

**Phase II Environmental Site Assessment
500 Kirkham Street
APN 004-049-001
Oakland, California**

December 16, 2011

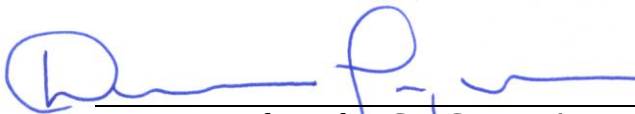
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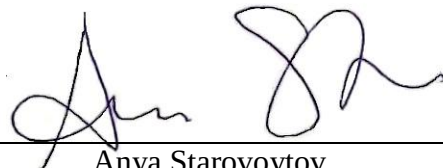
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ACRONYMS AND ABBREVIATIONS

APN	Assessor's Parcel Number
BART	Bay Area Rapid Transit
bgs	Below Ground Surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
Caltrans	California Department of Transportation
CHHSL	California Human Health Screening Level
DCA	Dichloroethane
DCB	Dichlorobenzene
DCE	Dichloroethylene
DTSC	Department of Toxic Substances Control
EPA	United States Environmental Protection Agency
ESI	Environmental Solutions, Inc.
ESL	Environmental Screening Levels
LCS/LCSD	Laboratory Control Spike/Laboratory Control Spike Duplicate
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
µg/kg	Microgram per kilogram
µg/L	Microgram per liter
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
MRL	Method Reporting Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl tert-Butyl Ether
ORP	Oxygen Reducing Potential
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PID	Photoionization Detector
PRG	Preliminary Remedial Goals
PSI	Professional Service Industries, Inc.
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
ROW	Right Of Way
RPD	Relative Percent Difference
RSL	Regional Screening Levels (U.S. EPA)
RWQCB	Regional Water Quality Control Board
SAP	Sampling and Analysis Plan
STLC	Soluble Threshold Limit Concentration
SVOC	Semi-volatile Organic Compounds
TCA	Trichloroethane
TCE	Trichloroethylene
TCLP	Toxicity Characteristic Leaching Procedure
TPH-d	Total Petroleum Hydrocarbons as Diesel



TPH-g	Total Petroleum Hydrocarbons as Gasoline
TPH-o	Total Petroleum Hydrocarbons as Motor Oil
TTLC	Total Threshold Limit Concentration
USCS	Unified Soils Classification System
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VOC	Volatile Organic Compounds
WET	Waste Extraction Test



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 500 Kirkham Street (Assessor's Parcel Number (APN) 004-049-001) in Oakland, Alameda County, California (the Site). The Site consists of an approximate 2.76-acre (500 feet by 250 feet) parcel of land primarily occupied by an asphalt-paved lot utilized as a construction staging area and storage yard. The Site is currently owned by the California Department of Transportation (Caltrans). 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 soil and groundwater quality conditions at the Site to evaluate possible impacts to potential redevelopment, including impacts to future commercial or residential occupants and potential worker exposure to contaminants during construction. A specific redevelopment plan has not been determined at this time. However, for the purpose of this report we have assumed that redevelopment will include both residential and commercial uses. This investigation was performed under the United States Environmental Protection Agency (EPA) Brownfield Assessment Grant # 2B-00T18101-0 for both hazardous substances and petroleum hydrocarbons. The work was performed in accordance with the following documents:

- *Quality Assurance Project Plan, West Oakland Development Area, Oakland, California, Northgate, September 8, 2009 (the QAPP), and*
- *Sampling and Analysis Plan, Phase II Soil and Groundwater Investigation, 500 Kirkham Street, APN 004-049-001, Oakland, California, Northgate, August 8, 2011 (the SAP).*

According to the *Phase I Environmental Site Assessment, 500 Kirkham Street, APN 004-049-001, Oakland, California* dated June 6, 2011, prepared by Northgate, the Site was occupied by residences and commercial/industrial development (including a variety of commercial/industrial warehouse and manufacturing operations such as clothing, canned goods, paper products, and others) from before the 1930s through the mid-1950s. From the mid-1950s through the early 1990s, the entire Site, with the exception of the southwest quarter, was covered by an elevated section of the Interstate 880 freeway. During this time, the southwest portion of the Site was occupied by a chemical repackaging operation and an automotive and truck repair businesses. The freeway was removed from the Site in the early 1990s at which time the entire Site reverted back to commercial and industrial land use.

The Site is listed as Smilo Chemical Company on the VCP, Envirostor, CERC-NFRAP, RCRA-SQG, and FINDS databases. The Site is also listed as J & A Truck Repair on the RCRA-SQG,



FINDS, HIST CORTESE, LUST, Alameda County CS, and HAZNET databases. These listings are related to historic use, storage, and release of hazardous materials on the southwest portion of the Site. Available information indicates that 4,700 cubic yards of contaminated soil was excavated and removed from the southwest portion of the Site in the 1990s. Groundwater beneath this portion of the Site reportedly contained a variety of contaminants, including petroleum hydrocarbons and volatile organic compounds (VOCs). The Site is currently listed as an open clean-up project undergoing site assessment on the Geotracker website maintained by the Regional Water Quality Control Board (RWQCB) as of December 30, 1995. The Department of Toxic Substance Control (DTSC) is listed as the lead agency for oversight. Within the DTSC Envirostor database, the Site status is listed as inactive and requiring evaluation as of September 3, 2010. It is understood that the City of Oakland is assisting the current property owner, Caltrans, in assessing environmental conditions at the Site to evaluate potential redevelopment options.

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 utilities;
- Collecting soil samples from 16 soil borings advanced to depths of 10 to 15 feet below ground surface (bgs) across the Site;
- Collecting grab groundwater samples from nine of the boring locations;
- Re-developing four on-Site groundwater monitoring wells and collecting groundwater samples;
- Selectively analyzing soil and groundwater samples for total petroleum hydrocarbons (TPH), VOCs, semi-volatile organic compounds (SVOCs), organochlorine pesticides, polychlorinated biphenyls (PCBs), and metals; and
- Preparing this report.



2.0 BACKGROUND

2.1 Site Description

The Site is located at 500 Kirkham Street in Oakland, California. The Site consists of an approximate 2.76 acre (500 feet by 250 feet) parcel of land bounded by 7th Street on the north, 5th Street on the south, Union Street on the east, and Kirkham Street on the west. The Site consists of a paved lot currently used as a storage yard and staging area for a construction company. A paved, inclined roadway previously used for truck driver training is present on the northern portion of the Site and an office trailer is located along the western property boundary. A Bay Area Rapid Transit (BART) right-of-way (ROW) easement transects the southwest corner of the Site. The southwest portion of the Site situated between the BART easement and Kirkham and 5th Streets consists of vacant land.

The Site originally consisted of bay-margin wetlands that were partially filled in between 1866 and 1890. In 1902, the Site was bisected between 7th and 5th Streets by Poplar Street. Land use at that time consisted of a mix of residences and commercial/industrial activities. A railroad spur track entered the southwestern portion of the Site from 5th Street to serve commercial and industrial operations that were present on the Site between 1912 and the mid-1950s. Between the mid-1950s and 1990, the majority of the Site was covered diagonally from northwest to southeast by an elevated section of the Nimitz (Eastshore) Freeway. The freeway was removed and relocated about 300 feet south of the Site in the mid-1990s.

Between 1954 and 1984, the southwestern portion of the Site was occupied by Smilo Chemical Company, a chemical repackaging business. Between 1984 and 1994, this portion of the Site was occupied by J&A Truck Repair. The Site is currently owned and managed by Caltrans who acquired the Site in 1994.

2.2 Previous Investigations

A soil sampling program performed in 1981 by the Alameda County Department of Health and Safety indicated the presence of heavy metals and pesticides in shallow soil at the Site. However, the actual sampling depths and locations were not reported. In 1992, GeoResource Consultants collected soil samples from depths of 1 and 3 feet bgs at one location along the southwestern corner of the Site. Organochlorine pesticides and metals were not detected above the laboratory method reporting limits (MRLs) in either sample with the exception of lead, which was detected in the 1-foot sample at 81 milligrams per kilogram (mg/kg). Results from a California Waste Extraction Test (WET) analysis indicated that soluble lead concentrations did not exceed the Soluble Threshold Limit Concentration (STLC) for lead.



In 1994, Environmental Solutions, Inc. (ESI) performed an investigation that included collecting six wipe samples from interior walls and floors of the on-Site warehouse and collecting soil and groundwater samples from 12 locations in the vicinity of an underground storage tank (UST) present along the western Site boundary (north of the BART ROW) at that time. Borings were drilled to depths of 4 to 13 feet bgs, with soil samples collected at 1, 5, and 8 feet bgs submitted for chemical analysis. Analytical results indicated that soils in the vicinity of the UST were impacted by gasoline, oil and grease, lead, acetone, BTEX (benzene, toluene, ethylbenzene, and xylenes), and SVOCs. A WET test performed on samples near the UST, former sumps, and an on-Site railroad spur indicated soluble lead concentrations above the STLC. Six boring locations were drilled to approximately 10 to 13 feet bgs for collecting groundwater samples. According to ESI, groundwater beneath the Site was impacted by petroleum hydrocarbons, metals, VOCs and unknown compounds in the diesel and motor oil range. Heavy metals and VOCs detected in groundwater exceeded their respective maximum contaminant levels (MCLs, the State primary drinking water standard), established under Title 22 of the California Code of Regulations.

In 1994, Caltrans entered into a Voluntary Cleanup Agreement (VCA) with the DTSC for the Cypress Freeway Relocation Project and East Bay Municipal Utility District Sewer Line Realignment in Oakland and Emeryville, California. The reconstruction project covered 34 separate properties, including the 500 Kirkham Street property. The VCA was subsequently amended twice in 1996, and once in each 1997, 1999, and 2002.

According to a Site investigation report prepared by Professional Service Industries, Inc. (PSI), all on-Site structures were demolished in April 1995 and one approximately 2,000-gallon UST was removed from the Site on August 30, 1995. Petroleum hydrocarbons were detected in soil and groundwater samples collected from the UST excavation pit. Heavy metals were detected in a composite sample collected from the excavated soil stockpile. In November 1995, the southwest portion of the Site was over-excavated and a total of 92 confirmation samples were collected from the excavation pit. Twenty-five chemicals were detected in the soil samples, including PCBs, which were found at concentrations exceeding the Region 9 Preliminary Remedial Goals (PRGs), established by the EPA. The Envirostor database record for the Site, maintained by the DTSC, notes the completion of soil excavation to 6 feet bgs. However, it should be noted that a formal report describing the details of this remediation work could not be located for review. In 2000, PSI installed four monitoring wells at the Site and collected soil samples from depths of 6.5 and 7 feet bgs. Low levels of VOCs, SVOCs, and heavy metals were detected in the soil samples. Low levels of TPH as gasoline and diesel, VOCs, SVOCs, and heavy metals were detected in groundwater beneath the Site. The report concluded that groundwater monitoring should continue at the Site on a quarterly basis. However, groundwater



monitoring data for 2001 and beyond could not be located and it is unclear whether quarterly groundwater monitoring ever occurred 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 August 10 and 11, 2011. Field work included scanning the property with remote sensing equipment to evaluate the Site for the possible presence of underground utilities. Subsequent to scanning, nine borings were advanced to depths of 10 to 15 feet bgs for collecting soil and groundwater samples. Seven additional borings were advanced to a depth of 10 feet bgs for collecting soil samples. Approximate boring locations are shown on Figure 2. Permits for the borings were obtained from the Alameda County Public Works Department and are presented in Appendix A.

The borings were advanced using a truck-mounted direct push GeoProbe sampling rig. During sampling, continuous cores of subsurface materials were collected in clear acetate liners. Upon removing the sampler from the borehole, the acetate liner containing the soil core was opened at various intervals, and the soils were visually inspected and screened using a photoionization detector (PID) for the possible presence of contamination. 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, and 7-13 feet bgs from borings B-1 through B-16. Sample intervals selected for chemical analysis were cut from the liners, sealed with Teflon tape and plastic caps, labeled, and stored on ice in a cooler for transport to the testing laboratory under appropriate chain-of-custody control. Soil samples selected for VOC analysis were collected directly from a cut liner using a TerraCore™ sampler and were immediately transferred to a pre-weighed laboratory-supplied glass vial preserved with sodium bisulfate.

Duplicate soil samples were collected at 5 feet bgs from boring B-5 and at 1 foot bgs from borings B-7 and B-12. Duplicate soil samples were collected immediately adjacent to the primary sample. The laboratory was instructed to perform analysis on adjoining ends of the two core samples.

Soil samples collected from depths of approximately 1 and 5 feet bgs were analyzed for the following constituents:

- TPH as diesel and oil (TPH-d, TPH-o) using EPA Method 8015;



- TPH as gasoline (TPH-g) using EPA Method 8260;
- VOCs using EPA Method 8260;
- PCBs using EPA Method 8082;
- SVOCs using EPA Method 8270; and
- 17 Metals using EPA 6000/7000 series.

Soil samples collected from a depth of 1 foot bgs were additionally analyzed for:

- Organochlorine pesticides using EPA Method 8081.

Soil samples collected from 7-10 feet bgs were initially held pending the results of the 1 foot and 5 foot bgs samples. The following deeper samples were analyzed following receipt of the shallow soil sample results:

- The 10-foot sample from boring B-11 analyzed for TPH-g and VOCs; and
- The 9-foot sample from boring B-2 and 8-foot sample from boring B-8 analyzed for TPH-o and total lead.

Grab groundwater samples were collected at nine borings 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 from boring B-12.

Groundwater samples were placed in laboratory-supplied glassware, labeled, and stored on ice in a cooler for transport to the testing laboratory under appropriate chain-of-custody control.

Groundwater samples were analyzed for:

- TPH-d and TPH-o using EPA Method 8015;
- TPH-g using EPA Method 8260;
- VOCs using EPA Method 8260; and
- 17 Metals (dissolved) using EPA 6000/7000 series.

Soil and groundwater samples were analyzed at Torrent Laboratory of Milpitas, California. 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 requirements. All soil cuttings generated during this investigation were stored on the Site in a sealed 55-gallon drum.



3.1.2 Groundwater Monitoring Well Re-Development and Sampling

Four groundwater monitoring wells are located on the Site. Well JA-1 is located along the western property boundary (adjacent to Kirkham Street) and wells JA-2 through JA-4 are located on the southern portion of the Site (immediately north of the BART ROW). An additional unmarked well, MW-X, was also observed adjacent to well JA-4. Northgate was unable to access well JA-1 due to a large storage container which was staged on top of the well box. The remaining wells were assessed in the field and well construction specifications including depth, casing diameter and material, surface completion, well security, and installed sampling equipment were recorded. The wells were re-developed on August 10 and 11, 2011 by gentle surging and pumping using a disposable bailer and a peristaltic pump with dedicated tubing. Groundwater field parameters of temperature, pH, electrical conductance, dissolved oxygen, and oxygen reducing potential (ORP) were recorded at regular intervals during re-development. Well re-development continued until the water was relatively free of sand, silt, and turbidity and the field parameters had stabilized to within 10 percent of previous readings. A minimum of 10 casing volumes were purged from each well during re-development. Purge water was stored on-Site in sealed and labeled 55-gallon drums.

Wells JA-2, JA-3, and JA-4 were sampled on August 15, 2011 using a peristaltic pump with dedicated tubing. The tubing was positioned at the approximate middle of the water column of each well. The pumping rate was maintained to control drawdown to less than 0.3 feet. The pumping rate was maintained below 100 milliliters per minute when collecting samples for volatile constituent analysis. A duplicate groundwater sample was collected from well JA-4.

All samples were placed in laboratory supplied containers, labeled, and stored on ice in a cooler for transport to the laboratory under appropriate chain-of-custody control. Samples were analyzed at Torrent Laboratory of Milpitas, California. Each monitoring well groundwater sample was analyzed for:

- TPH-d and TPH-o using EPA Method 8015;
- TPH-g using EPA Method 8260;
- VOCs using EPA Method 8260; and
- 17 Metals using EPA 6000/7000 series.

All non-dedicated sampling equipment was decontaminated by washing with Alconox (a laboratory-grade detergent) and rinsing with deionized water before use at each well.



3.1.3 Data Evaluation

Chemical test results from soil samples collected during this investigation were evaluated using Environmental Screening Levels (ESLs) established by the California RWQCB (*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final, November 2005, Revised May 2008) and the Total Threshold Limit Concentrations (TTLCs) established by the State of California (Title 22, California Code of Regulations).

The ESLs were developed to address environmental protection goals presented in the *Water Quality Control Plan for the San Francisco Bay Basin* (Basin Plan; RWQCB, 2006), including protection of groundwater and surface water resources, protection of human health, protection against vapor intrusion into buildings, and other concerns. The 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 Tier 1 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 drinking water; assumptions that may not necessarily be applicable to a particular site. According to the RWQCB Basin Plan, groundwater in the vicinity of the subject Site is classified as a potential drinking water supply. 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 California Human Health Screening Level (CHHSL) for lead in residential land use to 80 parts per million (ppm) and in commercial/industrial land use to 320 ppm. Those screening levels are used in place of the RWQCB ESLs for lead in soil in this report. The TTLCs are used to define a waste as a hazardous or non-hazardous waste for landfill disposal purposes, and do not necessarily have any relation to health risk evaluation.

Groundwater chemical test results were compared to the MCLs (the State Primary Drinking Water Standards) established under Title 22 of the California Code of Regulations and the ESLs for evaluating potential vapor intrusion into buildings. Where ESLs were not established, the US EPA Regional Screening Levels (RSLs) for tap water are provided.



3.2 Investigation Results

3.2.1 Scanning for Underground Utilities

Scanning the boring locations with remote sensing equipment (e.g., metal detecting devices) did not indicate the presence of underground utilities in the vicinity of the borings.

3.2.2 Subsurface Conditions

The majority of the Site is paved with an approximate 4-inch asphaltic concrete that was drilled through prior to soil sampling each boring, with the exception of borings B-3 and B-16. Boring B-3 was advanced along the inclined roadway in an unpaved area and boring B-16 was advanced in the southwest corner of the Site, within a small vacant unpaved lot. Subsurface soils encountered at the Site consisted primarily of well graded sand. Well graded sand with clay and clayey sand were encountered in several borings at depths typically ranging from 5 to 10 feet bgs. Groundwater was encountered in nine of the 16 borings at depths between 6.5 to 8.5 feet bgs in borings B-1, B-4, B-8, B-11, and B-12 and at depths of 3.5 to 5.5 feet bgs in borings B-5, B-13, and B-16.

3.2.3 Soil Quality

Soil sample analytical results are presented in Tables 1 and 2, and the laboratory analytical reports are presented in Appendix C. As shown in Table 1, TPH-g was not detected above the laboratory MRL in any of the soil samples collected at the Site, with the exception of the 5-foot sample collected from boring B-3 (0.11 mg/kg) and the 6-foot sample collected from boring B-11 (150 mg/kg). These borings were advanced at the top of the inclined roadway (B-3) and immediately west of the office trailer, in close proximity to the location of the former on-Site UST (B-11), respectively. The measured concentration of TPH-g from boring B-11 (150 mg/kg) exceeds the Tier 1 and Commercial/Industrial ESLs of 83 mg/kg but does not exceed the construction worker exposure ESL of 4,200 mg/kg for TPH-g. The 10-foot sample from boring B-11 was analyzed for TPH-g to evaluate the vertical extent of elevated TPH-g concentrations. The 10-foot sample did not contain TPH-g above the laboratory MRL of 0.1 mg/kg.

TPH-d was reported in five soil samples collected from the 5-6 foot depth in borings B-3, B-5, B-11, B-12, and B-15. TPH-d concentrations range from 2.0 to 8.1 mg/kg and do not exceed ESLs for residential or commercial land use.

TPH-o was detected above the laboratory MRLs in all but five of the samples analyzed, at concentrations ranging from 4 to 960 mg/kg. Concentrations of TPH-o in three soil samples, the 5-foot sample from B-8 (550 mg/kg), the 1-foot sample from B-9 (720 mg/kg), and the 1-foot



sample from B-13 (960 mg/kg), exceed the Tier 1 ESL of 370 mg/kg for TPH-o. The elevated concentrations of TPH-o do not exceed the commercial/industrial land use ESL of 2,500 mg/kg or the construction worker exposure ESL of 12,000 mg/kg. As shown on Table 1, deeper soil samples from all three borings (B-8, B-9, and B-13) did not exceed any of the regulatory standards considered in this investigation.

VOCs were not detected above the laboratory MRLs in any of the soil samples collected at the Site, with the exception of the 6-foot sample from B-11 which contained 1,500 micrograms per kilogram ($\mu\text{g/kg}$) of ethylbenzene, 5,470 $\mu\text{g/kg}$ of xylenes, 1,600 $\mu\text{g/kg}$ of 1,3,5-trimethylbenzene, and 4,800 $\mu\text{g/kg}$ of 1,2,4-trimethylbenzene and the 1-foot sample from boring B-14 which contained 7.7 $\mu\text{g/kg}$ of xylenes and 8.9 $\mu\text{g/kg}$ of 1,2,4-trimethylbenzene

The concentration of xylenes in the sample from B-11 (5,470 $\mu\text{g/kg}$) exceeds the Tier 1 and commercial/industrial ESLs of 2,300 $\mu\text{g/kg}$ but does not exceed the construction worker exposure ESL of 420,000 $\mu\text{g/kg}$. It should be noted that, the high concentration of hydrocarbons in the 6-foot sample from boring B-11 required dilution, which increased the MRLs for benzene and MTBE above their respective Tier 1 and commercial/industrial land use ESLs. VOCs were not detected above the laboratory MRLs in the 10-foot sample from boring B-11.

SVOCs, organochlorine pesticides, and PCBs were not detected above the laboratory MRLs in any soil samples analyzed for these constituents.

Test results for metals are shown in Table 2. Antimony, beryllium, molybdenum, selenium, silver, and thallium were not detected above the laboratory MRLs in any soil samples collected at the Site. Cadmium was not detected above the laboratory MRLs in any soil samples with the exception of the 1-foot sample from boring B-11, which contained 1.1 mg/kg of cadmium. The measured concentration of cadmium does not exceed any of the regulatory standards considered in this investigation. Barium (27 to 430 mg/kg), chromium (8.5 to 49 mg/kg), nickel (9.2 to 37 mg/kg), and zinc (9 to 130 mg/kg) were detected above the laboratory MRLs in every soil sample analyzed, but at concentrations below their respective regulatory standards. Cobalt was measured in 21 soil samples at concentrations ranging from 5.1 to 17 mg/kg. Copper was measured in 23 soil samples at concentrations ranging from 5.5 to 58 mg/kg. Mercury was measured in nine soil samples at concentrations ranging from 0.1 to 0.38 mg/kg. None of the reported concentrations of cobalt, copper, or mercury exceed their respective regulatory standards.

Arsenic was reported in nearly all soil samples analyzed, at concentrations ranging from 1.7 to 16 mg/kg. All measured concentrations exceed the Tier 1 and commercial/industrial ESLs of



0.39 mg/kg and 1.6 mg/kg, respectively. One reported concentration, 16 mg/kg measured in the 1-foot sample from boring B-11, exceeds the construction worker exposure ESL of 15 mg/kg.

Vanadium was reported in all of the soil samples analyzed at concentrations ranging from 15 to 41 mg/kg. With the exception of two soil samples, all of the measured concentrations exceed the Tier 1 ESL of 16 mg/kg for vanadium. However, none of the reported concentrations exceed the commercial/industrial land use or construction worker exposure ESLs of 200 mg/kg and 770 mg/kg, respectively. It should be noted that most soils throughout the San Francisco Bay Area contain arsenic and vanadium at naturally occurring levels that are above the Tier 1 ESLs. In our opinion, the arsenic and vanadium measured in the samples are generally representative of naturally occurring background levels and do not represent a significant environmental concern.

Lead was reported in every sample analyzed at concentrations ranging from 2 to 130 mg/kg. Five of the highest concentrations reported exceed the residential land use CHHSL of 80 mg/kg: 87 mg/kg (1-foot sample from B-9), 98 mg/kg (1-foot sample from B-8), 100 mg/kg (1-foot sample from B-3), 120 mg/kg (1-foot sample from B-2), and 130 mg/kg (5-foot sample from B-2). However, none of the reported concentrations exceed the commercial/industrial land use CHHSL of 320 mg/kg or the construction worker ESL of 750 mg/kg. Given the increasing lead concentration with depth in boring B-2, the 9-foot soil sample was additionally analyzed for total lead. This sample contained 2.1 mg/kg, which is below the regulatory screening standards.

Although none of the measured concentrations of metals exceed their respective TTLCs, soil samples with the nine highest reported concentrations of lead could potentially contain soluble lead above the STLC of 5 milligrams per liter (mg/L) which could classify a waste as hazardous waste based on its soluble lead content. To evaluate this potential, four soil samples (B-7-1.0 with lead at 50 mg/kg, B-8-1.0 with lead at 98 mg/kg, B-3-1.0 with lead at 100 mg/kg, and B-2-5.0 with lead at 130 mg/kg) were additionally analyzed for soluble lead using the WET. One of the samples (B-2-5.0) was also analyzed for soluble lead using the Toxicity Characteristic Leaching Procedure (TCLP). Soluble lead test results are presented in Table 3. As shown in the table, soluble lead was reported at concentrations ranging from 4.1 to 11 mg/L using the WET and below the MRL of 0.10 mg/L using the TCLP. Lead solubility varied between soil samples collected from the elevated roadway on the northern boundary of the Site, compared to samples collected on the eastern half of the Site. As shown on the associated solubility graph on Table 3, soils from the elevated roadway could potentially contain soluble lead above the STLC of 5 mg/L if the total lead concentration is 170 mg/kg or above. Alternatively, soils from the eastern half of the Site could potentially contain soluble lead above the STLC when total lead concentrations are 50 mg/kg or above. Soluble lead content in soil samples B-7-1.0 and B-8-1.0, located on the eastern corner of the Site, exceed the STLC of 5.0 mg/L for lead and would be



classified as a California hazardous waste for landfill disposal purposes if removed from the Site. Although soils in the elevated roadway contain higher concentrations of total lead it appears to be in a less leachable form than lead reported in Site-wide soil.

3.2.4 Grab-Groundwater Quality

Groundwater samples were collected from borings B-1, B-4, B-5, B-8, B-9, B-11, B-12, B-13, and B-16. Chemical test results are presented in Table 4 and 5, and laboratory analytical reports are presented in Appendix C. As shown in Table 4, TPH-o was not detected above the laboratory MRL in any of the groundwater samples analyzed. TPH-g was not detected in any samples, with the exception of groundwater collected at boring B-11 (1,300 µg/L) and B-13 (51 µg/L). The laboratory report notes that the TPH-g results from B-11 do not match the reference gasoline standard and may be due to contributions from heavy end hydrocarbons (possibly aged gasoline) and non-fuel hydrocarbons. The 51 µg/L of TPH-g reported at B-13 is between the laboratory method detection limit (MDL) and the method reporting limit (the MRL, or the practical quantitation limit – PQL) and is considered “estimated” (J flagged) by the laboratory. The measured concentration at B-11 exceeds the drinking water ESL of 100 µg/L but does not exceed the non-drinking water ESL of 5,000 µg/L.

TPH-d was measured only in the groundwater sample from boring B-11, at a concentration of 350 µg/L. The laboratory report noted that the results for TPH-d did not match the reference diesel pattern and may be fuel lighter than diesel. The reported concentration of TPH-d exceeds the drinking water MCL of 100 µg/L but does not exceed the non-drinking water MCL of 2,500 µg/L.

