06/02/11	<b>Analytical Batch:</b>	405300
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.758	2	ND	33.33	73.2	72.0	1.60	52.7 - 115	30	
Pentacosane (S)			2.1	100	104	105		59.7 - 129		



## LCS/LCSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405238
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	99.3	115	14.9	53.7 - 139	30	
Benzene	1.5	10	ND	50	97.1	107	9.52	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	103	102	1.09	57.5 - 150	30	
Toluene	0.98	10	ND	50	114	107	6.28	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	99.3	104	4.72	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	91.9	97.8		59.8 - 148		
(S) Toluene-d8			ND	50	106	97.4		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	87.1	88.3		55.8 - 141		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW8260B	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405254
<b>Units:</b>	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	104	119	13.6	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	87.3	106	18.9	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	95.6	104	8.01	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	115	108	6.75	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	119	112	6.41	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	87.3	113		61.2 - 131		
(S) Toluene-d8			ND	11.36	91.3	88.5		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	96.7	110		64.1 - 120		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405268
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	ND	1000	93.4	108	14.8	48.2 - 132	30	
(S) 4-Bromofluorobenzene			95.5	50	103	96.2		57 - 127		



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7470A	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2781
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW7470A	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405245
<b>Spiked Sample:</b>	1105221-024A						
<b>Units:</b>	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.00005	0.0002	0.00004	0.015	98.9	98.3	1.48	75 - 125	20	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2776
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405246
<b>Spiked Sample:</b>	1105221-020A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.20	5.0	0.063	50	86.9	89.3	2.54	30.7 - 130	30	
Arsenic	0.28	1.7	0.070	50	88.1	93.7	5.72	71 - 121	30	
Barium	1	5.0	1.8	50	84.1	114	10.9	70.2 - 130	30	
Beryllium	0.0840	2.0	0.00	50	90.1	98.6	8.99	73.3 - 115	30	
Cadmium	0.059	1.0	0.015	50	89.4	92.8	3.67	68.7 - 110	30	
Chromium	0.059	5.0	0.47	50	108	130	13.1	76 - 116	30	S
Cobalt	0.14	5.0	0.11	50	88.9	91.7	2.76	57.4 - 122	30	
Copper	0.090	5.0	0.56	50	101	109	4.73	74.8 - 119	30	
Lead	0.13	1.0	2.4	50	65.5	214	39.0	67.9 - 118	30	S,R
Molybdenum	0.059	5.0	0.00	50	88.5	91.1	2.85	62.9 - 123	30	
Nickel	0.059	5.0	0.41	50	94.6	108	9.06	61.5 - 122	30	
Selenium	0.29	5.0	0.016	50	87.8	89.3	1.61	62 - 111	30	
Silver	1.0	1.0	0.015	50	95.9	99.8	3.93	81.1 - 109	30	
Thallium	0.12	5.0	0.00	50	78.3	82.5	5.16	39.2 - 125	30	
Vanadium	0.12	5.0	0.50	50	97.2	109	8.03	65.8 - 122	30	
Zinc	0.59	5.0	2.4	50	14.9	27.6	4.82	59.9 - 122	30	S



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3005	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2784
<b>Matrix:</b>	Water	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405247
<b>Spiked Sample:</b>	1105221-022A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony (Dissolved)	0.004	0.009	0.00	1	94.4	92.9	1.15	75 - 125	20	
Arsenic (Dissolved)	0.005	0.009	0.00	1	96.1	94.8	1.23	75 - 125	20	
Barium (Dissolved)	0.002	0.009	0.0697	1	89.3	88.7	0.128	80 - 120	20	
Beryllium (Dissolved)	0.002	0.005	0	1	95.6	94.1	1.92	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	0.00	1	93.6	93.1	0.906	75 - 125	20	
Chromium (Dissolved)	0.002	0.005	0.00	1	88.1	87.7	0.151	75 - 125	20	
Cobalt (Dissolved)	0.002	0.005	0.00	1	92.2	91.7	0.234	75 - 125	20	
Copper (Dissolved)	0.003	0.009	0.00	1	89.7	89.2	0.741	75 - 125	20	
Lead (Dissolved)	0.005	0.014	0.00	1	91.1	90.2	0.744	75 - 125	20	
Molybdenum (Dissolved)	0.002	0.009	0.024	1	94.5	94.1	0.433	75 - 125	20	
Nickel (Dissolved)	0.002	0.009	0.00	1	91.4	90.9	1.07	75 - 125	20	
Selenium (Dissolved)	0.004	0.02	0.00	1	97.0	95.0	2.08	75 - 125	20	
Silver (Dissolved)	0.002	0.005	0.00	1	90.1	89.4	0.547	75 - 125	20	
Thallium (dissolved)	0.004	0.009	0.00	1	93.8	91.3	2.79	75 - 125	20	
Vanadium (Dissolved)	0.004	0.009	0.00	1	88.6	88.7	0.115	75 - 125	20	
Zinc (dissolved)	0.002	0.009	0.00	1	88.5	88.2	0.762	75 - 125	20	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2782
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405248
<b>Spiked Sample:</b>	1105221-001A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.01	0.10	0.00025	1.25	83.7	98.7	16.2	60 - 140	30	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	7471	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2783
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	7471B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405249
<b>Spiked Sample:</b>	1105221-020A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.01	0.10	0.00424	1.25	112	108	3.08	60 - 140	30	