VOCs were detected above laboratory MRLs in the groundwater samples collected from five borings locations. Chloromethane was reported at 0.88 µg/L in groundwater from boring B-4. Groundwater from boring B-8 contained 4.9 µg/L of chloroform and 0.35 µg/L of methylene chloride. However, the measured concentration of methylene chloride fell between the MDL and the PQL and is considered “estimated” (J flagged) by the laboratory. Methyl tert-butyl ether (MTBE) was reported at 0.69 µg/L in groundwater from boring B-9. The largest suite of VOCs were reported in groundwater collected at boring B-11 including ethylbenzene (45 µg/L), xylenes (127 µg/L), isopropyl benzene (6.1 µg/L), n-propylbenzene (21 µg/L), 1,3,5-trimethylbenzene (26 µg/L), 1,2,4-trimethylbenzene (52 µg/L), n-butylbenzene (4.6 µg/L), and naphthalene (12 µg/L). The reported concentrations of chloroform, 1,2,4-trimethylbenzene, and naphthalene exceed the RSLs of 0.19, 15, and 0.14 µg/L, respectively. None of the other measured concentrations of VOCs in groundwater from borings B-4, B-8, B-9, or B-11 exceed their respective regulatory standards.



Groundwater from boring B-13 contained several chlorinated VOCs including: 48 µg/L of tetrachloroethylene (PCE), 49 µg/L of trichloroethylene (TCE), 1.1 µg/L of vinyl chloride, 9.6 µg/L of cis-1,2-DCE, 1.5 µg/L of trans-1,2-DCE, and 0.61 µg/L of chloroform. The reported concentrations of PCE, TCE, vinyl chloride, and cis-1,2-DCE exceed the MCLs (the State Primary Drinking Water Standards) established under Title 22 of the California Code of Regulations of 5, 5, 0.5, and 6 µg/L, respectively. The reported concentration of chloroform exceeds the RSL of 0.19 µg/L. All of the detected concentrations of VOCs are well below their respective ESLs for evaluating potential vapor intrusion into buildings established by the RWQCB.

As shown in Table 5, with the exception of arsenic, barium, cobalt, molybdenum, nickel, and silver, metals were not detected above the laboratory MRLs in any grab-groundwater sample analyzed. Barium (0.022-0.19 mg/L), cobalt (0.0052-0.023 mg/L), molybdenum (0.015-0.043 mg/L), nickel (0.012-0.059 mg/L), and silver (0.0054 and 0.0056 mg/L) were reported at concentrations below their respective MCLs, where established. Arsenic was measured above the laboratory MRL in groundwater from two boring locations: B-9 (at 0.02 mg/L) and B 16 (at 0.01 mg/L). The reported concentration of arsenic from boring B-9 exceeds the MCL of 0.01 mg/L for arsenic.

3.2.5 Monitoring Well Groundwater Quality

Groundwater samples were collected from on-Site monitoring wells JA-2, JA-3, and JA-4 on August 15, 2011. Chemical test results are presented in Tables 6 and 7, and laboratory analytical results are presented in Appendix C. As shown in Table 6, TPH-d and TPH-o were not detected above the laboratory MRLs in any of the wells. TPH-g was reported in the primary and duplicate groundwater samples collected from well JA-4 at concentrations of 180 µg/L and 190 µg/L, respectively. The laboratory report notes that results for both the primary and duplicate samples did not match the reference gasoline standard and the results are due to discrete peaks of non-fuel compounds (VOCs). Both measured concentrations of TPH-g exceed the drinking water ESL of 100 µg/L but do not exceed the non-drinking water ESL of 5,000 µg/L.



VOCs were not detected in groundwater sample from the monitoring wells, with the exception of the primary and duplicate samples from well JA-4. Benzene (0.53 µg/L), 1,1-dichloroethene (1,1-DCE – 5.2 µg/L in both samples), trans-1,2-DCE (2.6 and 2.7 µg/L), chloroform (0.53 µg/L), and 1,1,2-TCA (0.91 and 0.85 µg/L) were reported at concentrations below their respective regulatory standards. PCE (36 and 34 µg/L), TCE (140 and 150 µg/L), cis-1,2-DCE (160 and 170 µg/L), 1,1-DCA (46 and 45 µg/L), and vinyl chloride (2.5 µg/L in both samples) were measured in the primary and duplicate samples at concentrations that exceed their respective MCLs, but below their respective ESLs for vapor intrusion. The reported concentration of chloroform in the primary sample exceeds the RSL of 0.19 µg/L. As previously discussed, a suite of VOCs were also reported in the grab groundwater sample from boring B-13, located upgradient of well JA-4. However, the grab groundwater sample collected from boring B-5, located upgradient of B-13 did not contain VOCs above the laboratory MRLs. The potential source or the full extent of VOCs in groundwater beneath the Site remains undefined.

As shown in Table 7, with the exception of barium, chromium, cobalt, and nickel, dissolved metals were not detected above the laboratory MRLs in any monitoring well samples analyzed. Barium was measured in all four monitoring well samples, at concentrations ranging from 0.074 to 0.17 mg/L. Chromium was only measured in the primary and duplicate samples from well JA-4, at concentrations of 0.007 and 0.0067 mg/L, respectively. Cobalt was only measured in the primary and duplicate samples from well JA-4, at concentrations of 0.008 and 0.0079 mg/L, respectively. Nickel was measured in three of the four groundwater samples, from wells JA-3 and JA-4 (primary and duplicate), at concentrations of 0.036, 0.3, and 0.29 mg/L, respectively. The reported concentrations of nickel in groundwater from well JA-4 exceed the MCL of 0.1 mg/L for nickel. None of the other measured concentrations of dissolved metals exceed their respective MCLs.

3.3 Quality Assurance/Quality Control (QA/QC)

Soil and groundwater samples were collected following sampling protocols and QA/QC procedures outlined in the SAP, prepared by Northgate on August 8, 2011. Chain-of-custody forms were completed for all samples and samples were preserved according to the analytical method requirements.

Sampling QA/QC procedures were followed with respect to equipment, field procedures, sample containers, decontamination, storage, holding times, and field QC sampling outlined in the SAP. All analyses were performed according to standard methods by Torrent Laboratory in Milpitas, California. All sample holding times and preservation requirements were met. The laboratory report noted that high concentrations of hydrocarbons in the 6-foot sample from boring B-11



necessitated a methanol extraction for VOCs, as opposed to analyzing from the pre-tared 5035 vials. In this case, the soil sample for methanol extraction was collected directly from the soil liner.

Method blanks were analyzed for each analytical method performed to assess the level of contamination introduced by the laboratory. Results of the method blank analysis were all non-detect, with the exception of TPH-d, TPH-o, methylene chloride, and several metals that were reported at very low-level concentrations.

Surrogate recoveries were performed by spiking selected samples with a known concentration of a contaminant (laboratory control spike [LCS] and laboratory control spike duplicate [LCSD]) and the percent recovery was calculated to assess the accuracy of the analytical method. Surrogate recoveries and the relative percent different (RPD) between duplicate results – calculated to assess the precision of the data – were all within the acceptable range.

Northgate collected three duplicate soil samples: at the 5-foot depth from boring B-5, the 1-foot depth from boring B-7, and the 1-foot depth from boring B-12. One grab groundwater duplicate sample was collected from boring B-12. One duplicate groundwater monitoring well sample was collected from well JA-4. Comparison of primary and duplicate sample results is shown in Tables 8 and 9. All duplicate samples contained the same detected compounds at generally similar concentrations. RPD values for soil duplicates were below 50% and RPD values for groundwater duplicates were below 30%, indicating the results are acceptable.

Northgate collected equipment blanks for VOCs and metals and a field blank for VOCs in accordance with procedures outlined in the SAP. Contaminants were not measured above the laboratory MRLs in any of the equipment and field blanks.

Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed by the laboratory on one of the samples submitted from this investigation. The percent recoveries for several metals, 1,4-DCB, and TPH-d were outside of laboratory control limits but were within RPD limits. The associated LCS/LCSD percentage recoveries and RPD were within limits and corrective actions were not required.



4.0 CONCLUSIONS AND RECOMMENDATIONS

- Soil in the vicinity of boring B-11, located along the western property boundary, appears to be locally impacted by TPH-g. The concentration of TPH-g at 6-feet bgs exceeds both the Tier 1 (residential) and commercial/industrial land use ESLs. Soil in this area should be excavated and removed off-Site or isolated beneath an engineered cap prior to redevelopment.
- Shallow soil in several locations throughout the Site (borings B-8, B-9, and B-13) contains concentrations of TPH-o above the Tier 1 (residential land use) ESL. Shallow soil in these areas should be excavated and removed off-Site or isolated beneath an engineered cap prior to any residential development. Given the long industrial use of the Site, localized areas of hydrocarbon impacted soil could be encountered elsewhere. We recommend additional evaluation of impacted soil if encountered during Site grading activities to evaluate appropriate management options.
- Elevated concentrations of total lead were measured in soil samples collected from the elevated roadway, located along the northern Site boundary. Although lead in these samples from the roadway does not appear to be readily soluble, total lead concentrations exceed the CHHSL for residential land use. The measured concentrations of lead do not exceed the CHHSL for commercial/industrial land use. If a mixed residential/commercial redevelopment is proposed for the Site, soil with lead above 80 mg/kg should be excavated and removed off-Site, selectively relocated to commercial development areas of the Site or isolated beneath an engineered cap prior to any residential development.
- Soluble lead test results indicate that any soil from the main body of the Site containing total lead greater than 50 mg/kg could potentially contain soluble lead above the STLC of 5 milligrams per liter (mg/L), which would classify the soil as a hazardous waste for off-Site landfill disposal purposes. Any soil that will be removed from the Site should be tested for total and soluble lead prior to off-Site disposal.
- Petroleum-related VOCs are present in groundwater beneath the southwestern portion of the Site, in close proximity to the location of a former on-Site UST. Although UST excavation and soil remediation activities were documented, the results suggest that some residual contamination may be present in groundwater beneath this portion of the Site. However, the reported concentrations of petroleum-related VOCs do not exceed their respective ESLs for vapor intrusion or the MCLs. It is our opinion that petroleum-related



VOCs in groundwater appear to be limited in extent and do not represent a significant concern for potential Site redevelopment.

- Chlorinated VOCs are present in groundwater beneath the southern portion of the Site, at boring B-13 and in well JA-4, located downgradient of boring B-13. PCE, TCE, and several breakdown products were reported at concentrations above their respective MCLs but did not exceed their respective ESLs for vapor intrusion. In our opinion, VOCs in groundwater are unlikely to represent a significant environmental concern, as shallow groundwater in this area is not expected to be used for drinking water. However, the source area and full extent of VOCs in groundwater beneath the Site have not been fully defined, and additional investigation may be warranted. Any construction dewatering performed at the Site will need to account for VOCs in groundwater.



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.

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.



6.0 REFERENCES

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TABLES



TABLE 1
Soil Sample Analytical Results - TPH, VOCs, SVOCs, Pesticides, and PCBs

Soil Sample ID	Sample Depth	ANALYTE																
		Total Petroleum Hydrocarbons			Volatile Organic Compounds								SVOCs	Organochlorine Pesticides				PCBs
		TPH as Gasoline	TPH as Diesel	TPH as Oil	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Other VOCs	SVOCs	4,4'-DDE	4,4'-DDD	4,4'-DDT	Other Pesticides	PCBs
		mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg
B-1-1.0	1.0	<0.089	<10	160	<8.9	<8.9	<8.9	<13.4	<8.9	<8.9	<8.9	ND	ND	<9.5	<9.4	<16	ND	ND
B-1-5.0	5.0	<0.081	<2	<4	<8.1	<8.1	<8.1	<12.2	<8.1	<8.1	<8.1	ND	ND	--	--	--	--	ND
B-2-1.0	1.0	<0.092	<4.8	120	<9.2	<9.2	<9.2	<13.8	<9.2	<9.2	<9.2	ND	ND	<20	<20	<20	ND	ND
B-2-5.0	5.0	<0.093	<4.8	160	<9.3	<9.3	<9.3	<14	<9.3	<9.3	<9.3	ND	ND	--	--	--	--	ND
B-2-9.0	9.0	--	--	<4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3-1.0	1.0	<0.084	<10	130	<8.4	<8.4	<8.4	<12.6	<8.4	<8.4	<8.4	ND	ND	<9.5	<9.4	<16	ND	ND
B-3-5.0	5.0	0.110 ¹	2 ²	6.8	<8.7	<8.7	<8.7	<13.1	<8.7	<8.7	<8.7	ND	ND	--	--	--	--	ND
B-4-1.0	1.0	<0.089	<2	12	<8.9	<8.9	<8.9	<13.4	<8.9	<8.9	<8.9	ND	ND	<2	<2	<2	ND	ND
B-4-5.0	5.0	<0.087	<2	<4	<8.7	<8.7	<8.7	<13.1	<8.7	<8.7	<8.7	ND	ND	--	--	--	--	ND
B-5-1.0	1.0	<0.086	<2	12	<8.6	<8.6	<8.6	<12.9	<8.6	<8.6	<8.6	ND	ND	<2	<2	<2	ND	ND
B-5-5.0	5.0	<0.076	2.4 ²	4.8	<7.6	<7.6	<7.6	<11.4	<7.6	<7.6	<7.6	ND	ND	--	--	--	--	ND
B-5-5.0D	5.0	<0.073	<2	<4	<7.3	<7.3	<7.3	<11.0	<7.3	<7.3	<7.3	ND	ND	--	--	--	--	ND
B-6-1.0	1.0	<0.094	<2	4	<9.4	<9.4	<9.4	<14.1	<9.4	<9.4	<9.4	ND	ND	<2	<2	<2	ND	ND
B-6-5.0	5.0	<0.079	<2	5.5	<7.9	<7.9	<7.9	<11.9	<7.9	<7.9	<7.9	ND	ND	--	--	--	--	ND
B-7-1.0	1.0	<0.100	<2	9.2	<10	<10	<10	<15.2	<10	<10	<10	ND	ND	<2	<2	<2	ND	ND
B-7-1.0D	1.0	<0.093	<2	8.9	<9.3	<9.3	<9.3	<14.0	<9.3	<9.3	<9.3	ND	--	--	--	--	--	--
B-7-5.0	5.0	<0.077	<2	5.2	<7.7	<7.7	<7.7	<11.6	<7.7	<7.7	<7.7	ND	ND	--	--	--	--	ND
B-8-1.0	1.0	<0.087	<2	13	<8.7	<8.7	<8.7	<13.1	<8.7	<8.7	<8.7	ND	ND	<2	<2	<2	ND	ND
B-8-5.0	5.0	<0.078	<19	550	<7.8	<7.8	<7.8	<11.7	<7.8	<7.8	<7.8	ND	ND	--	--	--	--	ND
B-8-8.0	8.0	--	--	<4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9-1.0	1.0	<0.110	<20	720	<11	<11	<11	<16.5	<11	<11	<11	ND	ND	<19	<19	<32	ND	ND
B-9-3.0	3.0	<0.085	<10	270	<8.5	<8.5	<8.5	<12.8	<8.5	<8.5	<8.5	ND	ND	--	--	--	--	ND
B-10-1.0	1.0	<0.087	<4	88	<8.7	<8.7	<87	<13.1	<8.7	<8.7	<8.7	ND	ND	<20	<20	<20	ND	ND
B-10-5.0	5.0	<0.080	<2	6.3	<8.1	<8.1	<8.1	<12.2	<8.1	<8.1	<8.1	ND	ND	--	--	--	--	ND
B-11-1.0	1.0	<0.082	<10	130	<8.2	<8.2	<8.2	<12.3	<8.2	<8.2	<8.2	ND	ND	<20	<20	<20	ND	ND
B-11-6.0	6.0	150 ¹	8.1 ²	5.2	<1,000	<1,000	1,500	5,470	<1,000	1,600	4,800	ND	ND	--	--	--	--	ND
B-11-10.0	10.0	<0.1	--	--	<10	<10	<10	<15	<10	<10	<10	ND	--	--	--	--	--	--
B-12-1.0	1.0	<0.091	<2	29	<9.1	<9.1	<9.1	<13.7	<9.1	<9.1	<9.1	ND	ND	<8	<8	<8	ND	ND
B-12-1.0D	1.0	<0.076	--	--	<7.6	<7.6	<7.6	<11.4	<7.6	<7.6	<7.6	ND	ND	--	--	--	--	--
B-12-5.0	5.0	<0.072	2.2 ²	<4	<7.2	<7.2	<7.2	<10.8	<7.2	<7.2	<7.2	ND	ND	--	--	--	--	ND
B-13-1.0	1.0	<0.081	<20	960	<8.1	<8.1	<8.1	<12.2	<8.1	<8.1	<8.1	ND	ND	<19	<19	<32	ND	ND
B-13-5.0	5.0	<0.076	<2	<4	<7.6	<7.6	<7.6	<11.4	<7.6	<7.6	<7.6	ND	ND	--	--	--	--	ND

TABLE 1
Soil Sample Analytical Results - TPH, VOCs, SVOCs, Pesticides, and PCBs

Soil Sample ID	Sample Depth	ANALYTE																
		Total Petroleum Hydrocarbons			Volatile Organic Compounds								SVOCs	Organochlorine Pesticides				PCBs
		TPH as Gasoline	TPH as Diesel	TPH as Oil	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Other VOCs	SVOCs	4,4'-DDE	4,4'-DDD	4,4'-DDT	Other Pesticides	PCBs
		mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg
B-14-1.0	1.0	<0.077	<10	280	<7.7	<7.7	<7.7	7.7	<7.7	<7.7	8.9	ND	ND	<19	<19	<32	ND	ND
B-14-5.0	5.0	<0.071	<2	14	<10	<10	<10	<15	<10	<10	<10	ND	ND	--	--	--	--	ND
B-15-1.0	1.0	<0.085	<10	150	<8.5	<8.5	<8.5	<12.8	<8.5	<8.5	<8.5	ND	ND	<20	<20	<20	ND	ND
B-15-5.0	5.0	<0.077	2.6 ²	6	<7.7	<7.7	<7.7	<11.6	<7.7	<7.7	<7.7	ND	ND	--	--	--	--	ND
B-16-1.0	1.0	<0.075	<4.8	270	<7.5	<7.5	<7.5	<11.3	<7.5	<7.5	<7.5	ND	ND	<9.5	<9.4	<16	ND	ND
B-16-5.0	5.0	<0.092	<2	<4	<9.2	<9.2	<9.2	<13.8	<9.2	<9.2	<9.2	ND	ND	--	--	--	--	ND
Regulatory Standards																		
RWQCB ESL - Tier 1		83	83	370	44	2,900	2,300	2,300	23	ne	ne	na	na	1,700	2,400	1,700	na	0.22
RWQCB ESL - Commercial/Industrial		83	83	2,500	44	2,900	3,300	2,300	23	ne	ne	na	na	4,000	10,000	4,000	na	0.74
RWQCB ESL - Construction Worker		4,200	4,200	12,000	12,000	650,000	210,000	420,000	2,800,000	ne	ne	na	na	87,000	120,000	87,000	na	6.7
TTLC		ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	na	na	1,000	1,000	1,000	na	ne

NOTES

- mg/kg: milligrams per kilogram (parts per million)
- µg/kg: micrograms per kilogram (parts per billion)
- TPH: Total Petroleum Hydrocarbons
- SVOC: Semi-Volatile Organic Compound
- <: Not detected at or above the indicated laboratory method reporting limit
- : Not tested
- ND: Not detected above the laboratory method reporting limit; limits vary by compound
- ne: Not established
- na: Not applicable
- ESL: Tier 1 - Environmental Screening Level for shallow soil = <10 feet deep in residential land use (RWQCB, 2008 Table A-1)
Commercial/Industrial - soil screening level for shallow 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)
- TTLC: Total Threshold Limit Concentration for defining a waste as a hazardous waste
- (1) = Does not match pattern of reference Gasoline standard.
- (2) = Not typical of Diesel standard pattern (unknown hydrocarbons present)

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-1-1.0	1.0	<5	2.3	72	<2	<1	22	<5	12	55	<0.1	<5	9.9	<5	<1	<5	23	23
B-1-5.0	5.0	<5	2	27	<2	<1	26	6.1	<5	2.0	<0.1	<5	19	<5	<1	<5	20	11
B-2-1.0	1.0	<5	5.3	100	<2	<1	31	6.9	44	120	0.31	<5	26	<5	<1	<5	30	120
B-2-5.0	5.0	<5	6.6	190	<2	<1	21	12	40	130	0.24	<5	21	<5	<1	<5	37	130
B-2-9.0	9.0	--	--	--	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--
B-3-1.0	1.0	<5	4.2	140	<2	<1	36	8.0	29	100	0.19	<5	24	<5	<1	<5	30	99
B-3-5.0	5.0	<5	<1.7	69	<2	<1	23	<5	<5	3.0	<0.1	<5	14	<5	<1	<5	18	16
B-4-1.0	1.0	<5	2.4	67	<2	<1	31	<5	6.5	34	<0.1	<5	19	<5	<1	<5	23	35
B-4-5.0	5.0	<5	1.9	65	<2	<1	25	<5	5.6	12	<0.1	<5	12	<5	<1	<5	20	19
B-5-1.0	1.0	<5	<1.7	37	<2	<1	23	6	<5	2.1	<0.1	<5	14	<5	<1	<5	17	12
B-5-5.0	5.0	<5	1.8	28	<2	<1	45	5.4	5.5	3	<0.1	<5	31	<5	<1	<5	30	19
B-5-5.0D	5.0	<5	2.5	43	<2	<1	30	6.2	<5	2.4	<0.1	<5	29	<5	<1	<5	22	16
B-6-1.0	1.0	<5	<1.7	42	<2	<1	21	<5	<5	2.7	<0.1	<5	13	<5	<1	<5	15	14
B-6-5.0	5.0	<5	<1.7	50	<2	<1	22	<5	<5	1.9	<0.1	<5	9.2	<5	<1	<5	18	9.0
B-7-1.0	1.0	<5	<1.7	53	<2	<1	29	<5	6.8	50	0.12	<5	14	<5	<1	<5	21	130
B-7-1.0D	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-7-5.0	5.0	<5	<1.7	58	<2	<1	25	<5	<5	4.2	<0.1	<5	12	<5	<1	<5	16	13
B-8-1.0	1.0	<5	2.9	76	<2	<1	29	6.3	55	98	0.17	<5	19	<5	<1	<5	24	130
B-8-5.0	5.0	<5	1.8	89	<2	<1	26	<5	6.1	13	<0.1	<5	16	<5	<1	<5	19	22
B-8-8.0	8.0	--	--	--	--	--	--	--	--	3.8	--	--	--	--	--	--	--	--
B-9-1.0	1.0	<5	4	86	<2	<1	22	6.1	22	87	0.23	<5	20	<5	<1	<5	22	73
B-9-3.0	3.0	<5	3.8	78	<2	<1	38	17	19	44	0.25	<5	24	<5	<1	<5	41	41
B-10-1.0	1.0	<5	1.7	42	<2	<1	23	<5	<5	3.5	<0.1	<5	14	<5	<1	<5	17	13
B-10-5.0	5.0	<5	2.1	47	<2	<1	37	6.7	5.9	3.1	<0.1	<5	31	<5	<1	<5	29	20
B-11-1.0	1.0	<5	16	430	<2	1.1	8.5	9.2	58	18	0.38	<5	16	<5	<1	<5	39	77
B-11-6.0	6.0	<5	4.8	42	<2	<1	30	5.3	5.7	4.3	<0.1	<5	31	<5	<1	<5	29	17
B-12-1.0	1.0	<5	1.7	42	<2	<1	24	<5	<5	2	<0.1	<5	15	<5	<1	<5	17	12
B-12-1.0D	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12-5.0	5.0	<5	2.5	46	<2	<1	44	11	6.1	3.2	<0.1	<5	33	<5	<1	<5	29	20
B-13-1.0	1.0	<5	4.3	94	<2	<1	30	7	19	53	<0.1	<5	33	<5	<1	<5	29	58
B-13-5.0	5.0	<5	2.5	55	<2	<1	49	6.2	6.7	3.5	<0.1	<5	37	<5	<1	<5	37	21

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-14-1.0	1.0	<5	2.7	77	<2	<1	28	5.7	13	46	<0.1	<5	26	<5	<1	<5	22	47
B-14-5.0	5.0	<5	3.4	75	<2	<1	36	6.6	11	7.2	<0.1	<5	30	<5	<1	<5	31	25
B-15-1.0	1.0	<5	3.9	82	<2	<1	25	6.4	18	53	0.1	<5	24	<5	<1	<5	24	56
B-15-5.0	5.0	<5	2.2	31	<2	<1	34	<5	<5	2.4	<0.1	<5	19	<5	<1	<5	23	13
B-16-1.0	1.0	<5	2.5	58	<2	<1	24	5.1	12	41	<0.1	<5	19	<5	<1	<5	21	45
B-16-5.0	5.0	<5	2	50	<2	<1	38	6.9	5.6	3.2	<0.1	<5	29	<5	<1	<5	27	18
Regulatory Standards																		
RWQCB ESL - Tier 1		6.3	0.39	750	4.0	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	8.0	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
TTLC		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
--: Not tested
TTLC: Total Threshold Limit Concentration for defining a waste as a hazardous waste

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 land use established by California EPA (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)

TABLE 3
Soil Sample Analytical Results - Soluble Lead

Location	Sample ID	Total Lead	Soluble Lead	
			WET	TCLP
		mg/kg	mg/L	mg/L
Elevated Roadway	B-2-5.0	130	4.6	< 0.1
	B-3-1.0	100	4.1	--
Site-wide	B-7-1.0	50	5.7	--
	B-8-1.0	98	11	--
TTLC		1,000		
STLC		5		

NOTES

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

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

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

--: Not analyzed

TTLC/STLC: Total and Soluble Threshold Limit Concentration for defining a waste as a hazardous waste

WET: California Waste Extraction Test for defining waste as a California hazardous waste

TCLP: Toxicity Characteristic Leaching Procedure for defining waste as federal hazardous waste

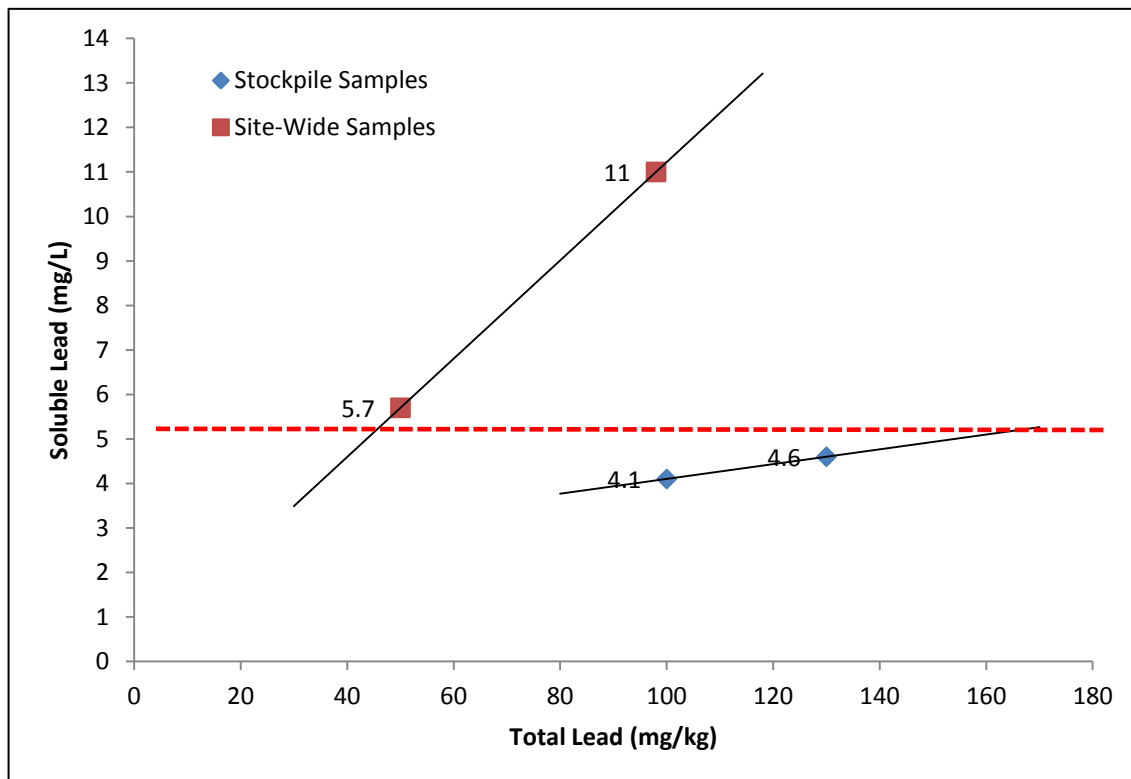


TABLE 4
Grab Groundwater Sample Analytical Results - TPH and VOCs

Analyte	Units	Sample ID										Regulatory Standards	
		B-1-GW	B-4-GW	B-5-GW	B-8-GW	B-9-GW	B-11-GW	B-12-GW	B-12-GWD	B-13-GW	B-16-GW	RWQCB ESL	MCL
												Vapor Intrusion	
TPH as Gasoline	µg/L	<50	<50	<50	<26	<50	1,300 ¹	<50	<50	51 J	<50	ne	100/5,000 ^a
TPH as Diesel	µg/L	<100	<100	<100	<100	<100	350 ²	<100	<100	<100	<100	10,000 ^a	100/2,500 ^a
TPH as Oil	µg/L	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	10,000 ^a	100/2,500 ^a
Volatile Organic Compounds													
Benzene	µg/L	<0.5	<0.5	<0.5	<0.41	<0.5	<0.5	<0.5	<0.5	<0.60	<0.5	1,800	1
Toluene	µg/L	<0.5	<0.5	<0.5	<0.23	<0.5	<0.5	<0.50	<0.5	<0.60	<0.5	530,000	150
Ethylbenzene	µg/L	<0.5	<0.5	<0.5	<0.19	<0.5	45	<0.50	<0.5	<0.60	<0.5	170,000	300
Xylenes	µg/L	<1.5	<1.5	<1.50	<0.4	<1.5	127	<1.5	<1.5	<1.80	<1.5	160,000	1,750
MTBE	µg/L	<0.5	<0.5	<0.5	<0.46	0.69	<0.5	<0.50	<0.5	<0.60	<0.5	80,000	13
Isopropyl Benzene	µg/L	<0.5	<0.5	<0.5	<0.34	<0.5	6.1	<0.50	<0.5	<0.60	<0.5	ne	680 ^b
n-Propylbenzene	µg/L	<0.5	<0.5	<0.5	<0.36	<0.5	21	<0.50	<0.5	<0.60	<0.5	ne	1,300 ^b
1,3,5-Trimethylbenzene	µg/L	<0.5	<0.5	<0.5	<0.24	<0.5	26	<0.50	<0.5	<0.60	<0.5	ne	370 ^b
1,2,4-Trimethylbenzene	µg/L	<0.5	<0.5	<0.5	<0.4	<0.5	52	<0.50	<0.5	<0.60	<0.5	ne	15 ^b
n-Butylbenzene	µg/L	<0.5	<0.5	<0.5	<0.39	<0.5	4.6	<0.50	<0.5	<0.60	<0.5	ne	ne
Naphthalene	µg/L	<1	<1	<1	<0.7	<1	12	<1	<1	<1.2	<1	11,000	0.14 ^b
PCE	µg/L	<0.5	<0.5	<0.5	<0.18	<0.5	<0.5	<0.5	<0.5	48	<0.5	420	5
TCE	µg/L	<0.5	<0.5	<0.5	<0.46	<0.5	<0.5	<0.5	<0.5	49	<0.5	1,800	5
Vinyl Chloride	µg/L	<0.5	<0.5	<0.5	<0.45	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	13	0.5
cis-1,2-DCE	µg/L	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.5	<0.5	9.6	<0.5	17,000	6
trans-1,2-DCE	µg/L	<0.5	<0.5	<0.5	<0.38	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	19,000	10
Chloroform	µg/L	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	0.61	<0.5	1,100	0.19 ^b
Chloromethane	µg/L	<0.5	0.88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	140	190 ^b
Methylene Chloride	µg/L	<5	<5	<5	0.36 J	<5	<5	<5	<5	<6	<5	8,100	5
Other VOCs	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	na	na

NOTES

mg/l: Micrograms per liter (parts per billion)
TPH: Total Petroleum Hydrocarbons
<: 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
J = Indicates an estimated value

(1) Does not match pattern of reference Gasoline standard.
(2) Not typical of Diesel standard pattern (possibly fuel lighter than diesel).
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)
b: MCL not established, value provided is the Regional Screening Level for tapwater, established by the U.S. EPA

TABLE 5
Grab Groundwater Sample Analytical Results - Metals

Analyte	Units	Sample ID									Regulatory Standards
		B-1-GW	B-4-GW	B-5-GW	B-8-GW	B-9-GW	B-11-GW	B-12-GW	B-13-GW	B-16-GW	MCL
Dissolved Metals											
Antimony	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	0.006
Arsenic	mg/L	<0.009	<0.009	<0.009	<0.009	0.020	<0.009	<0.009	<0.009	0.010	0.010
Barium	mg/L	0.035	0.044	0.030	0.091	0.19	0.047	0.022	0.091	0.12	1
Beryllium	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.004
Cadmium	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Chromium	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.05
Cobalt	mg/L	<0.005	<0.005	0.023	0.0052	<0.005	0.0060	0.012	0.0095	0.0057	0.011 ^a
Copper	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	1.3
Lead	mg/L	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	0.015
Mercury	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.002
Molybdenum	mg/L	0.027	<0.009	0.023	0.015	0.016	0.030	0.040	0.043	0.022	0.18 ^a
Nickel	mg/L	0.012	<0.009	0.033	<0.009	<0.009	<0.009	0.019	0.020	0.059	0.1
Selenium	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.05
Silver	mg/L	<0.005	<0.005	0.0054	<0.005	<0.005	<0.005	<0.005	0.0056	<0.005	0.18 ^a
Thallium	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	0.002
Vanadium	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	0.18 ^a
Zinc	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	ne

NOTES
mg/L: Milligrams per liter (parts per million)
<: Not detected at or above the indicated laboratory method reporting limit
ne: Not established
--: Not tested
MCL: Maximum contaminant level for drinking water, California Department of Public Health (October 2008)
a: MCL not established, value provided is the Regional Screening Level for tapwater, established by the U.S. EPA

TABLE 6
Groundwater Monitoring Well Sample Analytical Results - TPH and VOCs

Analyte	Units	Sample ID				Regulatory Standards	
		JA-2	JA-3	JA-4	JA-4D	RWQCB ESL	MCL
						Vapor Intrusion	
TPH as Gasoline	µg/L	<50	<50	180 ¹	190 ¹	ne	100/5,000 ^a
TPH as Diesel	µg/L	<100	<100	<100	<100	ne	100/2,500 ^a
TPH as Oil	µg/L	<200	<200	<200	<200	ne	100/2,500 ^a
Volatile Organic Compounds							
Benzene	µg/L	<0.50	<0.50	0.53	<0.50	1,800	1
Toluene	µg/L	<0.50	<0.50	<0.50	<0.50	530,000	150
Ethylbenzene	µg/L	<1.50	<1.50	<0.50	<1.50	170,000	300
Xylenes	µg/L	<0.50	<0.50	<1.50	<0.50	160,000	1,750
MTBE	µg/L	<0.50	<0.50	<0.50	<0.50	80,000	13
PCE	µg/L	<0.50	<0.50	36	34	420	5
TCE	µg/L	<0.50	<0.50	140	150	1,800	5
1,1-DCE	µg/L	<0.50	<0.50	5.2	5.2	18,000	6
cis-1,2-DCE	µg/L	<0.50	<0.50	160	170	17,000	6
trans-1,2-DCE	µg/L	<0.50	<0.50	2.6	2.7	19,000	10
1,1-DCA	µg/L	<0.50	<0.50	46	45	3,400	5
Vinyl Chloride	µg/L	<0.50	<0.50	2.5	2.5	13	0.5
Chloroform	µg/L	<0.50	<0.50	0.53	<0.50	1,100	0.19 ^b
1,1,2-TCA	µg/L	<0.50	<0.50	0.91	0.85	1,200	5
Other VOCs	µg/L	ND	ND	ND	ND	na	na

NOTES

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

TPH: Total Petroleum Hydrocarbons

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

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

na: Not applicable

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

(1) Not typical of Gasoline standard pattern.

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)

b: MCL not established, value provided is the Regional Screening Level for tapwater, established by the U.S. EPA

TABLE 7
Groundwater Monitoring Well Sample Analytical Results - Metals

Analyte	Units	Sample ID				Regulatory Standards
		JA-2	JA-3	JA-4	JA-4D	MCL
Dissolved Metals						
Antimony	mg/L	<0.009	<0.009	<0.009	<0.009	0.006
Arsenic	mg/L	<0.009	<0.009	<0.009	<0.009	0.010
Barium	mg/L	0.13	0.074	0.17	0.16	1
Beryllium	mg/L	<0.005	<0.005	<0.005	<0.005	0.004
Cadmium	mg/L	<0.005	<0.005	<0.005	<0.005	0.005
Chromium	mg/L	<0.005	<0.005	0.0070	0.0067	0.05
Cobalt	mg/L	<0.005	<0.005	0.0080	0.0079	0.011 ^a
Copper	mg/L	<0.009	<0.009	<0.009	<0.009	1.3
Lead	mg/L	<0.014	<0.014	<0.014	<0.014	0.015
Mercury	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	0.002
Molybdenum	mg/L	<0.009	<0.009	<0.009	<0.009	0.18 ^a
Nickel	mg/L	<0.009	0.036	0.30	0.29	0.1
Selenium	mg/L	<0.02	<0.02	<0.02	<0.02	0.05
Silver	mg/L	<0.005	<0.005	<0.005	<0.005	0.18 ^a
Thallium	mg/L	<0.009	<0.009	<0.009	<0.009	0.002
Vanadium	mg/L	<0.009	<0.009	<0.009	<0.009	0.18 ^a
Zinc	mg/L	<0.009	<0.009	<0.009	<0.009	ne

NOTES

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

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

ne: Not established

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

a: MCL not established, value provided is the Regional Screening Level for tapwater, established by the U.S. EPA

TABLE 8
Quality Control Sample Assessment - Soil

Analyte	B-5-5.0 (mg/kg)	B-5-5.0D (mg/kg)	RPD	B-7-1.0 (mg/kg)	B-7-1.0D (mg/kg)	RPD	B-12-1.0 (mg/kg)	B-12-1.0D (mg/kg)	RPD
TPH-gasoline	< 0.076	< 0.073	NA	< 0.1	< 0.093	NA	< 0.091	< 0.076	NA
TPH-diesel	2.4	< 2	18.2%	< 2	< 2	NA	--	--	NA
TPH-oil	4.8	< 4	18.2%	9.2	8.9	3.3%	--	--	NA
VOCs	ND	ND	NA	ND	ND	NA	ND	ND	NA
SVOCs	ND	ND	NA	--	--	NA	ND	ND	NA
PCBs	ND	ND	NA	--	--	NA	--	--	NA
Arsenic	1.8	2.5	32.6%	--	--	NA	--	--	NA
Barium	28	43	42.3%	--	--	NA	--	--	NA
Chromium	45	30	40.0%	--	--	NA	--	--	NA
Cobalt	5.4	6.2	13.8%	--	--	NA	--	--	NA
Copper	5.5	< 5	9.5%	--	--	NA	--	--	NA
Lead	3	2.4	22.2%	--	--	NA	--	--	NA
Nickel	31	29	6.7%	--	--	NA	--	--	NA
Vanadium	30	22	30.8%	--	--	NA	--	--	NA
Zinc	19	16	17.1%	--	--	NA	--	--	NA
Other Metals	ND	ND	NA	--	--	NA	--	--	NA

NOTES:

RPD: Relative Percent Difference

mg/kg: milligrams per kilogram

NA: not applicable

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

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

--: Sample pairs not analyzed

TABLE 9
Quality Control Sample Assessment - Groundwater

Analyte	B-12-GW (µg/L)	B-12-GWD (µg/L)	RPD	JA-4 (µg/L)	JA-4D (µg/L)	RPD
TPH-gasoline	< 50	< 50	NA	180	190	5.4%
TPH-diesel	< 100	< 100	NA	< 100	< 100	NA
TPH-oil	< 200	< 200	NA	< 200	< 200	NA
Benzene	< 0.5	< 0.5	NA	0.53	< 0.5	5.8%
PCE	< 0.5	< 0.5	NA	36	34	5.7%
TCE	< 0.5	< 0.5	NA	140	150	6.9%
1,1-DCE	< 0.5	< 0.5	NA	5.2	5.2	0.0%
cis-1,2-DCE	< 0.5	< 0.5	NA	160	170	6.1%
trans-1,2-DCE	< 0.5	< 0.5	NA	2.6	2.7	3.8%
1,1-DCA	< 0.5	< 0.5	NA	46	45	2.2%
Vinyl Chloride	< 0.5	< 0.5	NA	2.5	2.5	0.0%
Chloroform	< 0.5	< 0.5	NA	0.53	< 0.5	5.8%
1,1,2-TCA	< 0.5	< 0.5	NA	0.91	0.85	6.8%
Other VOCs	ND	ND	NA	ND	ND	NA
Barium	--	--	NA	0.17	0.16	6.1%
Chromium	--	--	NA	0.007	0.0067	4.4%
Cobalt	--	--	NA	0.008	0.0079	1.3%
Nickel	--	--	NA	0.3	0.29	3.4%
Other Metals	ND	ND	NA	ND	ND	NA

NOTES:

RPD: Relative Percent Difference

µg/L: micrograms per liter

NA: not applicable

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

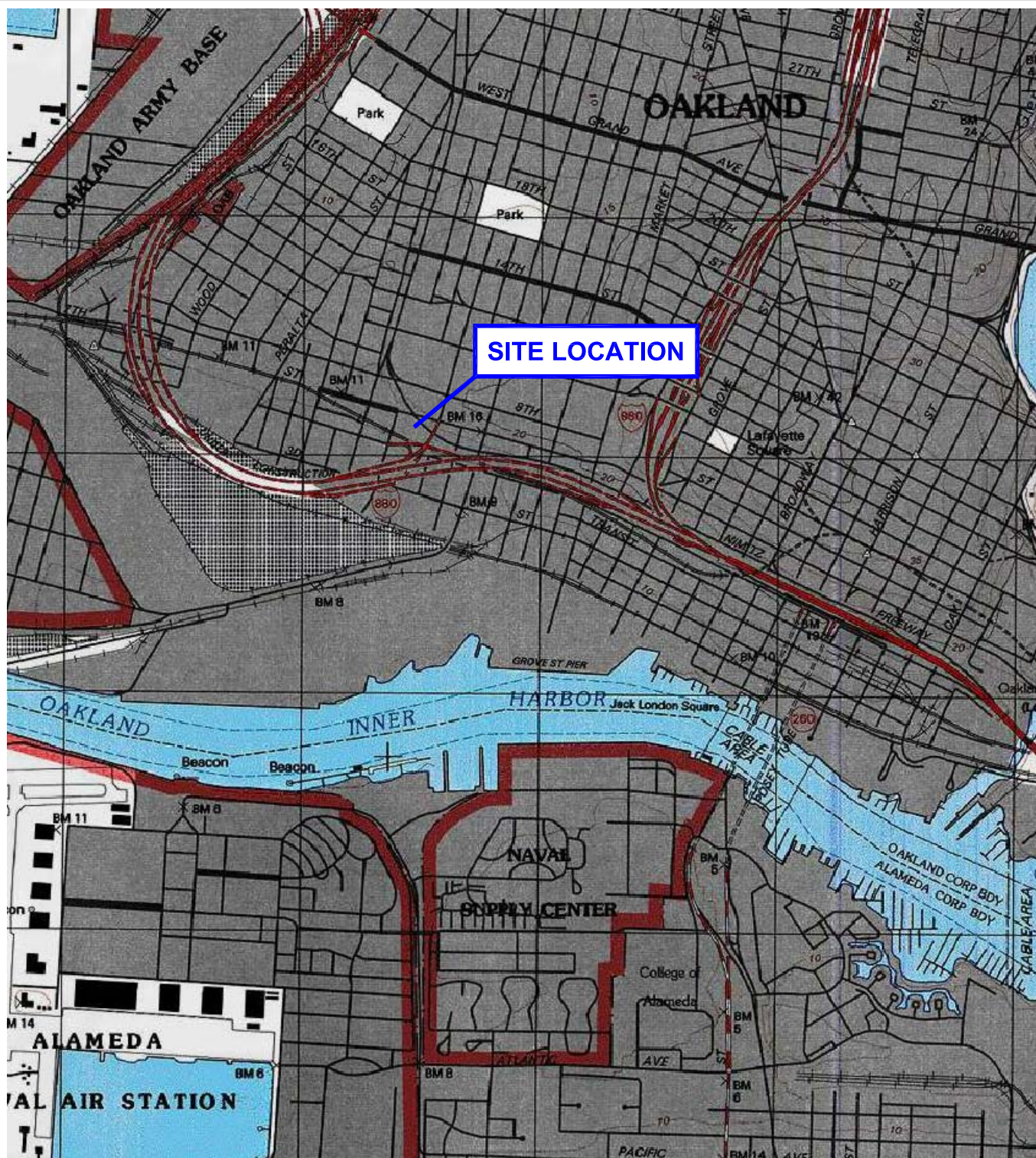
<: Not detected at or above the indicated laboratory method reporting limit

--: Sample pairs not analyzed

FIGURES



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Scale 1:24,000

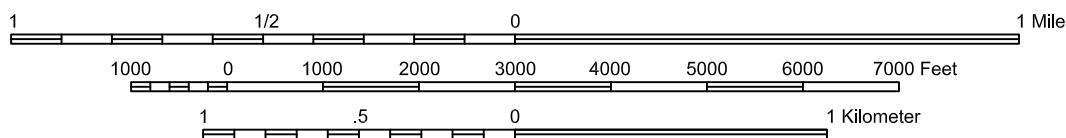


FIGURE 1
Site Location Map

Phase II Environmental Site Assessment
500 Kirkham Street
Oakland, California

Source: National Geographic USGS TOPO! 2000



Project No. 1204.22



LEGEND:

-  Soil and groundwater sample location
-  Soil sample location
-  Existing monitoring well

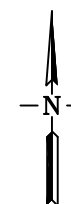
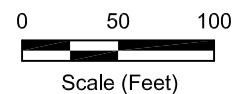


FIGURE 2
Site Plan

Phase II Environmental Site Assessment
500 Kirkham Street
Oakland, California



Project No. 1204.22

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: 08/04/2011 By jamesy

Permit Numbers: W2011-0515
Permits Valid from 08/10/2011 to 08/11/2011

Application Id: 1312327539477
Site Location: 500 Kirkham St, Oakland, CA
Project Start Date: 08/10/2011
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site:Oakland
Completion Date:08/11/2011

Applicant: Northgate Env't. Mgmt. Inc. - Anya Starovoytov
300 F H Ogawa Plaza, Ste 510, Oakland, CA 94612
Property Owner: State of CA, Dept. of Transportation
111 Grand Ave, PO Box 23440, Oakland, CA 94623
Client: City of Oakland, Gopakumar Nair
250 F. H Ogawa Plaza, Ste 5301, Oakland, CA 94612

Phone: 510-839-0688 x227

Phone: 510-286-5322

Phone: 510-238-6361

Receipt Number: WR2011-0240 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 - 16 Boreholes

Driller: Penecore - Lic #: 906899 - Method: other

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0515	08/04/2011	11/08/2011	16	2.25 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. 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 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 8.50 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-1-1.0	70	AS		ASPHALT (4")	0.1
2			SW		WELL GRADED SAND WITH GRAVEL (SW); dark yellow-brown (10YR 3/4), ~20% fine to medium gravels, ~5% clay, ~75% fine sand, damp to moist, loose, no odor	
3			SW		WELL GRADED SAND (SW); dark yellow-brown (10YR 4/4), trace gravels and clay, damp to moist, loose, no odor	
4	B-1-5.0	90	SC		Same as above, clay content increases to ~10%	0.0
5					CLAYEY SAND (SC); dark yellow-brown (10YR 4/4), ~40% clay, ~60% fine sand, moist, medium dense, no odor	
6					Same as above, moisture content increases (moist to wet)	
7	B-1-7.0					0.0
8						
9						
10					Bottom of borehole at 10.0 feet bgs.	



PROJECT NAME <u>500 Kirkham</u>		BORING LOCATION _____	
PROJECT NUMBER <u>1204.22</u>		PROJECT LOCATION <u>Oakland, CA</u>	
DATE STARTED <u>8/10/11</u>	COMPLETED <u>8/10/11</u>	Ground ELEVATION _____	HOLE SIZE <u>2.25</u>
DRILLING CONTRACTOR <u>PeneCore</u>		GROUNDWATER LEVELS:	AT TIME OF DRILLING <u>---</u>
DRILLING METHOD <u>Geoprobe</u>		AFTER DRILLING <u>---</u>	AT END OF DRILLING <u>---</u>
LOGGED BY <u>A. Starovoytov</u>	CHECKED BY <u>D. Laduzinsky</u>	SURFACE CONDITIONS: <u>Asphalt</u>	
NOTES: _____			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)		
1	B-10-1.0	50	AS		Asphalt (4")	0.1		
2			SW		WELL GRADED SAND (SW); dark yellow-brown (10YR 3/4), moist, loose, no odor			
3			SC		Same as above, color changes to yellow-brown (10YR 5/4), clay content increases with depth (~10%)			
4	CLAYEY SAND (SC); dark yellow-brown (10YR 4/6), ~60% fine sand, ~40% clay, moist to wet, occasional saturated pores, dense, no odor							
5								
6	B-10-5.0	97				0.0		
7								
8			Same as above, moisture content increases (wet)					
9			Sand fraction increases to ~70%, clay ~30%					
10	B-10-9.0						0.0	
Bottom of borehole at 10.0 feet bgs.								

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 6.90 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-11-1.0	70	AS		Asphalt (4")	
			SW		WELL GRADED SAND WITH GRAVEL (SW); dark brown (10YR 3/3), ~70% fine sand, ~30% fine to coarse gravel (angular), damp, loose, no odor	0.1
2			CL		SANDY CLAY WITH GRAVEL (CL); dark brown (10YR 3/3), ~60% clay (low plasticity), ~15% fine sand, ~25% fine to medium angular gravels, damp no odor	
3						
4						
5						0.0
6	B-11-6.0	100	SW		WELL GRADED SAND (SW); olive (5Y 4/4), trace clay, moist, loose, strong hydrocarbon odor between 6' and 8.5' bgs	308
7						275
8					Same as above, moisture content increases (wet)	28.6
9					Same as above, occasional mottling with gray	
10					Same as above, color changes to dark yellow-brown (10YR 4/4) with large patches of gray (2.5Y 6/1), moist	4.9
11	B-11-10.0	100	SW			3.3
12					Same as above, moisture increases (saturated)	
13						7.3
14		100				
15						
Bottom of borehole at 15.0 feet bgs.						

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 6.80 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-12-1.0	90	AS		Asphalt (4")	0.1
			SW		WELL GRADED SAND WITH GRAVEL (SW); dark brown (10YR 3/3), ~80% fine sand, ~20% fine to medium gravel, trace clay, damp, loose, no odor	
2			SW		WELL GRADED SAND (SW); dark yellow brown (10YR 4/6), trace clay, moist to wet, medium dense, no odor	
3	B-12-5.0	100	SW		Same as above, clay fraction increases to 15-20% CLAYEY SAND (SC); dark yellow-brown (10YR 4/6), ~60% fine sand, ~40% clay, wet, medium dense, no odor	0.0
4			SC			
5			SC			
6	B-12-10.0	100	SW-SC		Same as above, moisture increases with depth WELL GRADED SAND WITH CLAY (SW-SC); dark yellow brown (10YR 4/6), ~80-85% fine sand, ~15-20% clay, occasional mottling, saturated, medium dense	0.0
7			SW-SC			
8			SW-SC			
9		100	SW-SC		Bottom of borehole at 12.0 feet bgs.	0.0
10			SW-SC			
11			SW-SC			
12						



northgate
environmental management, inc.

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

BORING NUMBER B-13

PAGE 1 OF 1

PROJECT NAME 500 Kirkham	BORING LOCATION
PROJECT NUMBER 1204.22	PROJECT LOCATION Oakland, CA
DATE STARTED 8/10/11 COMPLETED 8/10/11	Ground ELEVATION HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore	GROUNDWATER LEVELS: AT TIME OF DRILLING ---
DRILLING METHOD Geoprobe	AFTER DRILLING --- AT END OF DRILLING 3.60 ft
LOGGED BY A. Starovoytov CHECKED BY D. Laduzinsky	SURFACE CONDITIONS: Asphalt
NOTES:	

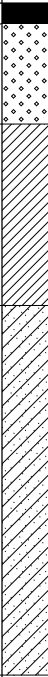
GENERAL NORTHGATE ENVIRONMENTAL - OS 1204.22 BORING LOGS.GPJ 9/13/11

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-13-1.0	30	AS		Asphalt (4")	7.3
			SW		WELL GRADED SAND WITH GRAVEL (SW); very dark gray (10YR 3/1), ~80% fine sand, ~20% fine to medium gravel, damp, medium dense, no odor	
2						
3					CLAYEY SAND (SC); yellowish brown (10YR 5/6), ~60% fine sand, ~40-45% clay, damp, dense, no odor	
4						
5	B-13-5.0	100				6.8
6					Same as above, moisture content increases (wet)	
7						
8	B-13-8.0	96	SC		Same as above, clay content decreases (~20%)	7.0
9					Same as above, clay content decreases (~15%), saturated	
10						6.8
11						
12						6.4
13		100			Same as above, color changes to light yellow brown (2.5Y 6/3), zones of gray mottling	
14						
15						6.0
Bottom of borehole at 15.0 feet bgs.						

PROJECT NAME <u>500 Kirkham</u>		BORING LOCATION _____	
PROJECT NUMBER <u>1204.22</u>		PROJECT LOCATION <u>Oakland, CA</u>	
DATE STARTED <u>8/10/11</u>	COMPLETED <u>8/10/11</u>	Ground ELEVATION _____	HOLE SIZE <u>2.25</u>
DRILLING CONTRACTOR <u>PeneCore</u>		GROUNDWATER LEVELS:	AT TIME OF DRILLING <u>---</u>
DRILLING METHOD <u>Geoprobe</u>		AFTER DRILLING <u>---</u>	AT END OF DRILLING <u>---</u>
LOGGED BY <u>A. Starovoytov</u>	CHECKED BY <u>D. Laduzinsky</u>	SURFACE CONDITIONS: <u>Asphalt</u>	
NOTES: _____			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-14-1.0	90	AS		Asphalt (4")	1.2
2			SC		CLAYEY SAND (SC); dark yellow-brown (10YR 3/4), ~20% clay, ~10-15% fine to medium angular gravels, ~65% fine sand, moist, loose, no odor	
3			CL		SANDY CLAY WITH GRAVEL (CL); dark yellow brown (10YR 4/4), ~20% fine to medium gravel (angular), ~20% fine sand, ~60% clay, damp, medium stiffness, no odor	
4	B-14-5.0	100	SW-SC		WELL GRADED SAND WITH CLAY (SW-SC); dark yellow-brown (10YR 4/6), ~85% fine sand, ~15% clay, moist to wet, loose, no odor	0.7
5						
6						
7	B-14-7.0					0.5
8						
9						
10					Bottom of borehole at 10.0 feet bgs.	