## MS/MSD Summary Report

*Raw values are used in quality control assessment.*

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3050	<b>Prep Date:</b>	05/31/11	<b>Prep Batch:</b>	2788
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW6010B	<b>Analyzed Date:</b>	06/01/11	<b>Analytical Batch:</b>	405258
<b>Spiked Sample:</b>	1105221-001A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.20	5.0	0.044	50	84.0	83.1	1.06	30.7 - 130	30	
Arsenic	0.28	1.7	0.045	50	91.2	92.1	0.946	71 - 121	30	
Barium	1	5.0	0.74	50	96.7	93.6	2.01	70.2 - 130	30	
Beryllium	0.0840	2.0	0.00	50	91.6	88.9	1.22	73.3 - 115	30	
Cadmium	0.059	1.0	0.00	50	92.1	91.7	0.424	68.7 - 110	30	
Chromium	0.059	5.0	0.54	50	93.1	93.3	0.204	76 - 116	30	
Cobalt	0.14	5.0	0.083	50	93.3	92.2	1.48	57.4 - 122	30	
Copper	0.090	5.0	0.100	50	98.7	101	1.73	74.8 - 119	30	
Lead	0.13	1.0	0.075	50	90.1	90.5	0.429	67.9 - 118	30	
Molybdenum	0.059	5.0	0.00	50	93.4	93.7	0.278	62.9 - 123	30	
Nickel	0.059	5.0	0.34	50	93.6	92.2	1.42	61.5 - 122	30	
Selenium	0.29	5.0	0.00	50	88.5	88.2	0.396	62 - 111	30	
Silver	1.0	1.0	0.00	50	95.3	96.9	1.71	81.1 - 109	30	
Thallium	0.12	5.0	0.00	50	85.6	87.2	1.89	39.2 - 125	30	
Vanadium	0.12	5.0	0.40	50	96.3	96.3	0.220	65.8 - 122	30	
Zinc	0.59	5.0	0.25	50	90.2	92.7	2.32	59.9 - 122	30	

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	NA	<b>Prep Date:</b>	NA	<b>Prep Batch:</b>	NA
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	8260TPH	<b>Analyzed Date:</b>	05/31/11	<b>Analytical Batch:</b>	405268
<b>Spiked Sample:</b>	1105221-018A						
<b>Units:</b>	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	17	100	0	1000	40.0	39.7	0.705	48.2 - 132	30	S
(S) 4-Bromofluorobenzene				50	77.5	71.1		43.9 - 127		

<b>Work Order:</b>	1105221	<b>Prep Method:</b>	3545_TPH	<b>Prep Date:</b>	06/01/11	<b>Prep Batch:</b>	2790
<b>Matrix:</b>	Soil	<b>Analytical Method:</b>	SW8015B(M)	<b>Analyzed Date:</b>	06/02/11	<b>Analytical Batch:</b>	405300
<b>Spiked Sample:</b>	1105221-014A						
<b>Units:</b>	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.76	2.0	15.4662	33.33	42.5	51.1	17.9	50.3 - 125	30	S
Pentacosane (S)				100	113	107		57.9 - 125		