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	AT TIME OF DRILLING ---
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT END OF DRILLING ---
LOGGED BY A. Starovoytov	CHECKED BY D. Laduzinsky	SURFACE CONDITIONS: Asphalt	
NOTES:			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)		
1	B-15-1.0	90	AS		Asphalt (4")	0.7		
			SW		WELL GRADED SAND (SW); dark brown (10YR 3/3), ~90% fine sand, ~5-10% fine to medium gravels, trace clay, damp, medium dense, no odor			
2			B-15-5.0		CL	SANDY CLAY WITH GRAVEL (CL); dark yellow-brown (10YR 4/4), ~20% fine to coarse gravels (angular), ~15% fine sand, ~65% clay, damp, medium stiffness, no odor	0.5	
3								
4								
5	B-15-5.0	100	SC		CLAYEY SAND (SC); dark yellow brown (10YR 4/4), ~60% fine sand, ~40% clay, moist, medium dense, no odor	0.0		
6			B-15-9.0				Same as above, clay content decreases (~20%), moisture increases (wet)	
7								
8								
9	B-15-9.0							
10								
					Bottom of borehole at 10.0 feet bgs.			



PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/11/11	COMPLETED 8/11/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 5.40 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

GENERAL NORTHGATE ENVIRONMENTAL - OS 1204.22 BORING LOGS.GPJ 9/13/11

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-16-1.0	80	SW		WELL GRADED SAND (SW); dark yellow-brown (10YR 3/4), very fine, trace gravels (fine to medium angular), damp, loose, no odor	0.0
2						
3						
4	B-16-5.0	100	SC		Same as above, moisture content increases (moist) Same as above, moisture content increases (wet), trace wood fragments, clay fraction increases to ~10%	0.0
5					CLAYEY SAND (SC); yellow-brown (10YR 5/6), ~80% fine sand, ~20% clay, moist to wet, medium dense, no odor	
6						
7	B-16-10.0	100	SW-SC		Same as above, moisture content increases to ~40%	0.0
8						
9					Same as above, occasional gray mottles, moisture content decreases with depth (moist) Same as above, moisture increases (wet), clay content decreases (20%)	0.0
10						
11		100			WELL GRADED SAND WITH CLAY (SW-SC); dark yellow brown (10YR 4/4), ~85-90% fine sand, ~10-15% clay, wet, no odor Same as above, moisture increases with depth (wet to saturated)	
12						0.0
13						
14		100				0.0
15						
Bottom of borehole at 15.0 feet bgs.						

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/11/11	COMPLETED 8/11/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	AT TIME OF DRILLING ---
DRILLING METHOD 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	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-2-1.0	70	AS		Asphalt (4")	
2			WELL GRADED SAND WITH GRAVEL (SW); dark olive brown (2.5Y 3/3), ~80% fine sand, ~20% fine to medium angular gravels, damp, loose, no odor		0.0	
3			Concrete fragments			
4			3" zone with charred wood fragments and discolored soil, no odor		0.0	
5	B-2-5.0	90	SW		WELL GRADED SAND (SW); dark brown (10YR 3/3), damp, loose, no odor	0.0
6					Charred wood fragments @6' bgs	
7						
8			Same as above, moisture content increases (moist)			
9	B-2-9.0					0.0
10						
Bottom of borehole at 10.0 feet bgs.						

PROJECT NAME <u>500 Kirkham</u>		BORING LOCATION _____	
PROJECT NUMBER <u>1204.22</u>		PROJECT LOCATION <u>Oakland, CA</u>	
DATE STARTED <u>8/10/11</u>	COMPLETED <u>8/10/11</u>	Ground ELEVATION _____	HOLE SIZE <u>2.25</u>
DRILLING CONTRACTOR <u>PeneCore</u>		GROUNDWATER LEVELS:	AT TIME OF DRILLING <u>---</u>
DRILLING METHOD <u>Geoprobe</u>		AFTER DRILLING <u>---</u>	AT END OF DRILLING <u>---</u>
LOGGED BY <u>A. Starovoytov</u>	CHECKED BY <u>D. Laduzinsky</u>	SURFACE CONDITIONS: <u>Bare soil</u>	
NOTES: _____			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
1	B-3-1.0	50	SW		WELL GRADED SAND (SW); dark olive-brown (2.5Y 3/3), ~10% fine to medium gravel, rootlets present, damp, loose, no odor	0.0	
					3" zone of coarse gravel (concrete fragments)		
2					2" zone of increased clay (~10%)		
3					Same as above, color change to very dark brown (10YR 2/2)		
4	B-3-5.0	90					0.0
5							
6							
7							
8	B-3-9.0					Same as above, color changes to dark yellow brown (10YR 4/4), damp to moist	0.0
9					Same as above, clay content increases (~10%)		
10							
Bottom of borehole at 10.0 feet bgs.							

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/11/11	COMPLETED 8/11/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 8.50 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

GENERAL NORTHGATE ENVIRONMENTAL - OS 1204.22 BORING LOGS.GPJ 9/13/11

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-4-1.0	70	AS		Asphalt (4")	
2			WELL GRADED SAND (SW); brown (10YR 4/3), ~5% fine to medium angular gravels, damp, loose, no odor		6.3	
3			Same as above, large pieces of charred wood debris (slight chemical odor) and coarse gravels (6" layer) and red brick fragments moisture content increases to moist		5.6	
4						
5						
6	B-4-5.0	70	SW		Same as above, color changes to very dark gray-brown (10YR 3/2), moist, loose, fine grained sand, no odor	4.5
7			Same as above, moisture content increases (saturated), color changes to brown (10YR 4/3), no odor			
8					4.8	
9						
10						
11	B-4-10.0				Same as above, clay content increases (~10%)	0.0
12			CL		LEAN CLAY WITH SAND (CL); greenish-gray (Gley1 6/5G), ~80% clay, ~20% fine sand, stiff, trace rootlets, mottling with orange, no odor	
13					Same as above, sand fraction increases to ~25%	
14			SW-SC		WELL GRADED SAND WITH CLAY (SW-SC); dark yellow brown (10YR 4/4), medium dense, wet, no odor	0.0
15					Same as above, occasional zones of gray mottles	0.0
Bottom of borehole at 15.0 feet bgs.						

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 4.70 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-5-1.0	90	AS		Asphalt (4")	
2					WELL GRADED SAND (SW); dark yellow brown (10YR 3/4), ~90% fine sand, ~10% fine to medium angular gravels, trace clay, damp, loose, no odor	5.3
3						
4					Same as above, clay fraction increases to ~15%	
5	B-5-5.0				Same as above, content increases (wet to saturated)	7.7
6		SW				
7						
8						
9						
10	B-5-10.0					7.5
11						
12						6.6
13						
14					Same as above, occasional mottling with light gray, soil becoming more dense with depth, clay at 15-20%	8.1
15					Bottom of borehole at 15.0 feet bgs.	

PROJECT NAME <u>500 Kirkham</u>		BORING LOCATION _____	
PROJECT NUMBER <u>1204.22</u>		PROJECT LOCATION <u>Oakland, CA</u>	
DATE STARTED <u>8/11/11</u>	COMPLETED <u>8/11/11</u>	Ground ELEVATION _____	HOLE SIZE <u>2.25</u>
DRILLING CONTRACTOR <u>PeneCore</u>		GROUNDWATER LEVELS:	AT TIME OF DRILLING <u>---</u>
DRILLING METHOD <u>Geoprobe</u>		AFTER DRILLING <u>---</u>	AT END OF DRILLING <u>---</u>
LOGGED BY <u>A. Starovoytov</u>	CHECKED BY <u>D. Laduzinsky</u>	SURFACE CONDITIONS: <u>Asphalt</u>	
NOTES: _____			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
1	B-6-1.0	80	AS		Asphalt (4")		
					WELL GRADED SAND (SW); very dark gray-brown (10YR 3/2), ~5-10% fine to medium angular gravel, damp, slight chemical odor (possibly hydraulic fluid)	0.0	
2							
3					Same as above, slight hydrocarbon odor from 2.5' to 4' bgs, color changes to black (10YR 2/1)	0.0	
					Same as above, strong hydrocarbon odor, moisture content increases (wet to saturated)	0.0	
4							
5	B-6-5.0	100	SW		Same as above, saturated conditions, slight organic/hydrocarbon (?) odor	0.0	
6							
7							
8					Same as above, color changes to dark yellow brown (10YR 4/4)		
9	B-6-9.0					0.0	
10							
Bottom of borehole at 10.0 feet bgs.							

PROJECT NAME <u>500 Kirkham</u>		BORING LOCATION _____	
PROJECT NUMBER <u>1204.22</u>		PROJECT LOCATION <u>Oakland, CA</u>	
DATE STARTED <u>8/11/11</u>	COMPLETED <u>8/11/11</u>	Ground ELEVATION _____	HOLE SIZE <u>2.25</u>
DRILLING CONTRACTOR <u>PeneCore</u>		GROUNDWATER LEVELS:	AT TIME OF DRILLING <u>---</u>
DRILLING METHOD <u>Geoprobe</u>		AFTER DRILLING <u>---</u>	AT END OF DRILLING <u>---</u>
LOGGED BY <u>A. Starovoytov</u>	CHECKED BY <u>D. Laduzinsky</u>	SURFACE CONDITIONS: <u>Asphalt</u>	
NOTES: _____			

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-7-1.0	50	AS		Asphalt (4")	
2					WELL GRADED SAND (SW); dark yellow brown (10YR 4/4), trace gravel, moist, loose, no odor Very dark soil (possibly charcoal) for ~2"	0.0
3					Same as above, color changes to dark brown (10YR 3/3), glass and charcoal or charred wood fragments throughout	
4						
5	B-7-5.0	50	SW		Same as above color changes to dark yellow-brown (10YR 4/4), moisture content increases (saturated)	0.0
6						
7	B-7-7.0	50				0.0
8						
9						
10						
Bottom of borehole at 10.0 feet bgs.						

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/11/11	COMPLETED 8/11/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 7.90 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-8-1.0	50	AS		Asphalt (4")	
2					WELL GRADED SAND (SW); brown (10YR 4/3), trace fine gravels, damp, loose, no odor	1.7
3					3-4" zone of gravel and debris (crashed brick, concrete, charred wood, white rock (?), tile fragments)	
4	B-8-5.0	70	SW			
5					Large piece of concrete (~2" dia.)	1.2
6					Same as above, moisture content increases (saturated), color changes to dark yellow-brown (10YR 4/4)	
7	B-8-8.0	100			Same as above, clay content increases (~10-15%)	
8			CL		LEAN CLAY WITH SAND (CL); yellow-brown (10YR 5/6) with heavy gray mottles, ~75% clay, ~25% fine sand, trace rootlets, wet, no odor	0.0
9						
10		100				0.7
11					WELL GRADED SAND WITH CLAY (SW-SC); dark yellow-brown (10YR 4/6), ~90% fine sand, ~10% clay, wet, medium dense, no odor	
12					Same as above, clay fraction decreases (~5%)	0.0
13		100	SW-SC		Same as above, moisture content increases (saturated)	
14						0.0
15						
Bottom of borehole at 15.0 feet bgs.						

PROJECT NAME 500 Kirkham		BORING LOCATION	
PROJECT NUMBER 1204.22		PROJECT LOCATION Oakland, CA	
DATE STARTED 8/10/11	COMPLETED 8/10/11	Ground ELEVATION	HOLE SIZE 2.25
DRILLING CONTRACTOR PeneCore		GROUNDWATER LEVELS:	
DRILLING METHOD Geoprobe		AFTER DRILLING ---	AT TIME OF DRILLING ---
LOGGED BY A. Starovoytov		CHECKED BY D. Laduzinsky	AT END OF DRILLING 4.60 ft
NOTES:		SURFACE CONDITIONS: Asphalt	

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
1	B-9-1.0	70	AS		Asphalt (4")	15.7
2					WELL GRADED SAND WITH GRAVEL (SW); very dark brown (10YR 2/2), ~80% fine sand, ~20% fine to coarse gravels, trace clay, damp, loose, slight chemical odor	
3	B-9-3.0					9.9
4					Same as above, concrete fragments/coarse gravel at 3.8'	
5		33	SW		No recovery. Driller reports feeling a void between 5' and 10' bgs. Some coarse gravel recovered (possibly concrete)	7.5
6						
7						
8						
9						
10						
11		100	SW		WELL GRADED SAND (SW); dark gray-brown (2.5Y 4/2), ~90-95% fine sand, ~5-10% clay, saturated, loose, organic odor	7.5
12						
13	B-9-13.0					
14						
15					Bottom of borehole at 15.0 feet bgs.	

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: 500 Kirkham

Work Order No.: 1108073 Rev: 1

Dear Dennis Laduzinsky:

Torrent Laboratory, Inc. received 40 sample(s) on August 23, 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 positioned above a horizontal line.

Patti Sandrock

August 18, 2011

Date



Date: 8/18/2011

Client: Northgate Environmental Management Inc.

Project: 500 Kirkham

Work Order: 1108073

CASE NARRATIVE

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

Note for 8260B/GCMS-GRO: Final result & PQL (Reporting limit) has been corrected for actual mass from pre-tarred 5035 VOAs for all samples except 1108073-014A. Due to high concentration of hydrocarbons, methanol extraction was performed. Sample was analyzed from liner.

Analytical Comments for method S_6010B, 1108073-002 MS/MSD, QC Analytical Batch ID 406266, Note: The % recoveries for Barium, Copper and Nickel are outside of laboratory control limits but are within % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

Analytical Comments for method S_8270C, 1108073-002 MS/MSD, QC Analytical Batch ID 406315, Note: The % recoveries for 1,4-DCB are outside of laboratory control limits but are within % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

Analytical Comments for method S_TPHDO, 1108073-002 MS/MSD, QC Analytical Batch ID 406315, Note: The % recoveries for TPH as Diesel are outside of laboratory control limits but are within % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

Analytical Comment for Method S_8081, 1108073-002 MS/MSD, although an MS/MSD was extracted it is not reported due to the high concentration of compounds found in the parent sample (reported at a 20X dilution).

REVISIONS:

Per client request, STLC extraction and analysis for Lead was performed on sample -004A.

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours.

STLC: Extraction started on 8/23/11 @4.30 PM and ended on 8/25/11@4.30 PM.

Rev 1 (8/26/11)



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-1-1.0

1108073-001

<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	72	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	22	mg/Kg
Copper	SW6010B	1	0.0900	5.0	12	mg/Kg
Lead	SW6010B	1	0.043	1.0	55	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	9.9	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	23	mg/Kg
Zinc	SW6010B	1	0.59	5.0	23	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	8.33	20	160	mg/Kg

B-1-5.0

1108073-002

<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	2.0	mg/Kg
Barium	SW6010B	1	1	5.0	27	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	26	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.1	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.0	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	19	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	20	mg/Kg
Zinc	SW6010B	1	0.59	5.0	11	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-3-1.0

1108073-004

<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	140	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	36	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	8.0	mg/Kg
Copper	SW6010B	1	0.0900	5.0	29	mg/Kg
Lead	SW6010B	1	0.043	1.0	100	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	24	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	30	mg/Kg
Zinc	SW6010B	1	0.59	5.0	99	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.19	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	8.33	20	130	mg/Kg
Lead (STLC)	SW6010B	1	0.0500	0.10	4.1	mg/L



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-3-5.0

1108073-005

<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	69	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	23	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.0	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	14	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	18	mg/Kg
Zinc	SW6010B	1	0.59	5.0	16	mg/Kg
TPH(Gasoline)	8260TPH	1	15	87	110	ug/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.0	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	6.8	mg/Kg

B-10-1.0

1108073-007

<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	1.7	mg/Kg
Barium	SW6010B	1	1	5.0	42	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	23	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.5	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	14	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	17	mg/Kg
Zinc	SW6010B	1	0.59	5.0	13	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	3.33	8.0	88	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-10-5.0

1108073-008

<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	2.1	mg/Kg
Barium	SW6010B	1	1	5.0	47	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	37	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.7	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.9	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.1	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	31	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	29	mg/Kg
Zinc	SW6010B	1	0.59	5.0	20	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	6.3	mg/Kg

B-12-1.0

1108073-010

<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	1.7	mg/Kg
Barium	SW6010B	1	1	5.0	42	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	24	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.0	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	15	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	17	mg/Kg
Zinc	SW6010B	1	0.59	5.0	12	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	29	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-12-5.0

1108073-011

<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	2.5	mg/Kg
Barium	SW6010B	1	1	5.0	46	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	44	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	11	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.1	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	33	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	29	mg/Kg
Zinc	SW6010B	1	0.59	5.0	20	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.2	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-11-1.0

1108073-013

<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	16	mg/Kg
Barium	SW6010B	1	1	5.0	430	mg/Kg
Cadmium	SW6010B	1	0.0590	1.0	1.1	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	8.5	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	9.2	mg/Kg
Copper	SW6010B	1	0.0900	5.0	58	mg/Kg
Lead	SW6010B	1	0.043	1.0	18	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	16	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	39	mg/Kg
Zinc	SW6010B	1	0.59	5.0	77	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.38	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	8.33	20	130	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-11-6.0

1108073-014

<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	4.8	mg/Kg
Barium	SW6010B	1	1	5.0	42	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	30	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.3	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.7	mg/Kg
Lead	SW6010B	1	0.043	1.0	4.3	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	31	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	29	mg/Kg
Zinc	SW6010B	1	0.59	5.0	17	mg/Kg
Ethyl Benzene	SW8260B	100	86	1000	1500	ug/Kg
m,p-Xylene	SW8260B	100	190	1000	4800	ug/Kg
o-Xylene	SW8260B	100	66	500	670	ug/Kg
1,3,5-Trimethylbenzene	SW8260B	100	110	1000	1600	ug/Kg
1,2,4-Trimethylbenzene	SW8260B	100	110	1000	4800	ug/Kg
TPH(Gasoline)	8260TPH	100	1700	10000	150000	ug/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	8.1	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	5.2	mg/Kg

B-11-10.0

1108073-015

<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: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-14-1.0

1108073-016

<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	2.7	mg/Kg
Barium	SW6010B	1	1	5.0	77	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	28	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.7	mg/Kg
Copper	SW6010B	1	0.0900	5.0	13	mg/Kg
Lead	SW6010B	1	0.043	1.0	46	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	26	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	22	mg/Kg
Zinc	SW6010B	1	0.59	5.0	47	mg/Kg
m,p-Xylene	SW8260B	1	1.4	7.7	7.7	ug/Kg
1,2,4-Trimethylbenzene	SW8260B	1	0.84	7.7	8.9	ug/Kg
TPH as Motor Oil	SW8015B(M)	1	8.33	20	280	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-14-5.0

1108073-017

<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	3.4	mg/Kg
Barium	SW6010B	1	1	5.0	75	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	36	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.6	mg/Kg
Copper	SW6010B	1	0.0900	5.0	11	mg/Kg
Lead	SW6010B	1	0.043	1.0	7.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	30	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	31	mg/Kg
Zinc	SW6010B	1	0.59	5.0	25	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	14	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-15-1.0

1108073-019

<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	3.9	mg/Kg
Barium	SW6010B	1	1	5.0	82	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	25	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.4	mg/Kg
Copper	SW6010B	1	0.0900	5.0	18	mg/Kg
Lead	SW6010B	1	0.043	1.0	53	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	24	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	24	mg/Kg
Zinc	SW6010B	1	0.59	5.0	56	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.10	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	8.33	20	150	mg/Kg

B-15-5.0

1108073-020

<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	2.2	mg/Kg
Barium	SW6010B	1	1	5.0	31	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	34	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.4	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	19	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	23	mg/Kg
Zinc	SW6010B	1	0.59	5.0	13	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.6	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	6.0	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-9-1.0

1108073-022

<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	4.0	mg/Kg
Barium	SW6010B	1	1	5.0	86	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	22	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.1	mg/Kg
Copper	SW6010B	1	0.0900	5.0	22	mg/Kg
Lead	SW6010B	1	0.043	1.0	87	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	20	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	22	mg/Kg
Zinc	SW6010B	1	0.59	5.0	73	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.23	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	16.7	40	720	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-9-3.0

1108073-023

<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	3.8	mg/Kg
Barium	SW6010B	1	1	5.0	78	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	38	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	17	mg/Kg
Copper	SW6010B	1	0.0900	5.0	19	mg/Kg
Lead	SW6010B	1	0.043	1.0	44	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	24	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	41	mg/Kg
Zinc	SW6010B	1	0.59	5.0	41	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.25	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	8.33	20	270	mg/Kg

B-5-1.0

1108073-025

<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	37	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	23	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.0	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.1	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	14	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	17	mg/Kg
Zinc	SW6010B	1	0.59	5.0	12	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	12	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-5-5.0

1108073-026

<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	1.8	mg/Kg
Barium	SW6010B	1	1	5.0	28	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	45	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.4	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.5	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.0	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	31	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	30	mg/Kg
Zinc	SW6010B	1	0.59	5.0	19	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.759	2.0	2.4	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	4.8	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-13-1.0

1108073-028

<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	4.3	mg/Kg
Barium	SW6010B	1	1	5.0	94	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	30	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	7.0	mg/Kg
Copper	SW6010B	1	0.0900	5.0	19	mg/Kg
Lead	SW6010B	1	0.043	1.0	53	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	33	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	29	mg/Kg
Zinc	SW6010B	1	0.59	5.0	58	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	16.5	40	960	mg/Kg

B-13-5.0

1108073-029

<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	55	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	49	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.2	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.7	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.5	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	37	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	37	mg/Kg
Zinc	SW6010B	1	0.59	5.0	21	mg/Kg



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-12-1.0 D

1108073-031

<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-5-5.0 D

1108073-032

<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	43	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	30	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.2	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.4	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	16	mg/Kg

B-1-GW

1108073-033

<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	0.035	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.027	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.012	mg/L



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-12-GW

1108073-034

<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	0.022	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.012	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.040	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.019	mg/L

B-12-GWD

1108073-035

<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: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-11-GW

1108073-036

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Ethyl Benzene	SW8260B	1	0.15	0.50	45	ug/L
m,p-Xylene	SW8260B	1	0.20	1.0	110	ug/L
o-Xylene	SW8260B	1	0.13	0.50	17	ug/L
Isopropyl Benzene	SW8260B	1	0.28	0.50	6.1	ug/L
n-Propylbenzene	SW8260B	1	0.30	0.50	21	ug/L
1,3,5-Trimethylbenzene	SW8260B	1	0.20	0.50	26	ug/L
1,2,4-Trimethylbenzene	SW8260B	1	0.33	0.50	52	ug/L
n-Butylbenzene	SW8260B	1	0.32	0.50	4.6	ug/L
Naphthalene	SW8260B	1	0.57	1.0	12	ug/L
TPH(Gasoline)	8260TPH	1	22	50	1300	ug/L
TPH as Diesel (SG)	SW8015B(M)	1	0.0400	0.10	0.35	mg/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.047	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0060	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.030	mg/L

B-9-GW

1108073-037

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
MTBE	SW8260B	1	0.38	0.50	0.69	ug/L
Arsenic (Dissolved)	SW6010B	1	0.005	0.009	0.020	mg/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.19	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.016	mg/L



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

B-13-GW

1108073-038

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Vinyl Chloride	SW8260B	1.19	0.44	0.60	1.1	ug/L
trans-1,2-Dichloroethene	SW8260B	1.19	0.37	0.60	1.5	ug/L
cis-1,2-Dichloroethene	SW8260B	1.19	0.39	0.60	9.6	ug/L
Chloroform	SW8260B	1.19	0.35	0.60	0.61	ug/L
Trichloroethylene	SW8260B	1.19	0.45	0.60	49	ug/L
Tetrachloroethylene	SW8260B	1.19	0.18	0.60	48	ug/L
TPH(Gasoline)	8260TPH	1.19	26	60	51	ug/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.091	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0095	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.043	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.020	mg/L
Silver (Dissolved)	SW6010B	1	0.002	0.005	0.0056	mg/L

B-5-GW

1108073-039

<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	0.030	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.023	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.023	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.033	mg/L
Silver (Dissolved)	SW6010B	1	0.002	0.005	0.0054	mg/L

Equip BLANK

1108073-040

<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: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.3		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	72		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	22		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	12		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	55		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	9.9		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	23		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	23		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/16/11	08/16/11	20	8.8	40	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	20	7.9	40	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	20	7.3	40	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	20	9.8	40	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	20	22	40	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	20	8.8	40	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	20	6.3	40	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	20	8.4	40	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	20	7.2	40	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	20	12	40	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	20	9.5	40	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	20	8.5	40	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	20	11	40	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	20	9.4	40	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	20	31	40	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	20	16	40	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	20	21	40	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	20	9.8	40	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	20	12	100	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	20	8.0	40	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	20	200	400	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	20	200	2000	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	20	52.5	139	121		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	20	50.2	139	142	S	%	406314	3401

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Surrogate recovery of DCBP is bias high possibly due to the dilution made on the sample; recovery of second surrogate supports data quality.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	102		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	117	S	%	406324	3400

NOTE: Surrogate recovery of DCPB is bias high; recovery of second surrogate supports data quality. Sample is ND.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.9	8.9	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.1	8.9	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.4	8.9	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.2	8.9	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.6	8.9	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	3.3	8.9	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	45	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.99	8.9	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.3	8.9	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	45	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.9	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.9	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.9	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.9	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.5	8.9	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	8.9	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	8.9	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.99	8.9	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.87	8.9	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.9	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.77	8.9	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.9	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.76	8.9	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.59	4.5	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.68	8.9	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.9	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.7	8.9	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.0	8.9	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.97	8.9	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	8.9	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.9	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.8	8.9	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.3	8.9	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.9	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.6	8.9	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.0		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	93.8		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	117		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	20	200	198	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	20	33.3	100	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	20	37.2	100	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	20.1	2000	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	21.6	100	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	20	35.1	100	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	20	42.0	100	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	20	28.2	100	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	20	14.1	100	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	20	16.0	100	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	20	17.4	198	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	20	15.9	198	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	20	40.2	2000	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	20	1700	100	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	20	17.7	100	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	20	27.3	100	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	20	19.8	100	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	20	30.9	100	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	20	8.40	100	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	28.8	100	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	36.6	100	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	20	18.0	990	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	20	35.7	100	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	32.0	100	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	20	25.8	100	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	26.0	100	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	20	29.1	100	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	20	9.00	990	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	20	23.7	100	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	20	35.4	100	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	20	33.0	100	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.6	990	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	20	30.6	100	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	20	30.9	990	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	20	42.9	100	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	20	32.7	510	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	20	40.1	198	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	20	113	990	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	20	44.5	100	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	20	27.0	100	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	20	45.3	100	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	20	46.2	100	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	20	53.4	100	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	20	25.2	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-1.0	Lab Sample ID:	1108073-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:30		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	20	41.7	100	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	20	40.2	100	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	20	51.3	100	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	20	40.8	100	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	20	39.6	100	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	20	45.9	100	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	20	19	122	0.000	S,D	%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	20	30	115	0.000	S,D	%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	20	25	121	0.000	S,D	%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	20	23	120	0.000	S,D	%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	20	24	113	0.000	S,D	%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	20	18	137	0.000	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	15	89	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	45.0		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	160		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	79.8		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.0		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	27		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	26		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.1		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	2.0		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	19		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	20		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	11		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	82.2		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	81.2		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.5	8.1	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.7	8.1	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.8	8.1	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.0	8.1	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.6	41	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	17	41	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.0	8.1	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.1	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	0.99	8.1	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.98	8.1	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.1	8.1	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.80	8.1	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.93	8.1	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.70	8.1	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.69	8.1	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.54	4.1	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.62	8.1	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.96	8.1	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.4	8.1	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.7	8.1	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.88	8.1	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	76.5		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	90.9		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	92.6		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-5.0	Lab Sample ID:	1108073-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 8:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	57.2		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	69.7		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	59.1		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	65.8		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	68.2		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	66.1		%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	14	81	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	82.7		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	ND		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	110		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead (STLC)	SW6010B	8/25/11	08/26/11	1	0.0500	0.10	4.1		mg/L	406447	3496

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	4.2		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	140		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	36		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	8.0		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	29		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	100		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	24		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	30		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	99		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.19		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/16/11	08/16/11	20	8.8	40	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	20	7.9	40	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	20	7.3	40	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	20	9.8	40	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	20	22	40	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	20	8.8	40	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	20	6.3	40	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	20	8.4	40	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	20	7.2	40	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	20	12	40	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	20	9.5	40	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	20	8.5	40	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	20	11	40	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	20	9.4	40	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	20	31	40	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	20	16	40	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	20	21	40	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	20	9.8	40	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	20	12	100	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	20	8.0	40	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	20	200	400	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	20	200	2000	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	20	52.5	139	90.1		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	20	50.2	139	92.0		%	406314	3401

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



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	91.3		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	105		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.7	8.4	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.9	8.4	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.2	8.4	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.9	8.4	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.4	8.4	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.4	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.1	8.4	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	42	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.93	8.4	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.4	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	17	42	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.8	8.4	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.4	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.0	8.4	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.4	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	8.4	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.4	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.0	8.4	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.4	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.0	8.4	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.4	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.4	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.4	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.6	8.4	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.3	8.4	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.8	8.4	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.4	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.94	8.4	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.4	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.82	8.4	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.4	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.97	8.4	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.5	8.4	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.94	8.4	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.7	8.4	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.4	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.72	8.4	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.5	8.4	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.72	8.4	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.4	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.56	4.2	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.64	8.4	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.6	8.4	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.0	8.4	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.4	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.4	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.5	8.4	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.95	8.4	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.8	8.4	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.4	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.4	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.4	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.91	8.4	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.4	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.4	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.4	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.4	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.8	8.4	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.4	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.6	8.4	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.1	8.4	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.8	8.4	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.4	8.4	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.4	8.4	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	86.1		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	92.0		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	80.6		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	20	200	198	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	20	33.3	100	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	20	37.2	100	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	20.1	2000	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	21.6	100	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	20	35.1	100	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	20	42.0	100	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	20	28.2	100	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	20	14.1	100	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	20	16.0	100	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	20	17.4	198	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	20	15.9	198	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	20	40.2	2000	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	20	1700	100	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	20	17.7	100	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	20	27.3	100	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	20	19.8	100	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	20	30.9	100	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	20	8.40	100	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	28.8	100	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	36.6	100	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	20	18.0	990	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	20	35.7	100	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	32.0	100	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	20	25.8	100	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	26.0	100	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	20	29.1	100	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	20	9.00	990	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	20	23.7	100	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	20	35.4	100	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	20	33.0	100	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.6	990	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	20	30.6	100	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	20	30.9	990	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	20	42.9	100	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	20	32.7	510	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	20	40.1	198	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	20	113	990	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	20	44.5	100	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	20	27.0	100	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	20	45.3	100	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	20	46.2	100	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	20	53.4	100	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	20	25.2	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-1.0	Lab Sample ID:	1108073-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	20	41.7	100	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	20	40.2	100	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	20	51.3	100	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	20	40.8	100	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	20	39.6	100	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	20	45.9	100	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	20	19	122	0.000	S,D	%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	20	30	115	0.000	S,D	%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	20	25	121	0.000	S,D	%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	20	23	120	0.000	S,D	%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	20	24	113	0.000	S,D	%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	20	18	137	0.000	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	14	84	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	48.0		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	130		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	76.8		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	ND		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	69		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	23		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.0		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	14		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	18		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	16		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	91.4		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	93.9		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.8	8.7	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.0	8.7	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.3	8.7	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.1	8.7	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.7	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	44	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	44	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.7	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.7	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.4	8.7	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.85	8.7	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.58	4.4	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.67	8.7	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.7	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.9	8.7	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.94	8.7	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	76.9		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	94.4		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	80.1		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-3-5.0	Lab Sample ID:	1108073-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	58.2		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	73.7		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	72.7		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	71.7		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	84.0		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	61.9		%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	15	87	110	x	ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	125		%	406328	3425

NOTE: x - Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	2.0	x	mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	6.8		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	121		mg/Kg	406319	3398

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	1.7		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	42		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	23		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.5		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	14		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	17		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	13		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

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Date Received: 08/23/11
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Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	10	11	20	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	10	3.2	20	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	10	4.2	20	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	10	5.9	20	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	10	4.8	20	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	10	4.3	20	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	10	5.7	20	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	10	4.7	20	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	10	15	20	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	10	8.1	20	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	10	10	20	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	10	6.2	50	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	10	100	200	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	10	100	100	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	10	52.5	139	107		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	10	50.2	139	109		%	406314	3401

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Toxaphene reported to the MDL.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	90.7		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	104		%	406324	3400



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Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.8	8.7	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.0	8.7	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.3	8.7	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.1	8.7	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.7	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	44	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	44	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.7	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.7	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.4	8.7	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.85	8.7	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.58	4.4	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.67	8.7	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.7	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.9	8.7	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.94	8.7	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	78.9		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	89.8		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	90.0		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	1	10.0	9.90	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	1.67	5.00	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	1.86	5.00	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	1.95	5.00	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	1.04	5.00	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	1.95	5.00	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.11	5.00	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.01	99.9	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.08	5.00	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	1.76	5.00	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	1.04	5.00	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	2.10	5.00	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	1.41	5.00	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.705	5.00	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.800	5.00	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.870	9.90	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.795	9.90	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	2.01	99.9	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	84.8	5.00	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.885	5.00	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.11	5.00	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	1.37	5.00	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	1.50	5.00	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.990	5.00	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	1.55	5.00	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	1.20	5.00	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	1.20	5.00	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.420	5.00	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	1.44	5.00	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	1.83	5.00	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.900	49.5	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.05	5.00	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	1.79	5.00	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	1.60	5.00	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	1.29	5.00	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.405	5.00	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	1.30	5.00	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.05	5.00	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	1.46	5.00	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.450	49.5	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	1.19	5.00	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.405	5.00	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	1.80	5.00	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	1.80	5.00	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	1.77	5.00	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	1.50	5.00	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	1.22	5.00	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.22	5.00	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	1.65	5.00	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	1.23	49.5	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	1.53	5.00	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	1.55	49.5	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	2.15	5.00	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	1.64	25.5	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	2.01	9.90	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	1	5.67	49.5	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	2.23	5.00	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	1.35	5.00	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	2.27	5.00	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	2.31	5.00	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	2.67	5.00	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	1.26	5.00	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-1.0	Lab Sample ID:	1108073-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:50		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	2.09	5.00	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	2.57	5.00	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	2.04	5.00	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	1.98	5.00	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	2.30	5.00	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	2.28	5.00	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	2.28	5.00	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	106	S	%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	106		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	82.8		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	93.4		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	82.1		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	0.000	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to prep of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	15	87	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	80.5		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	1.53	4.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	3.33	8.0	88		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	84.5		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.1		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	47		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	37		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.7		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	5.9		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.1		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	31		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	29		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	20		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	95.6		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	104		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.5	8.1	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.7	8.1	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.8	8.1	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.0	8.1	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.6	41	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	17	41	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.0	8.1	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.1	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	0.99	8.1	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.98	8.1	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.1	8.1	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.80	8.1	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.93	8.1	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.70	8.1	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.69	8.1	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.54	4.1	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.62	8.1	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.96	8.1	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.4	8.1	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.7	8.1	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.88	8.1	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	97.6		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	81.1		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	98.5		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-10-5.0	Lab Sample ID:	1108073-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	47.8		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	58.0		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	60.8		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	57.9		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	67.1		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	56.8		%	406315	3374

NOTE: D - Surrogates not recoverable due to prep of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/18/11	1	14	80	ND		ug/Kg	406330	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/18/11	1	43.9	127	80.3		%	406330	3425

NOTE: Final results and PQL (Reporting Limit) have been corrected for actual mass from pre-tarred 5035 VOAs.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	6.3		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	123		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	1.7		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	42		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	24		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	2.0		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	15		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	17		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	12		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/16/11	08/16/11	4	1.8	8.0	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	4	1.6	8.0	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	4	1.5	8.0	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	4	2.0	8.0	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	4	4.4	8.0	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	4	1.8	8.0	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	4	1.3	8.0	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	4	1.7	8.0	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	4	1.4	8.0	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	4	2.4	8.0	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	4	1.9	8.0	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	4	1.7	8.0	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	4	2.3	8.0	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	4	1.9	8.0	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	4	6.1	8.0	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	4	3.2	8.0	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	4	4.1	8.0	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	4	2.0	8.0	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	4	2.5	20	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	4	1.6	8.0	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	4	40	80	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	4	40	400	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	4	52.5	139	107		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	4	50.2	139	105		%	406314	3401

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



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	94.3		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	107		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.0	9.1	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.2	9.1	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.4	9.1	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.2	9.1	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.6	9.1	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	9.1	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.4	9.1	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	46	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.1	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.1	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	19	46	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.0	9.1	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.1	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.2	9.1	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	9.1	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.1	9.1	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.1	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.1	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.1	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.1	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	9.1	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.5	9.1	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	9.1	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.1	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.1	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.1	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.89	9.1	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	9.1	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.1	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	9.1	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.1	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.1	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.78	9.1	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.8	9.1	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.78	9.1	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.1	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.60	4.6	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.70	9.1	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	9.1	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.1	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.1	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.7	9.1	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.1	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.0	9.1	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	9.1	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	9.1	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.1	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.99	9.1	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.1	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	9.1	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	9.1	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.1	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.0	9.1	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.1	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.9	9.1	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.3	9.1	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	9.1	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.6	9.1	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.6	9.1	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	78.2		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	89.9		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	92.0		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	1	10.0	9.90	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	1.67	5.00	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	1.86	5.00	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	1.95	5.00	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	1.04	5.00	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	1.95	5.00	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.11	5.00	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.01	99.9	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.08	5.00	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	1.76	5.00	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	1.04	5.00	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	2.10	5.00	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	1.41	5.00	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.705	5.00	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.800	5.00	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.870	9.90	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.795	9.90	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	2.01	99.9	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	84.8	5.00	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.885	5.00	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	1.11	5.00	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	1.58	5.00	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	1.37	5.00	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	1.50	5.00	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.990	5.00	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	1.55	5.00	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	1.20	5.00	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	1.20	5.00	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.420	5.00	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	1.44	5.00	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	1.83	5.00	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.900	49.5	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.05	5.00	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	1.79	5.00	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	1.60	5.00	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	1.29	5.00	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.405	5.00	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	1.30	5.00	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.05	5.00	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	1.46	5.00	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.450	49.5	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	1.19	5.00	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.405	5.00	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	1.80	5.00	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	1.80	5.00	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	1.77	5.00	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	1.50	5.00	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	1.22	5.00	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	1.22	5.00	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	1.01	5.00	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	1.65	5.00	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	1.23	49.5	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	1.53	5.00	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	1.55	49.5	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	2.15	5.00	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	1.64	25.5	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	2.01	9.90	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	1	5.67	49.5	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	2.23	5.00	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	1.35	5.00	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	2.27	5.00	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	2.31	5.00	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	2.67	5.00	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	1.26	5.00	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0	Lab Sample ID:	1108073-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	2.09	5.00	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	2.01	5.00	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	2.57	5.00	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	2.04	5.00	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	1.98	5.00	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	2.30	5.00	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	2.28	5.00	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	2.28	5.00	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	100		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	102		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	79.9		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	89.1		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	75.3		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	-29.9	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to prep of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	15	91	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	83.3		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	29		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	86.6		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.5		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	46		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	44		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	11		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	6.1		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.2		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	33		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	29		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	20		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	77.1		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	87.6		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.1	7.2	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.3	7.2	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	1.9	7.2	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.4	7.2	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.1	7.2	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	2.7	7.2	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.4	36	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.80	7.2	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	1.9	7.2	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	15	36	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.6	7.2	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.92	7.2	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	1.7	7.2	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.89	7.2	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.6	7.2	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	0.88	7.2	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.2	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.88	7.2	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	7.2	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.5	7.2	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	7.2	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	2.8	7.2	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.6	7.2	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.94	7.2	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.80	7.2	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	7.2	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.71	7.2	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.83	7.2	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.81	7.2	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.5	7.2	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.62	7.2	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.0	7.2	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.62	7.2	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.48	3.6	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.55	7.2	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.4	7.2	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.89	7.2	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.0	7.2	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.86	7.2	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.2	7.2	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.81	7.2	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.4	7.2	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.0	7.2	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.78	7.2	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.2	7.2	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	7.2	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	7.2	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.6	7.2	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	0.94	7.2	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.0	7.2	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	1.8	7.2	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.5	7.2	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.0	7.2	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.1	7.2	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.6		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	81.6		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	96.7		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-5.0	Lab Sample ID:	1108073-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	50.5		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	68.2		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	67.4		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	64.1		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	75.0		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	64.4		%	406315	3374

NOTE: D - Surrogates not recoverable due to prep of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/18/11	1	12	72	ND		ug/Kg	406330	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/18/11	1	43.9	127	78.5		%	406330	3425

NOTE: Final results and PQL (Reporting Limit) have been corrected for actual mass from pre-tarred 5035 VOAs.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	2.2	x	mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	ND		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	97.4		mg/Kg	406319	3398

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	16		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	430		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	1.1		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	8.5		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	9.2		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	58		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	18		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	16		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	39		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	77		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.38		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	10	11	20	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	10	3.2	20	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	10	4.2	20	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	10	5.9	20	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	10	4.8	20	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	10	4.3	20	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	10	5.7	20	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	10	4.7	20	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	10	15	20	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	10	8.1	20	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	10	10	20	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	10	6.2	50	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	10	100	200	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	10	100	100	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	10	52.5	139	93.9		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	10	50.2	139	87.1		%	406314	3401

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Toxaphene reported to the MDL.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	74.4		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	84.6		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.6	8.2	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.8	8.2	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.2	8.2	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.8	8.2	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.4	8.2	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.2	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.0	8.2	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.6	41	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.91	8.2	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.1	8.2	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	17	41	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.8	8.2	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	8.2	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.0	8.2	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.2	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	8.2	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.2	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.0	8.2	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	8.2	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.0	8.2	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.2	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.6	8.2	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.2	8.2	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.8	8.2	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.2	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.92	8.2	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.81	8.2	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.2	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.95	8.2	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.5	8.2	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.92	8.2	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.7	8.2	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	8.2	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.71	8.2	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.5	8.2	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.70	8.2	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.5	8.2	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.54	4.1	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.63	8.2	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.6	8.2	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.0	8.2	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.97	8.2	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.5	8.2	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.92	8.2	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.7	8.2	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.2	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.2	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.89	8.2	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	8.2	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.2	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.2	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.8	8.2	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.2	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.5	8.2	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.1	8.2	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	8.2	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.3	8.2	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.4	8.2	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	94.8		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	89.8		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	89.5		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	10	100	99.0	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	10	16.7	50.0	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	10	18.6	50.0	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	10	19.5	50.0	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	10	10.4	50.0	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	10	19.5	50.0	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	10	11.1	50.0	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	10	10.1	999	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	10	15.8	50.0	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	10	10.8	50.0	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	10	17.6	50.0	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	10	10.4	50.0	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	10	21.0	50.0	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	10	14.1	50.0	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	10	7.05	50.0	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	10	8.00	50.0	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	10	8.70	99.0	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	10	7.95	99.0	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	10	20.1	999	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	10	848	50.0	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	10	8.85	50.0	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	10	15.8	50.0	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	10	11.1	50.0	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	10	15.8	50.0	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	10	13.7	50.0	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	10	15.0	50.0	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	10	9.90	50.0	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	10	15.5	50.0	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	10	12.0	50.0	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	10	12.0	50.0	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	10	4.20	50.0	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	10	14.4	50.0	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	10	18.3	50.0	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	10	9.00	495	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	10	10.5	50.0	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	10	17.9	50.0	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	10	16.0	50.0	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	10	12.9	50.0	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	10	4.05	50.0	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	10	13.0	50.0	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	10	10.5	50.0	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	10	14.6	50.0	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	10	4.50	495	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	10	10.1	50.0	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	10	11.9	50.0	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	10	4.05	50.0	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	10	18.0	50.0	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	10	18.0	50.0	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	10	17.7	50.0	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	10	15.0	50.0	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	10	12.2	50.0	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	10	12.2	50.0	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	10	10.1	50.0	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	10	10.1	50.0	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	10	16.5	50.0	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	10	12.3	495	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	10	15.3	50.0	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	10	15.5	495	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	10	21.5	50.0	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	10	20.1	50.0	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	10	20.1	50.0	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	10	16.4	255	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	10	20.1	99.0	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	10	56.7	495	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	10	22.3	50.0	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	10	13.5	50.0	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	10	22.7	50.0	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	10	23.1	50.0	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	10	26.7	50.0	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	10	12.6	50.0	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-1.0	Lab Sample ID:	1108073-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:50		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	10	20.9	50.0	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	10	20.1	50.0	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	10	25.7	50.0	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	10	20.4	50.0	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	10	19.8	50.0	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	10	23.0	50.0	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	10	22.8	50.0	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	10	22.8	50.0	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	10	19	122	0.000	S,D	%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	10	30	115	0.000	S,D	%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	10	25	121	0.000	S,D	%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	10	23	120	0.000	S,D	%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	10	24	113	0.000	S,D	%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	10	18	137	0.000	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	14	82	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	43.4	S	%	406328	3425

NOTE: S-Surrogate recovery out of limit.Matrix effect suspected. Sample analyzed twice with similar results.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	130		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	69.6		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	4.8		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	42		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	30		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	5.3		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	5.7		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	4.3		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	31		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	29		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	17		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	88.5		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	95.0		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	100	440	1000	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	100	460	1000	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	100	260	1000	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	100	470	1000	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	100	290	1000	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	100	150	1000	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	100	370	1000	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	100	200	5000	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	100	110	1000	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	100	260	1000	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	100	2100	5000	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	100	220	1000	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	100	130	1000	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	100	240	1000	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	100	180	1000	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	100	230	1000	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	100	160	1000	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	100	140	1000	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	100	150	1000	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	100	210	1000	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	100	190	1000	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	100	390	1000	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	100	220	1000	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	100	130	1000	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	100	110	1000	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	100	140	1000	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	100	98	1000	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	100	180	1000	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	100	180	1000	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	100	110	1000	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	100	210	1000	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	100	170	1000	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	100	86	1000	1500		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	100	420	1000	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	100	86	1000	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	100	190	1000	4800		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	100	66	500	670		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	100	77	1000	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	100	190	1000	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	100	140	1000	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	100	120	1000	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	100	300	1000	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	100	110	1000	1600		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	100	330	1000	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	100	160	1000	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	100	160	1000	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	100	140	1000	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	100	110	1000	4800		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	100	160	1000	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	100	150	1000	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	100	180	1000	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	100	150	1000	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	100	220	1000	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	100	130	1000	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	100	420	1000	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	100	260	1000	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	100	210	1000	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	100	280	1000	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	100	290	1000	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	100	59.8	148	103		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	100	55.2	133	72.8		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	100	55.8	141	89.1		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-6.0	Lab Sample ID:	1108073-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	59.2		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	67.3		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	75.4		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	64.2		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	78.9		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	67.6		%	406315	3374

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	100	1700	10000	150000	x	ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	100	43.9	127	82.7		%	406301	NA

NOTE: x - Does not match pattern of reference Gasoline standard. Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	8.1	x	mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	5.2		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	113		mg/Kg	406319	3398

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-10.0	Lab Sample ID:	1108073-015A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/24/11	1	4.4	10	ND		ug/Kg	406411	NA
Chloromethane	SW8260B	NA	08/24/11	1	4.6	10	ND		ug/Kg	406411	NA
Vinyl Chloride	SW8260B	NA	08/24/11	1	2.6	10	ND		ug/Kg	406411	NA
Bromomethane	SW8260B	NA	08/24/11	1	4.7	10	ND		ug/Kg	406411	NA
Trichlorofluoromethane	SW8260B	NA	08/24/11	1	2.9	10	ND		ug/Kg	406411	NA
1,1-Dichloroethene	SW8260B	NA	08/24/11	1	1.5	10	ND		ug/Kg	406411	NA
Freon 113	SW8260B	NA	08/24/11	1	3.7	10	ND		ug/Kg	406411	NA
Methylene Chloride	SW8260B	NA	08/24/11	1	2.0	50	ND		ug/Kg	406411	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/24/11	1	1.1	10	ND		ug/Kg	406411	NA
MTBE	SW8260B	NA	08/24/11	1	2.6	10	ND		ug/Kg	406411	NA
tert-Butanol	SW8260B	NA	08/24/11	1	21	50	ND		ug/Kg	406411	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/24/11	1	2.2	10	ND		ug/Kg	406411	NA
1,1-Dichloroethane	SW8260B	NA	08/24/11	1	1.3	10	ND		ug/Kg	406411	NA
ETBE	SW8260B	NA	08/24/11	1	2.4	10	ND		ug/Kg	406411	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/24/11	1	1.8	10	ND		ug/Kg	406411	NA
2,2-Dichloropropane	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
Bromochloromethane	SW8260B	NA	08/24/11	1	2.3	10	ND		ug/Kg	406411	NA
Chloroform	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
Carbon Tetrachloride	SW8260B	NA	08/24/11	1	1.6	10	ND		ug/Kg	406411	NA
1,1,1-Trichloroethane	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
1,1-Dichloropropene	SW8260B	NA	08/24/11	1	1.4	10	ND		ug/Kg	406411	NA
Benzene	SW8260B	NA	08/24/11	1	1.5	10	ND		ug/Kg	406411	NA
TAME	SW8260B	NA	08/24/11	1	2.1	10	ND		ug/Kg	406411	NA
1,2-Dichloroethane	SW8260B	NA	08/24/11	1	1.9	10	ND		ug/Kg	406411	NA
Trichloroethylene	SW8260B	NA	08/24/11	1	3.9	10	ND		ug/Kg	406411	NA
Dibromomethane	SW8260B	NA	08/24/11	1	2.2	10	ND		ug/Kg	406411	NA
1,2-Dichloropropane	SW8260B	NA	08/24/11	1	1.3	10	ND		ug/Kg	406411	NA
Bromodichloromethane	SW8260B	NA	08/24/11	1	1.1	10	ND		ug/Kg	406411	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/24/11	1	1.4	10	ND		ug/Kg	406411	NA
Toluene	SW8260B	NA	08/24/11	1	0.98	10	ND		ug/Kg	406411	NA
Tetrachloroethylene	SW8260B	NA	08/24/11	1	1.8	10	ND		ug/Kg	406411	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
1,1,2-Trichloroethane	SW8260B	NA	08/24/11	1	1.8	10	ND		ug/Kg	406411	NA
Dibromochloromethane	SW8260B	NA	08/24/11	1	1.1	10	ND		ug/Kg	406411	NA
1,3-Dichloropropane	SW8260B	NA	08/24/11	1	2.1	10	ND		ug/Kg	406411	NA
1,2-Dibromoethane	SW8260B	NA	08/24/11	1	1.7	10	ND		ug/Kg	406411	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-10.0	Lab Sample ID:	1108073-015A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/24/11	1	0.86	10	ND		ug/Kg	406411	NA
Chlorobenzene	SW8260B	NA	08/24/11	1	4.2	10	ND		ug/Kg	406411	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/24/11	1	0.86	10	ND		ug/Kg	406411	NA
m,p-Xylene	SW8260B	NA	08/24/11	1	1.9	10	ND		ug/Kg	406411	NA
o-Xylene	SW8260B	NA	08/24/11	1	0.66	5.0	ND		ug/Kg	406411	NA
Styrene	SW8260B	NA	08/24/11	1	0.77	10	ND		ug/Kg	406411	NA
Bromoform	SW8260B	NA	08/24/11	1	1.9	10	ND		ug/Kg	406411	NA
Isopropyl Benzene	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
n-Propylbenzene	SW8260B	NA	08/24/11	1	1.4	10	ND		ug/Kg	406411	NA
Bromobenzene	SW8260B	NA	08/24/11	1	1.2	10	ND		ug/Kg	406411	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/24/11	1	3.0	10	ND		ug/Kg	406411	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/24/11	1	1.1	10	ND		ug/Kg	406411	NA
1,2,3-Trichloropropane	SW8260B	NA	08/24/11	1	3.3	10	ND		ug/Kg	406411	NA
4-Chlorotoluene	SW8260B	NA	08/24/11	1	1.6	10	ND		ug/Kg	406411	NA
2-Chlorotoluene	SW8260B	NA	08/24/11	1	1.6	10	ND		ug/Kg	406411	NA
tert-Butylbenzene	SW8260B	NA	08/24/11	1	1.4	10	ND		ug/Kg	406411	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/24/11	1	1.1	10	ND		ug/Kg	406411	NA
sec-Butyl Benzene	SW8260B	NA	08/24/11	1	1.6	10	ND		ug/Kg	406411	NA
p-Isopropyltoluene	SW8260B	NA	08/24/11	1	1.5	10	ND		ug/Kg	406411	NA
1,3-Dichlorobenzene	SW8260B	NA	08/24/11	1	1.8	10	ND		ug/Kg	406411	NA
1,4-Dichlorobenzene	SW8260B	NA	08/24/11	1	1.5	10	ND		ug/Kg	406411	NA
n-Butylbenzene	SW8260B	NA	08/24/11	1	2.2	10	ND		ug/Kg	406411	NA
1,2-Dichlorobenzene	SW8260B	NA	08/24/11	1	1.3	10	ND		ug/Kg	406411	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/24/11	1	4.2	10	ND		ug/Kg	406411	NA
Hexachlorobutadiene	SW8260B	NA	08/24/11	1	2.6	10	ND		ug/Kg	406411	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/24/11	1	2.1	10	ND		ug/Kg	406411	NA
Naphthalene	SW8260B	NA	08/24/11	1	2.8	10	ND		ug/Kg	406411	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/24/11	1	2.9	10	ND		ug/Kg	406411	NA
(S) Dibromofluoromethane	SW8260B	NA	08/24/11	1	59.8	148	87.9		%	406411	NA
(S) Toluene-d8	SW8260B	NA	08/24/11	1	55.2	133	90.4		%	406411	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/24/11	1	55.8	141	94.1		%	406411	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-11-10.0	Lab Sample ID:	1108073-015A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/24/11	08/24/11	1	17	100	ND		ug/Kg	406411	3480
(S) 4-Bromofluorobenzene	8260TPH	8/24/11	08/24/11	1	43.9	127	72.5		%	406411	3480