## Laboratory Qualifiers and Definitions

### DEFINITIONS:

<b>Accuracy/Bias (% Recovery)</b> - The closeness of agreement between an observed value and an accepted reference value.
<b>Blank (Method/Preparation Blank)</b> -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
<b>Duplicate</b> - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
<b>Laboratory Control Sample (LCS ad LCSD)</b> - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
<b>Matrix</b> - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
<b>Matrix Spike (MS/MSD)</b> - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
<b>Method Detection Limit (MDL)</b> - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
<b>Practical Quantitation Limit (PQL)</b> - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
<b>Precision (%RPD)</b> - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
<b>Surrogate (S) or (Surr)</b> - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
<b>Tentatively Identified Compound (TIC)</b> - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
<b>Units:</b> the unit of measure used to express the reported result - <b>mg/L</b> and <b>mg/Kg</b> (equivalent to PPM - parts per million in <b>liquid</b> and <b>solid</b> ), <b>ug/L</b> and <b>ug/Kg</b> (equivalent to PPB - parts per billion in <b>liquid</b> and <b>solid</b> ), <b>ug/m<sup>3</sup></b> , <b>mg.m<sup>3</sup></b> , <b>ppbv</b> and <b>ppmv</b> (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), <b>ug/Wipe</b> ( concentration found on the surface of a single Wipe usually taken over a 100cm <sup>2</sup> surface)

### LABORATORY QUALIFIERS:

<p><b>B</b> - Indicates when the analyte is found in the associated method or preparation blank</p> <p><b>D</b> - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p><b>E</b> - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.</p> <p><b>H</b>- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p><b>J</b>- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p><b>NA</b> - Not Analyzed</p> <p><b>N/A</b> - Not Applicable</p> <p><b>NR</b> - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added</p> <p><b>R</b>- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p><b>S</b>- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative</p> <p><b>X</b> -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.</p>
---







## Login Summary Report

**Client ID:** TL5143 Northgate Environmental Management Inc.  
**Project Name:** 727 Pine, Oakland, CA  
**Project # :** 1204.20  
**Report Due Date:** 6/3/2011  
**Comments:** 5 day TAT! Received 21 soils and 9 waters @ 6'C.  
**Work Order # :** 1105221

**QC Level:**  
**TAT Requested:** 5+ day:0  
**Date Received:** 5/26/2011  
**Time Received:** 18:49

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1105221-001A	B-1-S1-1.5	05/26/11 9:10	Soil	11/22/11			S_6010BCAM17 S_7471BHG S_TPHDO S_GCMS-GRO	
<b>Sample Note:</b> Diesel only for all samples. Filter/Acidify metals upon receipt for water samples.								
1105221-002A	B-1-S2-7.0	05/26/11 9:15	Soil	11/22/11			S_6010BCAM17 S_TPHDO S_8260Full S_7471BHG S_GCMS-GRO	
1105221-003A	B-2-S1-1.5	05/26/11 10:10	Soil	11/22/11			S_7471BHG S_TPHDO S_6010BCAM17 S_GCMS-GRO	
1105221-004A	B-2-S2-5.0	05/26/11 10:15	Soil	11/22/11			S_7471BHG S_TPHDO S_GCMS-GRO S_8260Full S_6010BCAM17	
1105221-005A	B-3-S1-1.5	05/26/11 10:50	Soil	11/22/11			S_7471BHG S_TPHDO S_GCMS-GRO S_6010BCAM17	
1105221-006A	B-3-S2-7.0	05/26/11 10:55	Soil	11/22/11			S_7471BHG S_TPHDO S_GCMS-GRO S_6010BCAM17 S_8260Full	
1105221-007A	B-4-S1-1.5	05/26/11 12:20	Soil	11/22/11			S_7471BHG	



## Login Summary Report

**Client ID:** TL5143 Northgate Environmental Management Inc.  
**Project Name:** 727 Pine, Oakland, CA  
**Project # :** 1204.20  
**Report Due Date:** 6/3/2011  
**Comments:** 5 day TAT! Received 21 soils and 9 waters @ 6'C.  
**Work Order # :** 1105221

**QC Level:**  
**TAT Requested:** 5+ day:0  
**Date Received:** 5/26/2011  
**Time Received:** 18:49

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1105221-008A	B-4-S2-5.5	05/26/11 12:25	Soil	11/22/11			S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-009A	B-5-S1-1.5	05/26/11 13:00	Soil	11/22/11			S_7471BHG S_TPHDO S_8260Full S_6010BCAM17 S_GCMS-GRO	
1105221-010A	B-5-S2-7.0	05/26/11 13:05	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_GCMS-GRO S_8260Full S_TPHDO	
1105221-011A	B-5-S9-7.0	05/26/11 13:05	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_GCMS-GRO S_8260Full S_TPHDO	
1105221-012A	B-6-S1-1.5	05/26/11 13:50	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-013A	B-6-S2-5.0	05/26/11 13:55	Soil	11/22/11			S_7471BHG S_TPHDO S_8260Full S_GCMS-GRO S_6010BCAM17	