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.7		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	77		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	28		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	5.7		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	13		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	46		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	26		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	22		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	47		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	40	15	80	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	40	44	80	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	40	13	80	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	40	14	80	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	40	24	80	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	40	23	80	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	40	61	80	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	40	32	80	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	40	41	80	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	40	25	200	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	40	400	800	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	40	400	4000	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	40	52.5	139	0.000	S,D	%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	40	50.2	139	0.000	S,D	%	406314	3401

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (dark color extract).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	92.0		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	101		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.4	7.7	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.7	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.6	7.7	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	2.9	7.7	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	39	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	39	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.98	7.7	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	1.9	7.7	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.8	7.7	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.0	7.7	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.76	7.7	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.89	7.7	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.7	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.7	7.7		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.51	3.9	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.59	7.7	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.91	7.7	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.7	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.87	7.7	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.6	7.7	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.84	7.7	8.9		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.3	7.7	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	86.3		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	99.6		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	76.2		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/15/11	20	200	198	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	20	33.3	100	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	20	37.2	100	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	20	39.0	100	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	20.1	2000	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	20	21.6	100	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	20	35.1	100	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	20	20.7	100	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	20	42.0	100	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	20	28.2	100	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	20	14.1	100	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	20	16.0	100	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	20	17.4	198	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	20	15.9	198	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	20	40.2	2000	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	20	1700	100	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	20	17.7	100	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	20	22.2	100	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	20	31.5	100	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	20	27.3	100	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	20	19.8	100	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	20	30.9	100	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	20	24.0	100	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	20	8.40	100	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	28.8	100	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	20	36.6	100	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	20	18.0	990	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/15/11	20	35.7	100	ND		mg/Kg	406315	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	32.0	100	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	20	25.8	100	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	26.0	100	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	20	21.0	100	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	20	29.1	100	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	20	9.00	990	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	20	23.7	100	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	20	8.10	100	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	20	36.0	100	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	20	35.4	100	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	20	30.0	100	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	20	24.3	100	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	20	20.1	100	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	20	33.0	100	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	20	24.6	990	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	20	30.6	100	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	20	30.9	990	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	20	42.9	100	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	20	40.1	100	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	20	32.7	510	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	20	40.1	198	ND		mg/Kg	406315	3374
Benzidine	SW8270C	8/14/11	08/15/11	20	113	990	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	20	44.5	100	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	20	27.0	100	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	20	45.3	100	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	20	46.2	100	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	20	53.4	100	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	20	25.2	100	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-1.0	Lab Sample ID:	1108073-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:50		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	20	41.7	100	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	20	40.2	100	ND		mg/Kg	406315	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	20	51.3	100	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	20	40.8	100	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	20	39.6	100	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	20	45.9	100	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	20	45.6	100	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	20	19	122	0.000	S,D	%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	20	30	115	0.000	S,D	%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	20	25	121	0.000	S,D	%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	20	23	120	0.000	S,D	%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	20	24	113	0.000	S,D	%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	20	18	137	0.000	S,D	%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	13	77	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	45.7		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	280		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	71.8		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	3.4		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	75		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	36		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.6		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	11		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	7.2		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	30		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	31		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	25		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	64.2		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	86.7		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.4	10	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.6	10	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.6	10	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.7	10	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.9	10	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.7	10	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	2.0	50	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.6	10	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	21	50	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.2	10	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.4	10	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.3	10	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.4	10	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	2.1	10	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.9	10	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.2	10	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.4	10	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.98	10	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	2.1	10	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.7	10	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.86	10	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	4.2	10	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.86	10	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.66	5.0	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.77	10	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.4	10	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	3.0	10	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.3	10	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.4	10	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.2	10	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	4.2	10	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.6	10	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.1	10	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.8	10	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.9	10	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	78.8		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	88.3		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	91.1		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-14-5.0	Lab Sample ID:	1108073-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	41.2		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	53.5		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	60.2		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	53.0		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	68.4		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	62.7		%	406315	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	12	71	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	51.5		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	14		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	105		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	3.9		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	82		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	25		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.4		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	18		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	53		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	24		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	24		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	56		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.10		mg/Kg	406269	3392



SAMPLE RESULTS

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Date Received: 08/23/11
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Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	10	11	20	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	10	4.4	20	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	10	3.2	20	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	10	4.2	20	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	10	3.6	20	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	10	5.9	20	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	10	4.8	20	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	10	4.3	20	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	10	5.7	20	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	10	4.7	20	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	10	15	20	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	10	8.1	20	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	10	10	20	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	10	4.9	20	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	10	6.2	50	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	10	4.0	20	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	10	100	200	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	10	100	100	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	10	52.5	139	100		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	10	50.2	139	96.5		%	406314	3401

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Toxaphene reported to the MDL.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	88.7		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	99.3		%	406324	3400



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Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.7	8.5	ND		ug/Kg	406328	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.9	8.5	ND		ug/Kg	406328	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406328	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.0	8.5	ND		ug/Kg	406328	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406328	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406328	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.5	ND		ug/Kg	406328	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	43	ND		ug/Kg	406328	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406328	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406328	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	43	ND		ug/Kg	406328	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406328	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406328	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.5	ND		ug/Kg	406328	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406328	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406328	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406328	NA
Chloroform	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406328	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406328	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406328	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406328	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406328	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.5	ND		ug/Kg	406328	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406328	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.3	8.5	ND		ug/Kg	406328	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406328	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406328	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406328	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406328	NA
Toluene	SW8260B	NA	08/15/11	1	0.83	8.5	ND		ug/Kg	406328	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406328	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.98	8.5	ND		ug/Kg	406328	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406328	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406328	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.5	ND		ug/Kg	406328	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.73	8.5	ND		ug/Kg	406328	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.6	8.5	ND		ug/Kg	406328	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.73	8.5	ND		ug/Kg	406328	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406328	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.56	4.3	ND		ug/Kg	406328	NA
Styrene	SW8260B	NA	08/15/11	1	0.65	8.5	ND		ug/Kg	406328	NA
Bromoform	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406328	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406328	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406328	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406328	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.5	ND		ug/Kg	406328	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.96	8.5	ND		ug/Kg	406328	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.8	8.5	ND		ug/Kg	406328	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406328	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406328	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406328	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.92	8.5	ND		ug/Kg	406328	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406328	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406328	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406328	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406328	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406328	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406328	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.6	8.5	ND		ug/Kg	406328	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406328	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.8	8.5	ND		ug/Kg	406328	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406328	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406328	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	83.3		%	406328	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	102		%	406328	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	72.9		%	406328	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/16/11	20	200	198	ND		mg/Kg	406316	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/16/11	20	33.3	100	ND		mg/Kg	406316	3374
Aniline	SW8270C	8/14/11	08/16/11	20	37.2	100	ND		mg/Kg	406316	3374
Phenol	SW8270C	8/14/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3374
2-Chlorophenol	SW8270C	8/14/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	20.1	2000	ND		mg/Kg	406316	3374
Benzyl Alcohol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	21.6	100	ND		mg/Kg	406316	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/16/11	20	35.1	100	ND		mg/Kg	406316	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/16/11	20	42.0	100	ND		mg/Kg	406316	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/16/11	20	28.2	100	ND		mg/Kg	406316	3374
Hexachloroethane	SW8270C	8/14/11	08/16/11	20	14.1	100	ND		mg/Kg	406316	3374
Nitrobenzene	SW8270C	8/14/11	08/16/11	20	16.0	100	ND		mg/Kg	406316	3374
Isophorone	SW8270C	8/14/11	08/16/11	20	17.4	198	ND		mg/Kg	406316	3374
2-Nitrophenol	SW8270C	8/14/11	08/16/11	20	15.9	198	ND		mg/Kg	406316	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/16/11	20	40.2	2000	ND		mg/Kg	406316	3374
Benzoic Acid	SW8270C	8/14/11	08/16/11	20	1700	100	ND		mg/Kg	406316	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/16/11	20	17.7	100	ND		mg/Kg	406316	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
Naphthalene	SW8270C	8/14/11	08/16/11	20	27.3	100	ND		mg/Kg	406316	3374
4-Chloroaniline	SW8270C	8/14/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/16/11	20	19.8	100	ND		mg/Kg	406316	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/16/11	20	30.9	100	ND		mg/Kg	406316	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/16/11	20	8.40	100	ND		mg/Kg	406316	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/16/11	20	28.8	100	ND		mg/Kg	406316	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/16/11	20	36.6	100	ND		mg/Kg	406316	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/16/11	20	18.0	990	ND		mg/Kg	406316	3374
2-Nitroaniline	SW8270C	8/14/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/16/11	20	35.7	100	ND		mg/Kg	406316	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	32.0	100	ND		mg/Kg	406316	3374
Acenaphthylene	SW8270C	8/14/11	08/16/11	20	25.8	100	ND		mg/Kg	406316	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	26.0	100	ND		mg/Kg	406316	3374
3-Nitroaniline	SW8270C	8/14/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3374
Acenaphthene	SW8270C	8/14/11	08/16/11	20	29.1	100	ND		mg/Kg	406316	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/16/11	20	9.00	990	ND		mg/Kg	406316	3374
4-Nitrophenol	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Dibenzofuran	SW8270C	8/14/11	08/16/11	20	23.7	100	ND		mg/Kg	406316	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3374
Diethylphthalate	SW8270C	8/14/11	08/16/11	20	35.4	100	ND		mg/Kg	406316	3374
Fluorene	SW8270C	8/14/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3374
4-Nitroaniline	SW8270C	8/14/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Diphenylamine	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Azobenzene	SW8270C	8/14/11	08/16/11	20	33.0	100	ND		mg/Kg	406316	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/16/11	20	24.6	990	ND		mg/Kg	406316	3374
Hexachlorobenzene	SW8270C	8/14/11	08/16/11	20	30.6	100	ND		mg/Kg	406316	3374
Pentachlorophenol	SW8270C	8/14/11	08/16/11	20	30.9	990	ND		mg/Kg	406316	3374
Phenanthrene	SW8270C	8/14/11	08/16/11	20	42.9	100	ND		mg/Kg	406316	3374
Anthracene	SW8270C	8/14/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3374
Carbazole	SW8270C	8/14/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/16/11	20	32.7	510	ND		mg/Kg	406316	3374
Fluoranthene	SW8270C	8/14/11	08/16/11	20	40.1	198	ND		mg/Kg	406316	3374
Benzidine	SW8270C	8/14/11	08/16/11	20	113	990	ND		mg/Kg	406316	3374
Pyrene	SW8270C	8/14/11	08/16/11	20	44.5	100	ND		mg/Kg	406316	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/16/11	20	27.0	100	ND		mg/Kg	406316	3374
Benz[a]anthracene	SW8270C	8/14/11	08/16/11	20	45.3	100	ND		mg/Kg	406316	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/16/11	20	46.2	100	ND		mg/Kg	406316	3374
Chrysene	SW8270C	8/14/11	08/16/11	20	53.4	100	ND		mg/Kg	406316	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/16/11	20	25.2	100	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-1.0	Lab Sample ID:	1108073-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:40		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/16/11	20	41.7	100	ND		mg/Kg	406316	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/16/11	20	40.2	100	ND		mg/Kg	406316	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/16/11	20	51.3	100	ND		mg/Kg	406316	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/16/11	20	40.8	100	ND		mg/Kg	406316	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/16/11	20	39.6	100	ND		mg/Kg	406316	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/16/11	20	45.9	100	ND		mg/Kg	406316	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/16/11	20	19	122	0.000	S,D	%	406316	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/16/11	20	30	115	0.000	S,D	%	406316	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/16/11	20	25	121	0.000	S,D	%	406316	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/16/11	20	23	120	0.000	S,D	%	406316	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/16/11	20	24	113	0.000	S,D	%	406316	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/16/11	20	18	137	0.000	S,D	%	406316	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/15/11	08/15/11	1	14	85	ND		ug/Kg	406328	3425
(S) 4-Bromofluorobenzene	8260TPH	8/15/11	08/15/11	1	43.9	127	50.4		%	406328	3425

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	150		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	76.2		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.2		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	31		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	34		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	2.4		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	19		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	23		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	13		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	81.1		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	94.5		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.4	7.7	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.7	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.6	7.7	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	2.9	7.7	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	39	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	39	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.98	7.7	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	1.9	7.7	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.8	7.7	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.0	7.7	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.76	7.7	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.89	7.7	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.7	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.51	3.9	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.59	7.7	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.91	7.7	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.7	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.87	7.7	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.6	7.7	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.84	7.7	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.3	7.7	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	101		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	87.3		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	102		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-15-5.0	Lab Sample ID:	1108073-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 13:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	51.9		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	64.5		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	65.5		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	63.2		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	72.8		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	59.6		%	406315	3374

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	77	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	75.8		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	2.6	x	mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	6.0		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	108		mg/Kg	406319	3398

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	4.0		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	86		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	22		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.1		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	22		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	87		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	20		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	22		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	73		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.23		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	40	15	80	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	40	44	80	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	40	13	80	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	40	14	80	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	40	24	80	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	40	23	80	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	40	61	80	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	40	32	80	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	40	41	80	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	40	25	200	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	40	400	800	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	40	400	4000	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	40	52.5	139	0.000	S,D	%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	40	50.2	139	0.000	S,D	%	406314	3401

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (dark color extract).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	3	0.0690	0.30	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	3	0.276	0.60	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	3	0.138	0.30	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	3	0.129	0.30	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	3	0.108	0.30	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	3	0.0720	0.30	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	3	0.0810	0.30	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	3	50.4	136	93.0		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	3	55.1	113	106		%	406324	3400

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



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.8	11	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	5.1	11	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.9	11	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	5.1	11	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	3.2	11	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.7	11	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	4.1	11	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	2.2	55	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	11	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.8	11	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	23	55	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.4	11	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	11	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	2.7	11	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.9	11	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.4	11	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.5	11	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	1.3	11	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.8	11	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.3	11	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.7	11	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	2.3	11	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	2.1	11	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	4.3	11	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.4	11	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.4	11	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.2	11	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	1.1	11	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	2.0	11	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	11	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	2.0	11	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.2	11	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	2.3	11	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.9	11	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.95	11	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	4.6	11	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.94	11	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	2.0	11	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.73	5.5	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.84	11	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	2.1	11	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.4	11	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.3	11	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	3.3	11	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.2	11	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.7	11	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.7	11	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.7	11	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.2	11	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.8	11	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	2.0	11	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	11	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.4	11	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	11	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	4.7	11	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.8	11	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.3	11	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	3.1	11	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	3.2	11	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.4		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	96.7		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	129		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/16/11	25	250	248	ND		mg/Kg	406316	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/16/11	25	41.6	125	ND		mg/Kg	406316	3374
Aniline	SW8270C	8/14/11	08/16/11	25	46.5	125	ND		mg/Kg	406316	3374
Phenol	SW8270C	8/14/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3374
2-Chlorophenol	SW8270C	8/14/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	25.1	2500	ND		mg/Kg	406316	3374
Benzyl Alcohol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.0	125	ND		mg/Kg	406316	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/16/11	25	43.9	125	ND		mg/Kg	406316	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/16/11	25	52.5	125	ND		mg/Kg	406316	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/16/11	25	35.3	125	ND		mg/Kg	406316	3374
Hexachloroethane	SW8270C	8/14/11	08/16/11	25	17.6	125	ND		mg/Kg	406316	3374
Nitrobenzene	SW8270C	8/14/11	08/16/11	25	20.0	125	ND		mg/Kg	406316	3374
Isophorone	SW8270C	8/14/11	08/16/11	25	21.8	248	ND		mg/Kg	406316	3374
2-Nitrophenol	SW8270C	8/14/11	08/16/11	25	19.9	248	ND		mg/Kg	406316	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/16/11	25	50.3	2500	ND		mg/Kg	406316	3374
Benzoic Acid	SW8270C	8/14/11	08/16/11	25	2120	125	ND		mg/Kg	406316	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/16/11	25	22.1	125	ND		mg/Kg	406316	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
Naphthalene	SW8270C	8/14/11	08/16/11	25	34.1	125	ND		mg/Kg	406316	3374
4-Chloroaniline	SW8270C	8/14/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/16/11	25	24.8	125	ND		mg/Kg	406316	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/16/11	25	38.6	125	ND		mg/Kg	406316	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/16/11	25	10.5	125	ND		mg/Kg	406316	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/16/11	25	36.0	125	ND		mg/Kg	406316	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/16/11	25	45.8	125	ND		mg/Kg	406316	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/16/11	25	22.5	1240	ND		mg/Kg	406316	3374
2-Nitroaniline	SW8270C	8/14/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/16/11	25	44.6	125	ND		mg/Kg	406316	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	40.0	125	ND		mg/Kg	406316	3374
Acenaphthylene	SW8270C	8/14/11	08/16/11	25	32.3	125	ND		mg/Kg	406316	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	32.5	125	ND		mg/Kg	406316	3374
3-Nitroaniline	SW8270C	8/14/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3374
Acenaphthene	SW8270C	8/14/11	08/16/11	25	36.4	125	ND		mg/Kg	406316	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/16/11	25	11.3	1240	ND		mg/Kg	406316	3374
4-Nitrophenol	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Dibenzofuran	SW8270C	8/14/11	08/16/11	25	29.6	125	ND		mg/Kg	406316	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3374
Diethylphthalate	SW8270C	8/14/11	08/16/11	25	44.3	125	ND		mg/Kg	406316	3374
Fluorene	SW8270C	8/14/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3374
4-Nitroaniline	SW8270C	8/14/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Diphenylamine	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Azobenzene	SW8270C	8/14/11	08/16/11	25	41.3	125	ND		mg/Kg	406316	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/16/11	25	30.8	1240	ND		mg/Kg	406316	3374
Hexachlorobenzene	SW8270C	8/14/11	08/16/11	25	38.3	125	ND		mg/Kg	406316	3374
Pentachlorophenol	SW8270C	8/14/11	08/16/11	25	38.6	1240	ND		mg/Kg	406316	3374
Phenanthrene	SW8270C	8/14/11	08/16/11	25	53.6	125	ND		mg/Kg	406316	3374
Anthracene	SW8270C	8/14/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3374
Carbazole	SW8270C	8/14/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/16/11	25	40.9	638	ND		mg/Kg	406316	3374
Fluoranthene	SW8270C	8/14/11	08/16/11	25	50.1	248	ND		mg/Kg	406316	3374
Benzidine	SW8270C	8/14/11	08/16/11	25	142	1240	ND		mg/Kg	406316	3374
Pyrene	SW8270C	8/14/11	08/16/11	25	55.6	125	ND		mg/Kg	406316	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/16/11	25	33.8	125	ND		mg/Kg	406316	3374
Benz[a]anthracene	SW8270C	8/14/11	08/16/11	25	56.6	125	ND		mg/Kg	406316	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/16/11	25	57.8	125	ND		mg/Kg	406316	3374
Chrysene	SW8270C	8/14/11	08/16/11	25	66.8	125	ND		mg/Kg	406316	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/16/11	25	31.5	125	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-1.0	Lab Sample ID:	1108073-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:10		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/16/11	25	52.1	125	ND		mg/Kg	406316	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/16/11	25	50.3	125	ND		mg/Kg	406316	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/16/11	25	64.1	125	ND		mg/Kg	406316	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/16/11	25	51.0	125	ND		mg/Kg	406316	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/16/11	25	49.5	125	ND		mg/Kg	406316	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/16/11	25	57.4	125	ND		mg/Kg	406316	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/16/11	25	19	122	0.000	S,D	%	406316	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/16/11	25	30	115	0.000	S,D	%	406316	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/16/11	25	25	121	0.000	S,D	%	406316	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/16/11	25	23	120	0.000	S,D	%	406316	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/16/11	25	24	113	0.000	S,D	%	406316	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/16/11	25	18	137	0.000	S,D	%	406316	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	19	110	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	45.6		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	7.67	20	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	16.7	40	720		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	97.9		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	3.8		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	78		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	38		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	17		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	19		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	44		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	24		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	41		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	41		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.25		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	90.2		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	102		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.7	8.5	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.9	8.5	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.0	8.5	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.5	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	43	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	43	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.5	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.5	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.3	8.5	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.83	8.5	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.98	8.5	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.95	8.5	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.5	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.73	8.5	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.6	8.5	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.73	8.5	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.56	4.3	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.65	8.5	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.6	8.5	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.5	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.5	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.96	8.5	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.8	8.5	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.92	8.5	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.5	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.5	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.5	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.5	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.5	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.5	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.6	8.5	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.5	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.8	8.5	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.4	8.5	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	99.8		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	95.3		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	109		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/16/11	20	200	198	ND		mg/Kg	406316	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/16/11	20	33.3	100	ND		mg/Kg	406316	3374
Aniline	SW8270C	8/14/11	08/16/11	20	37.2	100	ND		mg/Kg	406316	3374
Phenol	SW8270C	8/14/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3374
2-Chlorophenol	SW8270C	8/14/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	20.1	2000	ND		mg/Kg	406316	3374
Benzyl Alcohol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/16/11	20	21.6	100	ND		mg/Kg	406316	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/16/11	20	35.1	100	ND		mg/Kg	406316	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/16/11	20	42.0	100	ND		mg/Kg	406316	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/16/11	20	28.2	100	ND		mg/Kg	406316	3374
Hexachloroethane	SW8270C	8/14/11	08/16/11	20	14.1	100	ND		mg/Kg	406316	3374
Nitrobenzene	SW8270C	8/14/11	08/16/11	20	16.0	100	ND		mg/Kg	406316	3374
Isophorone	SW8270C	8/14/11	08/16/11	20	17.4	198	ND		mg/Kg	406316	3374
2-Nitrophenol	SW8270C	8/14/11	08/16/11	20	15.9	198	ND		mg/Kg	406316	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/16/11	20	40.2	2000	ND		mg/Kg	406316	3374
Benzoic Acid	SW8270C	8/14/11	08/16/11	20	1700	100	ND		mg/Kg	406316	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/16/11	20	17.7	100	ND		mg/Kg	406316	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3374
Naphthalene	SW8270C	8/14/11	08/16/11	20	27.3	100	ND		mg/Kg	406316	3374
4-Chloroaniline	SW8270C	8/14/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/16/11	20	19.8	100	ND		mg/Kg	406316	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/16/11	20	30.9	100	ND		mg/Kg	406316	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/16/11	20	8.40	100	ND		mg/Kg	406316	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/16/11	20	28.8	100	ND		mg/Kg	406316	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/16/11	20	36.6	100	ND		mg/Kg	406316	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/16/11	20	18.0	990	ND		mg/Kg	406316	3374
2-Nitroaniline	SW8270C	8/14/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/16/11	20	35.7	100	ND		mg/Kg	406316	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	32.0	100	ND		mg/Kg	406316	3374
Acenaphthylene	SW8270C	8/14/11	08/16/11	20	25.8	100	ND		mg/Kg	406316	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	26.0	100	ND		mg/Kg	406316	3374
3-Nitroaniline	SW8270C	8/14/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3374
Acenaphthene	SW8270C	8/14/11	08/16/11	20	29.1	100	ND		mg/Kg	406316	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/16/11	20	9.00	990	ND		mg/Kg	406316	3374
4-Nitrophenol	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Dibenzofuran	SW8270C	8/14/11	08/16/11	20	23.7	100	ND		mg/Kg	406316	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3374
Diethylphthalate	SW8270C	8/14/11	08/16/11	20	35.4	100	ND		mg/Kg	406316	3374
Fluorene	SW8270C	8/14/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3374
4-Nitroaniline	SW8270C	8/14/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Diphenylamine	SW8270C	8/14/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3374
Azobenzene	SW8270C	8/14/11	08/16/11	20	33.0	100	ND		mg/Kg	406316	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/16/11	20	24.6	990	ND		mg/Kg	406316	3374
Hexachlorobenzene	SW8270C	8/14/11	08/16/11	20	30.6	100	ND		mg/Kg	406316	3374
Pentachlorophenol	SW8270C	8/14/11	08/16/11	20	30.9	990	ND		mg/Kg	406316	3374
Phenanthrene	SW8270C	8/14/11	08/16/11	20	42.9	100	ND		mg/Kg	406316	3374
Anthracene	SW8270C	8/14/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3374
Carbazole	SW8270C	8/14/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/16/11	20	32.7	510	ND		mg/Kg	406316	3374
Fluoranthene	SW8270C	8/14/11	08/16/11	20	40.1	198	ND		mg/Kg	406316	3374
Benzidine	SW8270C	8/14/11	08/16/11	20	113	990	ND		mg/Kg	406316	3374
Pyrene	SW8270C	8/14/11	08/16/11	20	44.5	100	ND		mg/Kg	406316	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/16/11	20	27.0	100	ND		mg/Kg	406316	3374
Benz[a]anthracene	SW8270C	8/14/11	08/16/11	20	45.3	100	ND		mg/Kg	406316	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/16/11	20	46.2	100	ND		mg/Kg	406316	3374
Chrysene	SW8270C	8/14/11	08/16/11	20	53.4	100	ND		mg/Kg	406316	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/16/11	20	25.2	100	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-3.0	Lab Sample ID:	1108073-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 15:15		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/16/11	20	41.7	100	ND		mg/Kg	406316	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/16/11	20	40.2	100	ND		mg/Kg	406316	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/16/11	20	51.3	100	ND		mg/Kg	406316	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/16/11	20	40.8	100	ND		mg/Kg	406316	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/16/11	20	39.6	100	ND		mg/Kg	406316	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/16/11	20	45.9	100	ND		mg/Kg	406316	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/16/11	20	19	122	0.000	S,D	%	406316	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/16/11	20	30	115	0.000	S,D	%	406316	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/16/11	20	25	121	0.000	S,D	%	406316	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/16/11	20	23	120	0.000	S,D	%	406316	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/16/11	20	24	113	0.000	S,D	%	406316	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/16/11	20	18	137	0.000	S,D	%	406316	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	14	85	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	56.1		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	3.83	10	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	8.33	20	270		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	95.4		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	ND		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	37		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	23		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.0		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	2.1		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	14		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	17		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	12		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/16/11	08/16/11	1	0.44	2.0	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	1	0.40	2.0	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	1	0.36	2.0	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	1	0.49	2.0	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	1	1.1	2.0	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	1	0.44	2.0	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	1	0.32	2.0	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	1	0.42	2.0	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	1	0.36	2.0	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	1	0.59	2.0	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	1	0.48	2.0	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	1	0.43	2.0	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	1	0.57	2.0	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	1	0.47	2.0	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	1	1.5	2.0	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	1	0.81	2.0	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	1	1.0	2.0	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	1	0.49	2.0	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	1	0.62	5.0	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	1	0.40	2.0	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	1	10	20	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	1	10	100	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	1	52.5	139	63.9		%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	1	50.2	139	58.7		%	406314	3401



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	93.6		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	103		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.8	8.6	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.0	8.6	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.3	8.6	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.0	8.6	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.5	8.6	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.6	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.6	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	43	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.96	8.6	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.6	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	43	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.6	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.6	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.6	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.6	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.6	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.6	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	1.0	8.6	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.6	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.0	8.6	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.6	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.6	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.6	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.6	8.6	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.3	8.6	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.6	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.6	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.96	8.6	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.6	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.84	8.6	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.6	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.99	8.6	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.6	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.96	8.6	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.6	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.6	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.74	8.6	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.6	8.6	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.74	8.6	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.6	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.57	4.3	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.66	8.6	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.6	8.6	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.6	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.6	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.6	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.6	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.97	8.6	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.9	8.6	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.6	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.6	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.6	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.93	8.6	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.6	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.6	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.6	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.6	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.6	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.6	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.6	8.6	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.6	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.8	8.6	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.4	8.6	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.5	8.6	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	99.7		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	90.6		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	109		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosdimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-1.0	Lab Sample ID:	1108073-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	49.0		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	59.3		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	65.3		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	60.5		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	73.3		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	58.8		%	406315	3374

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	15	86	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	68.9		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	ND		mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	12		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	108		mg/Kg	406319	3398



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	1.8		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	28		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	45		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	5.4		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	5.5		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.0		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	31		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	30		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	19		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	1	0.0230	0.10	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	1	0.0920	0.20	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	1	0.0460	0.10	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	1	0.0430	0.10	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	1	0.0360	0.10	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	1	0.0240	0.10	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	1	0.0270	0.10	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	1	50.4	136	79.5		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	1	55.1	113	90.5		%	406324	3400



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.3	7.6	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.6	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.6	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.5	7.6	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	2.8	7.6	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	38	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.6	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	38	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.97	7.6	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	1.8	7.6	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	7.6	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.94	7.6	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	0.92	7.6	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.92	7.6	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	2.9	7.6	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.99	7.6	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.75	7.6	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.88	7.6	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.6	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.66	7.6	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.6	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.65	7.6	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.50	3.8	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.58	7.6	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.94	7.6	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.90	7.6	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.6	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.86	7.6	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.5	7.6	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.83	7.6	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.6	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.2	7.6	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	1.9	7.6	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	88.8		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	87.6		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	101		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0	Lab Sample ID:	1108073-026A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	54.4		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	67.1		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	67.5		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	63.5		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	73.3		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	72.4		%	406315	3374

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	76	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	68.0		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/16/11	08/17/11	1	0.759	2.0	2.4	x	mg/Kg	406319	3398
TPH as Motor Oil	SW8015B(M)	8/16/11	08/17/11	1	1.65	4.0	4.8		mg/Kg	406319	3398
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	59.7	129	107		mg/Kg	406319	3398

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406266	3388
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	4.3		mg/Kg	406266	3388
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	94		mg/Kg	406266	3388
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406266	3388
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406266	3388
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	30		mg/Kg	406266	3388
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	7.0		mg/Kg	406266	3388
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	19		mg/Kg	406266	3388
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	53		mg/Kg	406266	3388
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406266	3388
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	33		mg/Kg	406266	3388
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406266	3388
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406266	3388
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406266	3388
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	29		mg/Kg	406266	3388
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	58		mg/Kg	406266	3388

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406269	3392



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
gamma-BHC	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
beta-BHC	SW8081A	8/16/11	08/16/11	40	15	80	ND		ug/Kg	406314	3401
delta-BHC	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Heptachlor	SW8081A	8/16/11	08/16/11	40	44	80	ND		ug/Kg	406314	3401
Aldrin	SW8081A	8/16/11	08/16/11	40	18	80	ND		ug/Kg	406314	3401
Heptachlor epoxide	SW8081A	8/16/11	08/16/11	40	13	80	ND		ug/Kg	406314	3401
gamma-Chlordane	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
alpha-Chlordane	SW8081A	8/16/11	08/16/11	40	14	80	ND		ug/Kg	406314	3401
Endosulfan I	SW8081A	8/16/11	08/16/11	40	24	80	ND		ug/Kg	406314	3401
4,4'-DDE	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Dieldrin	SW8081A	8/16/11	08/16/11	40	17	80	ND		ug/Kg	406314	3401
Endrin	SW8081A	8/16/11	08/16/11	40	23	80	ND		ug/Kg	406314	3401
4,4'-DDD	SW8081A	8/16/11	08/16/11	40	19	80	ND		ug/Kg	406314	3401
Endosulfan II	SW8081A	8/16/11	08/16/11	40	61	80	ND		ug/Kg	406314	3401
4,4'-DDT	SW8081A	8/16/11	08/16/11	40	32	80	ND		ug/Kg	406314	3401
Endrin aldehyde	SW8081A	8/16/11	08/16/11	40	41	80	ND		ug/Kg	406314	3401
Endosulfan sulfate	SW8081A	8/16/11	08/16/11	40	20	80	ND		ug/Kg	406314	3401
Methoxychlor	SW8081A	8/16/11	08/16/11	40	25	200	ND		ug/Kg	406314	3401
Endrin Ketone	SW8081A	8/16/11	08/16/11	40	16	80	ND		ug/Kg	406314	3401
Chlordane	SW8081A	8/16/11	08/16/11	40	400	800	ND		ug/Kg	406314	3401
Toxaphene	SW8081A	8/16/11	08/16/11	40	400	4000	ND		ug/Kg	406314	3401
TCMX (S)	SW8081A	8/16/11	08/16/11	40	52.5	139	0.000	S,D	%	406314	3401
DCBP (S)	SW8081A	8/16/11	08/16/11	40	50.2	139	0.000	S,D	%	406314	3401

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (dark color extract).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/16/11	08/17/11	5	0.115	0.50	ND		mg/Kg	406324	3400
Aroclor1221	SW8082	8/16/11	08/17/11	5	0.460	1.0	ND		mg/Kg	406324	3400
Aroclor1232	SW8082	8/16/11	08/17/11	5	0.230	0.50	ND		mg/Kg	406324	3400
Aroclor1242	SW8082	8/16/11	08/17/11	5	0.215	0.50	ND		mg/Kg	406324	3400
Aroclor1248	SW8082	8/16/11	08/17/11	5	0.180	0.50	ND		mg/Kg	406324	3400
Aroclor1254	SW8082	8/16/11	08/17/11	5	0.120	0.50	ND		mg/Kg	406324	3400
Aroclor1260	SW8082	8/16/11	08/17/11	5	0.135	0.50	ND		mg/Kg	406324	3400
TCMX (S)	SW8082	8/16/11	08/17/11	5	50.4	136	86.5		%	406324	3400
DCBP (S)	SW8082	8/16/11	08/17/11	5	55.1	113	107		%	406324	3400

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



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.5	8.1	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.7	8.1	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.8	8.1	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	3.0	8.1	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.6	41	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	17	41	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	2.0	8.1	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.9	8.1	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	0.99	8.1	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.98	8.1	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.1	8.1	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.90	8.1	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.80	8.1	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.93	8.1	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	8.1	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.70	8.1	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.69	8.1	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.54	4.1	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.62	8.1	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.0	8.1	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.96	8.1	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.4	8.1	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.91	8.1	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.7	8.1	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.88	8.1	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	8.1	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	8.1	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.1	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.8	8.1	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.1	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.4	8.1	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.1	8.1	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	8.1	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.3	8.1	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	96.5		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	97.9		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	129		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/14/11	08/16/11	25	250	248	ND		mg/Kg	406316	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/16/11	25	41.6	125	ND		mg/Kg	406316	3374
Aniline	SW8270C	8/14/11	08/16/11	25	46.5	125	ND		mg/Kg	406316	3374
Phenol	SW8270C	8/14/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3374
2-Chlorophenol	SW8270C	8/14/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	25.1	2500	ND		mg/Kg	406316	3374
Benzyl Alcohol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.0	125	ND		mg/Kg	406316	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/16/11	25	43.9	125	ND		mg/Kg	406316	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/16/11	25	52.5	125	ND		mg/Kg	406316	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/16/11	25	35.3	125	ND		mg/Kg	406316	3374
Hexachloroethane	SW8270C	8/14/11	08/16/11	25	17.6	125	ND		mg/Kg	406316	3374
Nitrobenzene	SW8270C	8/14/11	08/16/11	25	20.0	125	ND		mg/Kg	406316	3374
Isophorone	SW8270C	8/14/11	08/16/11	25	21.8	248	ND		mg/Kg	406316	3374
2-Nitrophenol	SW8270C	8/14/11	08/16/11	25	19.9	248	ND		mg/Kg	406316	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/16/11	25	50.3	2500	ND		mg/Kg	406316	3374
Benzoic Acid	SW8270C	8/14/11	08/16/11	25	2120	125	ND		mg/Kg	406316	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/16/11	25	22.1	125	ND		mg/Kg	406316	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3374
Naphthalene	SW8270C	8/14/11	08/16/11	25	34.1	125	ND		mg/Kg	406316	3374
4-Chloroaniline	SW8270C	8/14/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/16/11	25	24.8	125	ND		mg/Kg	406316	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/16/11	25	38.6	125	ND		mg/Kg	406316	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/16/11	25	10.5	125	ND		mg/Kg	406316	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/16/11	25	36.0	125	ND		mg/Kg	406316	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/16/11	25	45.8	125	ND		mg/Kg	406316	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/16/11	25	22.5	1240	ND		mg/Kg	406316	3374
2-Nitroaniline	SW8270C	8/14/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/14/11	08/16/11	25	44.6	125	ND		mg/Kg	406316	3374
1,3-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	40.0	125	ND		mg/Kg	406316	3374
Acenaphthylene	SW8270C	8/14/11	08/16/11	25	32.3	125	ND		mg/Kg	406316	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	32.5	125	ND		mg/Kg	406316	3374
3-Nitroaniline	SW8270C	8/14/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3374
Acenaphthene	SW8270C	8/14/11	08/16/11	25	36.4	125	ND		mg/Kg	406316	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/16/11	25	11.3	1240	ND		mg/Kg	406316	3374
4-Nitrophenol	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Dibenzofuran	SW8270C	8/14/11	08/16/11	25	29.6	125	ND		mg/Kg	406316	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3374
Diethylphthalate	SW8270C	8/14/11	08/16/11	25	44.3	125	ND		mg/Kg	406316	3374
Fluorene	SW8270C	8/14/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3374
4-Nitroaniline	SW8270C	8/14/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Diphenylamine	SW8270C	8/14/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3374
Azobenzene	SW8270C	8/14/11	08/16/11	25	41.3	125	ND		mg/Kg	406316	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/16/11	25	30.8	1240	ND		mg/Kg	406316	3374
Hexachlorobenzene	SW8270C	8/14/11	08/16/11	25	38.3	125	ND		mg/Kg	406316	3374
Pentachlorophenol	SW8270C	8/14/11	08/16/11	25	38.6	1240	ND		mg/Kg	406316	3374
Phenanthrene	SW8270C	8/14/11	08/16/11	25	53.6	125	ND		mg/Kg	406316	3374
Anthracene	SW8270C	8/14/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3374
Carbazole	SW8270C	8/14/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/16/11	25	40.9	638	ND		mg/Kg	406316	3374
Fluoranthene	SW8270C	8/14/11	08/16/11	25	50.1	248	ND		mg/Kg	406316	3374
Benzidine	SW8270C	8/14/11	08/16/11	25	142	1240	ND		mg/Kg	406316	3374
Pyrene	SW8270C	8/14/11	08/16/11	25	55.6	125	ND		mg/Kg	406316	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/16/11	25	33.8	125	ND		mg/Kg	406316	3374
Benz[a]anthracene	SW8270C	8/14/11	08/16/11	25	56.6	125	ND		mg/Kg	406316	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/16/11	25	57.8	125	ND		mg/Kg	406316	3374
Chrysene	SW8270C	8/14/11	08/16/11	25	66.8	125	ND		mg/Kg	406316	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/16/11	25	31.5	125	ND		mg/Kg	406316	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-1.0	Lab Sample ID:	1108073-028A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/14/11	08/16/11	25	52.1	125	ND		mg/Kg	406316	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/16/11	25	50.3	125	ND		mg/Kg	406316	3374
Benzo[k]fluoranthene	SW8270C	8/14/11	08/16/11	25	64.1	125	ND		mg/Kg	406316	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/16/11	25	51.0	125	ND		mg/Kg	406316	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/16/11	25	49.5	125	ND		mg/Kg	406316	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/16/11	25	57.4	125	ND		mg/Kg	406316	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/16/11	25	19	122	0.000	S,D	%	406316	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/16/11	25	30	115	0.000	S,D	%	406316	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/16/11	25	25	121	0.000	S,D	%	406316	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/16/11	25	23	120	0.000	S,D	%	406316	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/16/11	25	24	113	0.000	S,D	%	406316	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/16/11	25	18	137	0.000	S,D	%	406316	3374

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	14	81	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	45.0		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	7.59	20	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	16.5	40	960		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	96.2		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.5		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	55		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	49		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.2		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	6.7		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	3.5		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	37		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	37		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	21		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	92.1		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	99.1		%	406326	3419



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/18/11	1	3.3	7.6	ND		ug/Kg	406330	NA
Chloromethane	SW8260B	NA	08/18/11	1	3.5	7.6	ND		ug/Kg	406330	NA
Vinyl Chloride	SW8260B	NA	08/18/11	1	2.0	7.6	ND		ug/Kg	406330	NA
Bromomethane	SW8260B	NA	08/18/11	1	3.5	7.6	ND		ug/Kg	406330	NA
Trichlorofluoromethane	SW8260B	NA	08/18/11	1	2.2	7.6	ND		ug/Kg	406330	NA
1,1-Dichloroethene	SW8260B	NA	08/18/11	1	1.2	7.6	ND		ug/Kg	406330	NA
Freon 113	SW8260B	NA	08/18/11	1	2.8	7.6	ND		ug/Kg	406330	NA
Methylene Chloride	SW8260B	NA	08/18/11	1	1.5	38	ND		ug/Kg	406330	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/18/11	1	0.85	7.6	ND		ug/Kg	406330	NA
MTBE	SW8260B	NA	08/18/11	1	2.0	7.6	ND		ug/Kg	406330	NA
tert-Butanol	SW8260B	NA	08/18/11	1	16	38	ND		ug/Kg	406330	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/18/11	1	1.7	7.6	ND		ug/Kg	406330	NA
1,1-Dichloroethane	SW8260B	NA	08/18/11	1	0.97	7.6	ND		ug/Kg	406330	NA
ETBE	SW8260B	NA	08/18/11	1	1.8	7.6	ND		ug/Kg	406330	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/18/11	1	1.3	7.6	ND		ug/Kg	406330	NA
2,2-Dichloropropane	SW8260B	NA	08/18/11	1	0.94	7.6	ND		ug/Kg	406330	NA
Bromochloromethane	SW8260B	NA	08/18/11	1	1.7	7.6	ND		ug/Kg	406330	NA
Chloroform	SW8260B	NA	08/18/11	1	0.92	7.6	ND		ug/Kg	406330	NA
Carbon Tetrachloride	SW8260B	NA	08/18/11	1	1.2	7.6	ND		ug/Kg	406330	NA
1,1,1-Trichloroethane	SW8260B	NA	08/18/11	1	0.92	7.6	ND		ug/Kg	406330	NA
1,1-Dichloropropene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
Benzene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
TAME	SW8260B	NA	08/18/11	1	1.6	7.6	ND		ug/Kg	406330	NA
1,2-Dichloroethane	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
Trichloroethylene	SW8260B	NA	08/18/11	1	2.9	7.6	ND		ug/Kg	406330	NA
Dibromomethane	SW8260B	NA	08/18/11	1	1.7	7.6	ND		ug/Kg	406330	NA
1,2-Dichloropropane	SW8260B	NA	08/18/11	1	0.99	7.6	ND		ug/Kg	406330	NA
Bromodichloromethane	SW8260B	NA	08/18/11	1	0.85	7.6	ND		ug/Kg	406330	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
Toluene	SW8260B	NA	08/18/11	1	0.75	7.6	ND		ug/Kg	406330	NA
Tetrachloroethylene	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/18/11	1	0.88	7.6	ND		ug/Kg	406330	NA
1,1,2-Trichloroethane	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
Dibromochloromethane	SW8260B	NA	08/18/11	1	0.85	7.6	ND		ug/Kg	406330	NA
1,3-Dichloropropane	SW8260B	NA	08/18/11	1	1.6	7.6	ND		ug/Kg	406330	NA
1,2-Dibromoethane	SW8260B	NA	08/18/11	1	1.3	7.6	ND		ug/Kg	406330	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/18/11	1	0.66	7.6	ND		ug/Kg	406330	NA
Chlorobenzene	SW8260B	NA	08/18/11	1	3.2	7.6	ND		ug/Kg	406330	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/18/11	1	0.65	7.6	ND		ug/Kg	406330	NA
m,p-Xylene	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
o-Xylene	SW8260B	NA	08/18/11	1	0.50	3.8	ND		ug/Kg	406330	NA
Styrene	SW8260B	NA	08/18/11	1	0.58	7.6	ND		ug/Kg	406330	NA
Bromoform	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
Isopropyl Benzene	SW8260B	NA	08/18/11	1	0.94	7.6	ND		ug/Kg	406330	NA
n-Propylbenzene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
Bromobenzene	SW8260B	NA	08/18/11	1	0.90	7.6	ND		ug/Kg	406330	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/18/11	1	2.3	7.6	ND		ug/Kg	406330	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/18/11	1	0.86	7.6	ND		ug/Kg	406330	NA
1,2,3-Trichloropropane	SW8260B	NA	08/18/11	1	2.5	7.6	ND		ug/Kg	406330	NA
4-Chlorotoluene	SW8260B	NA	08/18/11	1	1.2	7.6	ND		ug/Kg	406330	NA
2-Chlorotoluene	SW8260B	NA	08/18/11	1	1.2	7.6	ND		ug/Kg	406330	NA
tert-Butylbenzene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/18/11	1	0.83	7.6	ND		ug/Kg	406330	NA
sec-Butyl Benzene	SW8260B	NA	08/18/11	1	1.2	7.6	ND		ug/Kg	406330	NA
p-Isopropyltoluene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
1,3-Dichlorobenzene	SW8260B	NA	08/18/11	1	1.4	7.6	ND		ug/Kg	406330	NA
1,4-Dichlorobenzene	SW8260B	NA	08/18/11	1	1.1	7.6	ND		ug/Kg	406330	NA
n-Butylbenzene	SW8260B	NA	08/18/11	1	1.7	7.6	ND		ug/Kg	406330	NA
1,2-Dichlorobenzene	SW8260B	NA	08/18/11	1	1.0	7.6	ND		ug/Kg	406330	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/18/11	1	3.2	7.6	ND		ug/Kg	406330	NA
Hexachlorobutadiene	SW8260B	NA	08/18/11	1	1.9	7.6	ND		ug/Kg	406330	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/18/11	1	1.6	7.6	ND		ug/Kg	406330	NA
Naphthalene	SW8260B	NA	08/18/11	1	2.2	7.6	ND		ug/Kg	406330	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/18/11	1	2.2	7.6	ND		ug/Kg	406330	NA
(S) Dibromofluoromethane	SW8260B	NA	08/18/11	1	59.8	148	86.0		%	406330	NA
(S) Toluene-d8	SW8260B	NA	08/18/11	1	55.2	133	82.0		%	406330	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/18/11	1	55.8	141	98.0		%	406330	NA

NOTE: Final results and PQL (Reporting Limit) have been corrected for actual mass from pre-tarred 5035 VOAs.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/14/11	08/15/11	1	0.660	0.653	ND		mg/Kg	406315	3374
N-Nitrosodimethylamine	SW8270C	8/14/11	08/15/11	1	0.110	0.330	ND		mg/Kg	406315	3374
Aniline	SW8270C	8/14/11	08/15/11	1	0.123	0.330	ND		mg/Kg	406315	3374
Phenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroethyl) ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
2-Chlorophenol	SW8270C	8/14/11	08/15/11	1	0.129	0.330	ND		mg/Kg	406315	3374
1,3-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
1,4-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0663	6.59	ND		mg/Kg	406315	3374
Benzyl Alcohol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2-Dichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0713	0.330	ND		mg/Kg	406315	3374
2-Methylphenol (o-Cresol)	SW8270C	8/14/11	08/15/11	1	0.116	0.330	ND		mg/Kg	406315	3374
Bis(2-chloroisopropyl)ether	SW8270C	8/14/11	08/15/11	1	0.0683	0.330	ND		mg/Kg	406315	3374
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/14/11	08/15/11	1	0.139	0.330	ND		mg/Kg	406315	3374
N-nitroso-di-n-propylamine	SW8270C	8/14/11	08/15/11	1	0.0931	0.330	ND		mg/Kg	406315	3374
Hexachloroethane	SW8270C	8/14/11	08/15/11	1	0.0465	0.330	ND		mg/Kg	406315	3374
Nitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0528	0.330	ND		mg/Kg	406315	3374
Isophorone	SW8270C	8/14/11	08/15/11	1	0.0574	0.653	ND		mg/Kg	406315	3374
2-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0525	0.653	ND		mg/Kg	406315	3374
2,4-Dimethylphenol	SW8270C	8/14/11	08/15/11	1	0.133	6.59	ND		mg/Kg	406315	3374
Benzoic Acid	SW8270C	8/14/11	08/15/11	1	5.59	0.330	ND		mg/Kg	406315	3374
Bis(2-Chloroethoxy)methane	SW8270C	8/14/11	08/15/11	1	0.0584	0.330	ND		mg/Kg	406315	3374
2,4-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
1,2,4-Trichlorobenzene	SW8270C	8/14/11	08/15/11	1	0.0733	0.330	ND		mg/Kg	406315	3374
2,6-Dichlorophenol	SW8270C	8/14/11	08/15/11	1	0.104	0.330	ND		mg/Kg	406315	3374
Naphthalene	SW8270C	8/14/11	08/15/11	1	0.0901	0.330	ND		mg/Kg	406315	3374
4-Chloroaniline	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
Hexachloro-1,3-butadiene	SW8270C	8/14/11	08/15/11	1	0.0653	0.330	ND		mg/Kg	406315	3374
4-Chloro-3-methylphenol	SW8270C	8/14/11	08/15/11	1	0.102	0.330	ND		mg/Kg	406315	3374
2-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
1-Methylnaphthalene	SW8270C	8/14/11	08/15/11	1	0.0792	0.330	ND		mg/Kg	406315	3374
Hexachlorocyclopentadiene	SW8270C	8/14/11	08/15/11	1	0.0277	0.330	ND		mg/Kg	406315	3374
2,4,6-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.0950	0.330	ND		mg/Kg	406315	3374
2,4,5-Trichlorophenol	SW8270C	8/14/11	08/15/11	1	0.121	0.330	ND		mg/Kg	406315	3374
2-Chloronaphthalene	SW8270C	8/14/11	08/15/11	1	0.0594	3.27	ND		mg/Kg	406315	3374
2-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Dimethyl phthalate	SW8270C	8/14/11	08/15/11	1	0.118	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.106	0.330	ND		mg/Kg	406315	3374
Acenaphthylene	SW8270C	8/14/11	08/15/11	1	0.0851	0.330	ND		mg/Kg	406315	3374
2,6-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
1,2-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.0858	0.330	ND		mg/Kg	406315	3374
3-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0693	0.330	ND		mg/Kg	406315	3374
Acenaphthene	SW8270C	8/14/11	08/15/11	1	0.0960	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrophenol	SW8270C	8/14/11	08/15/11	1	0.0297	3.27	ND		mg/Kg	406315	3374
4-Nitrophenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Dibenzofuran	SW8270C	8/14/11	08/15/11	1	0.0782	0.330	ND		mg/Kg	406315	3374
2,4-Dinitrotoluene	SW8270C	8/14/11	08/15/11	1	0.0267	0.330	ND		mg/Kg	406315	3374
2,3,5,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
2,3,4,6-Tetrachlorophenol	SW8270C	8/14/11	08/15/11	1	0.119	0.330	ND		mg/Kg	406315	3374
Diethylphthalate	SW8270C	8/14/11	08/15/11	1	0.117	0.330	ND		mg/Kg	406315	3374
Fluorene	SW8270C	8/14/11	08/15/11	1	0.0990	0.330	ND		mg/Kg	406315	3374
4-Chlorophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4-Nitroaniline	SW8270C	8/14/11	08/15/11	1	0.0802	0.330	ND		mg/Kg	406315	3374
4,6-Dinitro-2-methylphenol	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Diphenylamine	SW8270C	8/14/11	08/15/11	1	0.0663	0.330	ND		mg/Kg	406315	3374
Azobenzene	SW8270C	8/14/11	08/15/11	1	0.109	0.330	ND		mg/Kg	406315	3374
4-Bromophenyl phenyl ether	SW8270C	8/14/11	08/15/11	1	0.0812	3.27	ND		mg/Kg	406315	3374
Hexachlorobenzene	SW8270C	8/14/11	08/15/11	1	0.101	0.330	ND		mg/Kg	406315	3374
Pentachlorophenol	SW8270C	8/14/11	08/15/11	1	0.102	3.27	ND		mg/Kg	406315	3374
Phenanthrene	SW8270C	8/14/11	08/15/11	1	0.142	0.330	ND		mg/Kg	406315	3374
Anthracene	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Carbazole	SW8270C	8/14/11	08/15/11	1	0.132	0.330	ND		mg/Kg	406315	3374
Di-n-butylphthalate	SW8270C	8/14/11	08/15/11	1	0.108	1.68	ND		mg/Kg	406315	3374
Fluoranthene	SW8270C	8/14/11	08/15/11	1	0.132	0.653	ND		mg/Kg	406315	3374
Benidine	SW8270C	8/14/11	08/15/11	1	0.374	3.27	ND		mg/Kg	406315	3374
Pyrene	SW8270C	8/14/11	08/15/11	1	0.147	0.330	ND		mg/Kg	406315	3374
Benzyl butyl phthalate	SW8270C	8/14/11	08/15/11	1	0.0891	0.330	ND		mg/Kg	406315	3374
Benz[a]anthracene	SW8270C	8/14/11	08/15/11	1	0.149	0.330	ND		mg/Kg	406315	3374
3,3'-Dichlorobenzidine	SW8270C	8/14/11	08/15/11	1	0.152	0.330	ND		mg/Kg	406315	3374
Chrysene	SW8270C	8/14/11	08/15/11	1	0.176	0.330	ND		mg/Kg	406315	3374
Bis(2-Ethylhexyl)phthalate	SW8270C	8/14/11	08/15/11	1	0.0832	0.330	ND		mg/Kg	406315	3374
Di-n-octyl phthalate	SW8270C	8/14/11	08/15/11	1	0.138	0.330	ND		mg/Kg	406315	3374
Benzo[b]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.133	0.330	ND		mg/Kg	406315	3374



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-5.0	Lab Sample ID:	1108073-029A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/14/11	08/15/11	1	0.169	0.330	ND		mg/Kg	406315	3374
Benzo[a]pyrene	SW8270C	8/14/11	08/15/11	1	0.135	0.330	ND		mg/Kg	406315	3374
Indeno[1,2,3-cd]pyrene	SW8270C	8/14/11	08/15/11	1	0.131	0.330	ND		mg/Kg	406315	3374
Dibenz[a,h]anthracene	SW8270C	8/14/11	08/15/11	1	0.151	0.330	ND		mg/Kg	406315	3374
Benzo[g,h,i]perylene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
1,4-Dinitrobenzene	SW8270C	8/14/11	08/15/11	1	0.150	0.330	ND		mg/Kg	406315	3374
2,4,6-Tribromophenol (S)	SW8270C	8/14/11	08/15/11	1	19	122	55.3		%	406315	3374
2-Fluorobiphenyl (S)	SW8270C	8/14/11	08/15/11	1	30	115	69.1		%	406315	3374
2-Fluorophenol (S)	SW8270C	8/14/11	08/15/11	1	25	121	60.5		%	406315	3374
Nitrobenzene-d5 (S)	SW8270C	8/14/11	08/15/11	1	23	120	64.6		%	406315	3374
Phenol-d6 (S)	SW8270C	8/14/11	08/15/11	1	24	113	73.8		%	406315	3374
p-Terphenyl-d14 (S)	SW8270C	8/14/11	08/15/11	1	18	137	64.2		%	406315	3374