## Login Summary Report

**Client ID:** TL5143 Northgate Environmental Management Inc.  
**Project Name:** 727 Pine, Oakland, CA  
**Project # :** 1204.20  
**Report Due Date:** 6/3/2011  
**Comments:** 5 day TAT! Received 21 soils and 9 waters @ 6'C.  
**Work Order # :** 1105221

**QC Level:**  
**TAT Requested:** 5+ day:0  
**Date Received:** 5/26/2011  
**Time Received:** 18:49

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1105221-014A	B-7-S1-1.5	05/26/11 15:45	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_GCMS-GRO S_TPHDO	
1105221-015A	B-8-S1-1.5	05/26/11 16:55	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_GCMS-GRO S_TPHDO	
1105221-016A	B-9-S1-1.5	05/26/11 16:15	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-017A	B-10-S1-1.5	05/26/11 16:35	Soil	11/22/11			S_7471BHG S_TPHDO S_GCMS-GRO S_6010BCAM17	
1105221-018A	B-11-S1-1.5	05/26/11 17:20	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-019A	B-11-S9-1.5	05/26/11 17:20	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-020A	B-12-S1-1.5	05/26/11 17:50	Soil	11/22/11			S_7471BHG S_6010BCAM17 S_TPHDO S_GCMS-GRO	
1105221-021A	IDW	05/26/11 17:45	Soil	11/22/11			S_7471BHG	



## Login Summary Report

**Client ID:** TL5143 Northgate Environmental Management Inc.  
**Project Name:** 727 Pine, Oakland, CA  
**Project # :** 1204.20  
**Report Due Date:** 6/3/2011  
**Comments:** 5 day TAT! Received 21 soils and 9 waters @ 6'C.  
**Work Order # :** 1105221

**QC Level:**  
**TAT Requested:** 5+ day:0  
**Date Received:** 5/26/2011  
**Time Received:** 18:49

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1105221-022A	B-1-GG-7.2	05/26/11 9:45	Water	07/10/11			S_GCMS-GRO S_6010BCAM17 S_TPHDO  W_D7470AHG W_8260Full W_D6010BCAM17 W_TPHDO W_GCMS-GRO	
<b>Sample Note:</b>								
1105221-023A	B-2-GG-7.2	05/26/11 9:55	Water	07/10/11	On-Hold		Hold Samples	
1105221-024A	B-3-GG-7.3	05/26/11 11:00	Water	07/10/11			W_D7470AHG W_D6010BCAM17 W_TPHDO W_8260Full W_GCMS-GRO	
1105221-025A	B-4-GG-8.0	05/26/11 12:45	Water	07/10/11			W_D7470AHG W_TPHDO W_8260Full W_D6010BCAM17 W_GCMS-GRO	
<b>Sample Note:</b> 1105221-025A-One Amber bottle received in Broken condition for this sample.								
1105221-026A	B-5-GG-8.1	05/26/11 13:20	Water	07/10/11	On-Hold		Hold Samples	
1105221-027A	B-6-GG-8.3	05/26/11 14:10	Water	07/10/11	On-Hold		Hold Samples	
1105221-028A	MW-1-GW	05/26/11 15:20	Water	07/10/11			W_D7470AHG W_D6010BCAM17 W_TPHDO W_8260Full W_GCMS-GRO	
1105221-029A	B-3-S9-GG	05/26/11 11:00	Water	07/10/11				



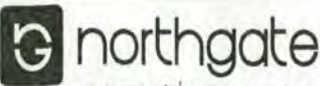
### Login Summary Report

**Client ID:** TL5143 Northgate Environmental Management Inc.  
**Project Name:** 727 Pine, Oakland, CA  
**Project # :** 1204.20  
**Report Due Date:** 6/3/2011  
**Comments:** 5 day TAT! Received 21 soils and 9 waters @ 6'C.  
**Work Order # :** 1105221

**QC Level:**  
**TAT Requested:** 5+ day:0  
**Date Received:** 5/26/2011  
**Time Received:** 18:49

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
1105221-030A	Trip Blank	0:00	Water	07/10/11			W_D7470AHG W_TPHDO W_8260Full W_GCMS-GRO W_D6010BCAM17  W_8260Full	

1105221

		<b>CHAIN OF CUSTODY/ANALYSIS REQUEST FORM</b>				<b>№ 2056</b>					
Project No.: 1204.20		Project Location: Oakland, CA		Date: 5/26/11		Serial No.: 1 of 2					
Project Name: 727 Pine		Field Logbook No.: DFR 5/26/11				Samplers: A. Starovoytov					
Sampler (Signature): <i>[Signature]</i>		ANALYSES									
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-g, TPH-d (8015)	CAMET METALS (6010/7000)	VOCs (8240)	HOLD	RUSH	REMARKS
B-1-S1-1.5	5/26/11	0910	001A	1	SOIL	X	X	X			Standard 5 day TAT
B-1-S2-7.0		0915	002A	1		X	X	X			
B-2-S1-1.5		1010	003A	1		X	X	X			Report results to:
B-2-S2-5.0		1015	004A	1		X	X	X			kimberly.ries@ngem.com
B-3-S1-1.0		1050	005A	1		X	X	X			anya.starovoytova@ngem.com
B-3-S2-7.0		1055	006A	1		X	X	X			
B-4-S1-1.5		1220	007A	1		X	X	X			LAB MUST FILTER/ACIDIFY
B-4-S2-5.5		1225	008A	1		X	X	X			METALS SAMPLES UPON RECEIPT
B-5-S1-1.5		1300	009A	1		X	X	X			
B-5-S2-7.0		1305	010A	1		X	X	X			
B-5-S3-7.0		1305	011A	1		X	X	X			
B-6-S1-1.5		1350	012A	1		X	X	X			
B-6-S2-5.0		1355	013A	1		X	X	X			
B-7-S1-1.5		1545	014A	1		X	X	X			
B-8-S1-1.5		1655	015A	1		X	X	X			
B-9-S1-1.5	✓	1615	016A	1	✓	X	X	X			Temp 6°C
Relinquished by: <i>[Signature]</i>		Date: 5/26/11		Time: 1758		Received By: <i>[Signature]</i>		Date: 5/26/11		Time: 1755	
Relinquished by: <i>[Signature]</i>		Date: 5/26/11		Time: 18:49		Received By: NAVING		Date: 5-26-11		Time: 18:49	
Method of Shipment: Courier pick-up at site		Date: 5/26/11		Time: 1730		Comments: Standard 5-day TAT, lab must filter/acidify metals sample upon receipt					
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 ph - (510) 839 0688 / fax - (510) 839-4350						Analytical Laboratory: Torrent Labs Milpitas, CA Attn: Patti/Nutan					

GB

1105221



CHAIN OF CUSTODY/ANALYSIS REQUEST FORM

No 2057

Project No.: 120420		Project Location: Oakland, CA		Date: 5/26/11		Serial No.: 2 of 2				
Project Name: 727 Pine		Field Logbook No.: DFR 5/26/11		ANALYSES		Samplers: A Starovoytov				
Sampler (Signature): <i>[Signature]</i>		Samples		ANALYSES		REMARKS				
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-g, TPH-d (8015)	PAH 17 Metals (6010/7000)	VOCs (8260)	HOLD	RUSH
B-10-S1-1.5	5/26/11	1635	017A	1	soil	X	X			
B-11-S1-1.5		1720	018A	1	soil	X	X			
B-11-S4-1.5		1720	019A	1	soil	X	X			
B-12-S1-1.0		1750	020A	1	soil	X	X			
B-1-GG-7.2		0945	022A	6	water	X	X	X		
B-2-GG-7.2		0955	023A	6	water				X	
B-3-GG-7.3		1100	024A	6	water	X	X	X		
B-4-GG-8.0		1245	025A	6	water	X	X	X		
B-5-GG-8.1		1320	026A	6	water				X	
B-6-GG-8.3		1410	027A	6	water				X	
MW-1-GW		1520	028A	6	water	X	X	X		
<del>HW</del> AS B-3-S9-GG		1100	029A	6	water	X	X	X		
MW		1745	021A	1	soil	X	X			
Temp slewb			030A	1	w			X		
Relinquished by: <i>[Signature]</i>		Date: 5/26/11	Time: 1758	Received By: <i>[Signature]</i>		Date: 5/26/11	Time: 1758			
Relinquished by: <i>[Signature]</i>		Date: 5/26/11	Time: 18:49	Received By: NAVIN G		Date: 5-26-11	Time: 18:49			
Method of Shipment: courier pick-up site		Date: 5/26/11	Time: 0730	Comments: Lab must filter/acidify metals samples upon receipt						
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 ph - (510) 839 0688 / fax - (510) 839-4350				Analytical Laboratory: Torrent Labs Milpitas, CA Attn: Patti/Nutan						

Temp 6°C

GB