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/18/11	08/18/11	1	13	76	ND		ug/Kg	406330	3427
(S) 4-Bromofluorobenzene	8260TPH	8/18/11	08/18/11	1	43.9	127	87.1		%	406330	3427

NOTE: Final results and PQL (Reporting Limit) have been corrected for actual mass from pre-tarred 5035 VOAs.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	ND		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	104		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0 D	Lab Sample ID:	1108073-031A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.3	7.6	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.6	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.6	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.5	7.6	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	2.8	7.6	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	38	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.6	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	38	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.97	7.6	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	1.8	7.6	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	7.6	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.94	7.6	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	0.92	7.6	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.92	7.6	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	2.9	7.6	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.99	7.6	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.75	7.6	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.88	7.6	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.85	7.6	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.6	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-1.0 D	Lab Sample ID:	1108073-031A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.66	7.6	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.6	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.65	7.6	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.50	3.8	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.58	7.6	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.94	7.6	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.90	7.6	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.6	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.86	7.6	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.5	7.6	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.83	7.6	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.2	7.6	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.6	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	7.6	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.6	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.6	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.2	7.6	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	1.9	7.6	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.6	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.6	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	99.5		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	84.8		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	102		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-12-1.0 D	Lab Sample ID:	1108073-031A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 10:40		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	76	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	77.8		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.5		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	43		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	30		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.2		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	ND		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	2.4		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	29		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	22		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	16		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	95.0		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	106		%	406326	3419



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.2	7.3	ND		ug/Kg	406301	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.4	7.3	ND		ug/Kg	406301	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	1.9	7.3	ND		ug/Kg	406301	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.4	7.3	ND		ug/Kg	406301	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.1	7.3	ND		ug/Kg	406301	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.1	7.3	ND		ug/Kg	406301	NA
Freon 113	SW8260B	NA	08/15/11	1	2.7	7.3	ND		ug/Kg	406301	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.4	37	ND		ug/Kg	406301	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.81	7.3	ND		ug/Kg	406301	NA
MTBE	SW8260B	NA	08/15/11	1	1.9	7.3	ND		ug/Kg	406301	NA
tert-Butanol	SW8260B	NA	08/15/11	1	15	37	ND		ug/Kg	406301	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.6	7.3	ND		ug/Kg	406301	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.93	7.3	ND		ug/Kg	406301	NA
ETBE	SW8260B	NA	08/15/11	1	1.8	7.3	ND		ug/Kg	406301	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	7.3	ND		ug/Kg	406301	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.90	7.3	ND		ug/Kg	406301	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.7	7.3	ND		ug/Kg	406301	NA
Chloroform	SW8260B	NA	08/15/11	1	0.89	7.3	ND		ug/Kg	406301	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.3	ND		ug/Kg	406301	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.89	7.3	ND		ug/Kg	406301	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.3	ND		ug/Kg	406301	NA
Benzene	SW8260B	NA	08/15/11	1	1.1	7.3	ND		ug/Kg	406301	NA
TAME	SW8260B	NA	08/15/11	1	1.5	7.3	ND		ug/Kg	406301	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	7.3	ND		ug/Kg	406301	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	2.8	7.3	ND		ug/Kg	406301	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.6	7.3	ND		ug/Kg	406301	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.95	7.3	ND		ug/Kg	406301	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.82	7.3	ND		ug/Kg	406301	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	7.3	ND		ug/Kg	406301	NA
Toluene	SW8260B	NA	08/15/11	1	0.72	7.3	ND		ug/Kg	406301	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.3	7.3	ND		ug/Kg	406301	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.84	7.3	ND		ug/Kg	406301	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.3	7.3	ND		ug/Kg	406301	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.82	7.3	ND		ug/Kg	406301	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.5	7.3	ND		ug/Kg	406301	NA
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.3	ND		ug/Kg	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.63	7.3	ND		ug/Kg	406301	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.1	7.3	ND		ug/Kg	406301	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.63	7.3	ND		ug/Kg	406301	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.3	ND		ug/Kg	406301	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.48	3.7	ND		ug/Kg	406301	NA
Styrene	SW8260B	NA	08/15/11	1	0.56	7.3	ND		ug/Kg	406301	NA
Bromoform	SW8260B	NA	08/15/11	1	1.4	7.3	ND		ug/Kg	406301	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.91	7.3	ND		ug/Kg	406301	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.0	7.3	ND		ug/Kg	406301	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.87	7.3	ND		ug/Kg	406301	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.2	7.3	ND		ug/Kg	406301	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.82	7.3	ND		ug/Kg	406301	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.4	7.3	ND		ug/Kg	406301	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.3	ND		ug/Kg	406301	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.3	ND		ug/Kg	406301	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.0	7.3	ND		ug/Kg	406301	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.79	7.3	ND		ug/Kg	406301	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.2	7.3	ND		ug/Kg	406301	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.3	ND		ug/Kg	406301	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	7.3	ND		ug/Kg	406301	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	7.3	ND		ug/Kg	406301	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.6	7.3	ND		ug/Kg	406301	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	0.96	7.3	ND		ug/Kg	406301	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.1	7.3	ND		ug/Kg	406301	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	1.9	7.3	ND		ug/Kg	406301	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.3	ND		ug/Kg	406301	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.1	7.3	ND		ug/Kg	406301	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.1	7.3	ND		ug/Kg	406301	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	101		%	406301	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	81.7		%	406301	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	98.3		%	406301	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-5.0 D	Lab Sample ID:	1108073-032A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	29.8		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	54.5		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	40.8		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	51.1		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	41.5		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	49.9		%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	12	73	ND		ug/Kg	406301	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	75.0		%	406301	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	ND		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	109		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-GW	Lab Sample ID:	1108073-033A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-GW	Lab Sample ID:	1108073-033A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	90.0		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	91.5		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	90.6		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-1-GW	Lab Sample ID:	1108073-033A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	ND		ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	80.2		%	406320	3422



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-1-GW	Lab Sample ID:	1108073-033B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	79.5		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-1-GW	Lab Sample ID:	1108073-033C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 9:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.035		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.027		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.012		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GW	Lab Sample ID:	1108073-034A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GW	Lab Sample ID:	1108073-034A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	93.9		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	91.5		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	88.3		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-12-GW	Lab Sample ID:	1108073-034A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	ND		ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	81.0		%	406320	3422



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GW	Lab Sample ID:	1108073-034B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	79.9		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GW	Lab Sample ID:	1108073-034C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.022		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.012		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.040		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.019		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GWD	Lab Sample ID:	1108073-035A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GWD	Lab Sample ID:	1108073-035A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	92.5		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	90.7		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	86.6		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GWD	Lab Sample ID:	1108073-035A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	ND		ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	70.0		%	406320	3422



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-12-GWD	Lab Sample ID:	1108073-035B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	76.9		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-GW	Lab Sample ID:	1108073-036A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-GW	Lab Sample ID:	1108073-036A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	45		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	110		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	17		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	6.1		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	21		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	26		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	52		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	4.6		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	12		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	93.5		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	92.1		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	90.1		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-GW	Lab Sample ID:	1108073-036A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	1300	x	ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	83.2		%	406320	3422

NOTE: x - Does not match pattern of reference Gasoline standard. Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons to the C5-C12 range quantified as Gasoline.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-GW	Lab Sample ID:	1108073-036B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	0.35	x	mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	82.1		%	406321	3402

NOTE: x- Not typical of Diesel standard pattern (possibly fuel lighter than diesel)



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-11-GW	Lab Sample ID:	1108073-036C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.047		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0060		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.030		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-GW	Lab Sample ID:	1108073-037A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	0.69		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-GW	Lab Sample ID:	1108073-037A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	98.7		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	92.2		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	91.2		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-9-GW	Lab Sample ID:	1108073-037A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	ND		ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	79.3		%	406320	3422



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-GW	Lab Sample ID:	1108073-037B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	80.7		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-9-GW	Lab Sample ID:	1108073-037C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	0.020		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.19		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.016		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-GW	Lab Sample ID:	1108073-038A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 17:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1.19	0.48	0.60	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1.19	0.48	0.60	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1.19	0.44	0.60	1.1		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1.19	0.45	0.60	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1.19	0.40	0.60	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1.19	0.34	0.60	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1.19	0.45	0.60	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1.19	0.21	6.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1.19	0.37	0.60	1.5		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1.19	0.45	0.60	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1.19	1.8	6.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1.19	0.43	0.60	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1.19	0.34	0.60	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1.19	0.47	0.60	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1.19	0.39	0.60	9.6		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1.19	0.44	0.60	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1.19	0.41	0.60	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1.19	0.35	0.60	0.61		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1.19	0.32	0.60	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1.19	0.38	0.60	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1.19	0.47	0.60	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1.19	0.40	0.60	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1.19	0.38	0.60	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1.19	0.33	0.60	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1.19	0.45	0.60	49		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1.19	0.25	0.60	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1.19	0.44	0.60	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1.19	0.27	0.60	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1.19	0.36	0.60	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1.19	0.23	0.60	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1.19	0.18	0.60	48		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1.19	0.24	0.60	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1.19	0.24	0.60	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1.19	0.26	0.60	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1.19	0.21	0.60	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1.19	0.23	0.60	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-GW	Lab Sample ID:	1108073-038A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 17:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1.19	0.17	0.60	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1.19	0.18	0.60	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1.19	0.12	0.60	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1.19	0.24	1.2	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1.19	0.15	0.60	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1.19	0.24	0.60	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1.19	0.54	1.2	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1.19	0.34	0.60	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1.19	0.46	0.60	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1.19	0.30	0.60	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1.19	0.35	0.60	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1.19	0.39	0.60	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1.19	0.24	0.60	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1.19	0.39	0.60	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1.19	0.34	0.60	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1.19	0.70	1.2	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1.19	0.39	0.60	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1.19	0.29	0.60	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1.19	0.29	0.60	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1.19	0.37	0.60	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1.19	0.44	0.60	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1.19	0.38	0.60	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1.19	0.47	0.60	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1.19	0.53	1.2	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1.19	0.26	0.60	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1.19	0.58	1.2	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1.19	0.68	1.2	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1.19	0.62	1.2	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1.19	61.2	131	92.7		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1.19	75.1	127	90.9		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1.19	64.1	120	89.0		%	406320	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-13-GW	Lab Sample ID:	1108073-038A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 17:15		
Tag Number:	500 Kirkham		

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(Gasoline)	8260TPH	8/17/11	08/17/11	1.19	26	60	51	J	ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1.19	34	114	74.1		%	406320	3422

NOTE: Raised reporting limit - see comment for 8260B analysis.



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-GW	Lab Sample ID:	1108073-038B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 17:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	82.7		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-13-GW	Lab Sample ID:	1108073-038C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 17:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.091		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0095		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.043		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.020		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0056		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-GW	Lab Sample ID:	1108073-039A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-GW	Lab Sample ID:	1108073-039A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	97.7		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	91.5		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	90.2		%	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-GW	Lab Sample ID:	1108073-039A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/17/11	08/17/11	1	22	50	ND		ug/L	406320	3422
(S) 4-Bromofluorobenzene	8260TPH	8/17/11	08/17/11	1	34	114	75.5		%	406320	3422



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/18/11

Client Sample ID:	B-5-GW	Lab Sample ID:	1108073-039B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	75.2		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	B-5-GW	Lab Sample ID:	1108073-039C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.030		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.023		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.023		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.033		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0054		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	Equip BLANK	Lab Sample ID:	1108073-040A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Chloromethane	SW8260B	NA	08/17/11	1	0.41	0.50	ND		ug/L	406320	NA
Vinyl Chloride	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromomethane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Trichlorofluoromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
1,1-Dichloroethene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Freon 113	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Methylene Chloride	SW8260B	NA	08/17/11	1	0.18	5.0	ND		ug/L	406320	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
MTBE	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
tert-Butanol	SW8260B	NA	08/17/11	1	1.5	5.0	ND		ug/L	406320	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/17/11	1	0.36	0.50	ND		ug/L	406320	NA
1,1-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
ETBE	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
2,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromochloromethane	SW8260B	NA	08/17/11	1	0.34	0.50	ND		ug/L	406320	NA
Chloroform	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
Carbon Tetrachloride	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
1,1,1-Trichloroethane	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,1-Dichloropropene	SW8260B	NA	08/17/11	1	0.40	0.50	ND		ug/L	406320	NA
Benzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
TAME	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichloroethane	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Trichloroethylene	SW8260B	NA	08/17/11	1	0.38	0.50	ND		ug/L	406320	NA
Dibromomethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,2-Dichloropropane	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
Bromodichloromethane	SW8260B	NA	08/17/11	1	0.23	0.50	ND		ug/L	406320	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
Toluene	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA
Tetrachloroethylene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
1,1,2-Trichloroethane	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Dibromochloromethane	SW8260B	NA	08/17/11	1	0.21	0.50	ND		ug/L	406320	NA
1,3-Dichloropropane	SW8260B	NA	08/17/11	1	0.18	0.50	ND		ug/L	406320	NA
1,2-Dibromoethane	SW8260B	NA	08/17/11	1	0.19	0.50	ND		ug/L	406320	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/18/11

Client Sample ID:	Equip BLANK	Lab Sample ID:	1108073-040A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/10/11 / 16:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/17/11	1	0.14	0.50	ND		ug/L	406320	NA
Ethyl Benzene	SW8260B	NA	08/17/11	1	0.15	0.50	ND		ug/L	406320	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.10	0.50	ND		ug/L	406320	NA
m,p-Xylene	SW8260B	NA	08/17/11	1	0.20	1.0	ND		ug/L	406320	NA
o-Xylene	SW8260B	NA	08/17/11	1	0.13	0.50	ND		ug/L	406320	NA
Styrene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
Bromoform	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Isopropyl Benzene	SW8260B	NA	08/17/11	1	0.28	0.50	ND		ug/L	406320	NA
Bromobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/17/11	1	0.26	0.50	ND		ug/L	406320	NA
n-Propylbenzene	SW8260B	NA	08/17/11	1	0.30	0.50	ND		ug/L	406320	NA
2-Chlorotoluene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.20	0.50	ND		ug/L	406320	NA
4-Chlorotoluene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
tert-Butylbenzene	SW8260B	NA	08/17/11	1	0.29	0.50	ND		ug/L	406320	NA
1,2,3-Trichloropropane	SW8260B	NA	08/17/11	1	0.59	1.0	ND		ug/L	406320	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/17/11	1	0.33	0.50	ND		ug/L	406320	NA
sec-Butyl Benzene	SW8260B	NA	08/17/11	1	0.24	0.50	ND		ug/L	406320	NA
p-Isopropyltoluene	SW8260B	NA	08/17/11	1	0.25	0.50	ND		ug/L	406320	NA
1,3-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.31	0.50	ND		ug/L	406320	NA
1,4-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.37	0.50	ND		ug/L	406320	NA
n-Butylbenzene	SW8260B	NA	08/17/11	1	0.32	0.50	ND		ug/L	406320	NA
1,2-Dichlorobenzene	SW8260B	NA	08/17/11	1	0.39	0.50	ND		ug/L	406320	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/17/11	1	0.45	1.0	ND		ug/L	406320	NA
Hexachlorobutadiene	SW8260B	NA	08/17/11	1	0.22	0.50	ND		ug/L	406320	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.48	1.0	ND		ug/L	406320	NA
Naphthalene	SW8260B	NA	08/17/11	1	0.57	1.0	ND		ug/L	406320	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/17/11	1	0.52	1.0	ND		ug/L	406320	NA
(S) Dibromofluoromethane	SW8260B	NA	08/17/11	1	61.2	131	88.9		%	406320	NA
(S) Toluene-d8	SW8260B	NA	08/17/11	1	75.1	127	92.3		%	406320	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/17/11	1	64.1	120	89.7		%	406320	NA



MB Summary Report

Work Order:	1108073	Prep Method:	7470A	Prep Date:	08/12/11	Prep Batch:	3365
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/15/11	Analytical Batch:	406238
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Mercury	0.00005	0.0002	0.00007		

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/14/11	Prep Batch:	3374
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/15/11	Analytical Batch:	406315
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Pyridine	0.660	0.653	ND
N-Nitrosodimethylamine	0.110	0.330	ND
Aniline	0.123	0.330	ND
Phenol	0.129	0.330	ND
Bis(2-chloroethyl) ether	0.0683	0.330	ND
2-Chlorophenol	0.129	0.330	ND
1,3-Dichlorobenzene	0.0733	0.330	ND
1,4-Dichlorobenzene	0.0663	6.59	ND
Benzyl Alcohol	0.104	0.330	ND
1,2-Dichlorobenzene	0.0713	0.330	ND
2-Methylphenol (o-Cresol)	0.116	0.330	ND
Bis(2-chloroisopropyl)ether	0.0683	0.330	ND
3-/4-Methylphenol (p-/m-Cresol)	0.139	0.330	ND
N-nitroso-di-n-propylamine	0.0931	0.330	ND
Hexachloroethane	0.0465	0.330	ND
Nitrobenzene	0.0528	0.330	ND
Isophorone	0.0574	0.653	ND
2-Nitrophenol	0.0525	0.653	ND
2,4-Dimethylphenol	0.133	6.59	ND
Benzoic Acid	5.59	0.330	ND
Bis(2-Chloroethoxy)methane	0.0584	0.330	ND
2,4-Dichlorophenol	0.104	0.330	ND
1,2,4-Trichlorobenzene	0.0733	0.330	ND
2,6-Dichlorophenol	0.104	0.330	ND
Naphthalene	0.0901	0.330	ND
4-Chloroaniline	0.0990	0.330	ND
Hexachloro-1,3-butadiene	0.0653	0.330	ND
4-Chloro-3-methylphenol	0.102	0.330	ND
2-Methylnaphthalene	0.0792	0.330	ND
1-Methylnaphthalene	0.0792	0.330	ND
Hexachlorocyclopentadiene	0.0277	0.330	ND



MB Summary Report

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/14/11	Prep Batch:	3374
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/15/11	Analytical Batch:	406315
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
2,4,6-Trichlorophenol	0.0950	0.330	ND	
2,4,5-Trichlorophenol	0.121	0.330	ND	
2-Chloronaphthalene	0.0594	3.27	ND	
2-Nitroaniline	0.0693	0.330	ND	
Dimethyl phthalate	0.118	0.330	ND	
1,3-Dinitrobenzene	0.106	0.330	ND	
Acenaphthylene	0.0851	0.330	ND	
2,6-Dinitrotoluene	0.0267	0.330	ND	
1,2-Dinitrobenzene	0.0858	0.330	ND	
3-Nitroaniline	0.0693	0.330	ND	
Acenaphthene	0.0960	0.330	ND	
2,4-Dinitrophenol	0.0297	3.27	ND	
4-Nitrophenol	0.0663	0.330	ND	
Dibenzofuran	0.0782	0.330	ND	
2,4-Dinitrotoluene	0.0267	0.330	ND	
2,3,5,6-Tetrachlorophenol	0.119	0.330	ND	
2,3,4,6-Tetrachlorophenol	0.119	0.330	ND	
Diethylphthalate	0.117	0.330	ND	
Fluorene	0.0990	0.330	ND	
4-Chlorophenyl phenyl ether	0.0802	0.330	ND	
4-Nitroaniline	0.0802	0.330	ND	
4,6-Dinitro-2-methylphenol	0.0663	0.330	ND	
Diphenylamine	0.0663	0.330	ND	
Azobenzene	0.109	0.330	ND	
4-Bromophenyl phenyl ether	0.0812	3.27	ND	
Hexachlorobenzene	0.101	0.330	ND	
Pentachlorophenol	0.102	3.27	ND	
Phenanthrene	0.142	0.330	ND	
Anthracene	0.132	0.330	ND	
Carbazole	0.132	0.330	ND	
Di-n-butylphthalate	0.108	1.68	ND	
Fluoranthene	0.132	0.653	ND	
Benzidine	0.374	3.27	ND	
Pyrene	0.147	0.330	ND	
Benzyl butyl phthalate	0.0891	0.330	ND	
Benz[a]anthracene	0.149	0.330	ND	
3,3'-Dichlorobenzidine	0.152	0.330	ND	
Chrysene	0.176	0.330	ND	
Bis(2-Ethylhexyl)phthalate	0.0832	0.330	ND	
Di-n-octyl phthalate	0.138	0.330	ND	
Benzo[b]fluoranthene	0.133	0.330	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/14/11	Prep Batch:	3374
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/15/11	Analytical Batch:	406315
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Benzo[k]fluoranthene	0.169	0.330	ND	
Benzo[a]pyrene	0.135	0.330	ND	
Indeno[1,2,3-cd]pyrene	0.131	0.330	ND	
Dibenz[a,h]anthracene	0.151	0.330	ND	
Benzo[g,h,i]perylene	0.150	0.330	ND	
1,4-Dinitrobenzene	0.150	0.330	ND	
2,4,6-Tribromophenol (S)			33.5	
2-Fluorobiphenyl (S)			52.0	
2-Fluorophenol (S)			55.2	
Nitrobenzene-d5 (S)			50.7	
Phenol-d6 (S)			60.4	
p-Terphenyl-d14 (S)			85.4	

Work Order:	1108073	Prep Method:	3005	Prep Date:	08/12/11	Prep Batch:	3377
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/15/11	Analytical Batch:	406242
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony (Dissolved)	0.004	0.009	ND	
Arsenic (Dissolved)	0.005	0.009	ND	
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	0.00357	
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	ND	
Vanadium (Dissolved)	0.004	0.009	ND	
Zinc (dissolved)	0.002	0.009	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Pyridine	0.660	0.653	ND	
N-Nitrosodimethylamine	0.110	0.330	ND	
Aniline	0.123	0.330	ND	
Phenol	0.129	0.330	ND	
Bis(2-chloroethyl) ether	0.0683	0.330	ND	
2-Chlorophenol	0.129	0.330	ND	
1,3-Dichlorobenzene	0.0733	0.330	ND	
1,4-Dichlorobenzene	0.0663	6.59	ND	
Benzyl Alcohol	0.104	0.330	ND	
1,2-Dichlorobenzene	0.0713	0.330	ND	
2-Methylphenol (o-Cresol)	0.116	0.330	ND	
Bis(2-chloroisopropyl)ether	0.0683	0.330	ND	
3-/4-Methylphenol (p-/m-Cresol)	0.139	0.330	ND	
N-nitroso-di-n-propylamine	0.0931	0.330	ND	
Hexachloroethane	0.0465	0.330	ND	
Nitrobenzene	0.0528	0.330	ND	
Isophorone	0.0574	0.653	ND	
2-Nitrophenol	0.0525	0.653	ND	
2,4-Dimethylphenol	0.133	6.59	ND	
Benzoic Acid	5.59	0.330	ND	
Bis(2-Chloroethoxy)methane	0.0584	0.330	ND	
2,4-Dichlorophenol	0.104	0.330	ND	
1,2,4-Trichlorobenzene	0.0733	0.330	ND	
2,6-Dichlorophenol	0.104	0.330	ND	
Naphthalene	0.0901	0.330	ND	
4-Chloroaniline	0.0990	0.330	ND	
Hexachloro-1,3-butadiene	0.0653	0.330	ND	
4-Chloro-3-methylphenol	0.102	0.330	ND	
2-Methylnaphthalene	0.0792	0.330	ND	
1-Methylnaphthalene	0.0792	0.330	ND	
Hexachlorocyclopentadiene	0.0277	0.330	ND	
2,4,6-Trichlorophenol	0.0950	0.330	ND	
2,4,5-Trichlorophenol	0.121	0.330	ND	
2-Chloronaphthalene	0.0594	3.27	ND	
2-Nitroaniline	0.0693	0.330	ND	
Dimethyl phthalate	0.118	0.330	ND	
1,3-Dinitrobenzene	0.106	0.330	ND	
Acenaphthylene	0.0851	0.330	ND	
2,6-Dinitrotoluene	0.0267	0.330	ND	
1,2-Dinitrobenzene	0.0858	0.330	ND	
3-Nitroaniline	0.0693	0.330	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Acenaphthene	0.0960	0.330	ND	
2,4-Dinitrophenol	0.0297	3.27	ND	
4-Nitrophenol	0.0663	0.330	ND	
Dibenzofuran	0.0782	0.330	ND	
2,4-Dinitrotoluene	0.0267	0.330	ND	
2,3,5,6-Tetrachlorophenol	0.119	0.330	ND	
2,3,4,6-Tetrachlorophenol	0.119	0.330	ND	
Diethylphthalate	0.117	0.330	ND	
Fluorene	0.0990	0.330	ND	
4-Chlorophenyl phenyl ether	0.0802	0.330	ND	
4-Nitroaniline	0.0802	0.330	ND	
4,6-Dinitro-2-methylphenol	0.0663	0.330	ND	
Diphenylamine	0.0663	0.330	ND	
Azobenzene	0.109	0.330	ND	
4-Bromophenyl phenyl ether	0.0812	3.27	ND	
Hexachlorobenzene	0.101	0.330	ND	
Pentachlorophenol	0.102	3.27	ND	
Phenanthrene	0.142	0.330	ND	
Anthracene	0.132	0.330	ND	
Carbazole	0.132	0.330	ND	
Di-n-butylphthalate	0.108	1.68	ND	
Fluoranthene	0.132	0.653	ND	
Benzidine	0.374	3.27	ND	
Pyrene	0.147	0.330	ND	
Benzyl butyl phthalate	0.0891	0.330	ND	
Benz[a]anthracene	0.149	0.330	ND	
3,3'-Dichlorobenzidine	0.152	0.330	ND	
Chrysene	0.176	0.330	ND	
Bis(2-Ethylhexyl)phthalate	0.0832	0.330	ND	
Di-n-octyl phthalate	0.138	0.330	ND	
Benzo[b]fluoranthene	0.133	0.330	ND	
Benzo[k]fluoranthene	0.169	0.330	ND	
Benzo[a]pyrene	0.135	0.330	ND	
Indeno[1,2,3-cd]pyrene	0.131	0.330	ND	
Dibenz[a,h]anthracene	0.151	0.330	ND	
Benzo[g,h,i]perylene	0.150	0.330	ND	
1,4-Dinitrobenzene	0.150	0.330	ND	
2,4,6-Tribromophenol (S)			33.3	
2-Fluorobiphenyl (S)			46.7	
2-Fluorophenol (S)			59.8	
Nitrobenzene-d5 (S)			48.5	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Phenol-d6 (S) 60.6
p-Terphenyl-d14 (S) 89.6

Work Order:	1108073	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3388
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406266
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Antimony	0.20	5.0	0.35	
Arsenic	0.28	1.7	0.28	
Barium	1	5.0	1.1	
Beryllium	0.0840	2.0	ND	
Cadmium	0.059	1.0	ND	
Chromium	0.059	5.0	0.33	
Cobalt	0.14	5.0	ND	
Copper	0.090	5.0	0.18	
Lead	0.043	1.0	0.34	
Molybdenum	0.059	5.0	0.12	
Nickel	0.059	5.0	0.15	
Selenium	0.29	5.0	ND	
Silver	1.0	1.0	ND	
Thallium	0.12	5.0	ND	
Vanadium	0.12	5.0	0.14	
Zinc	0.59	5.0	0.88	



MB Summary Report

Work Order:	1108073	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3389
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406267
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.20	5.0	0.35		
Arsenic	0.28	1.7	0.28		
Barium	1	5.0	1.1		
Beryllium	0.0840	2.0	ND		
Cadmium	0.059	1.0	ND		
Chromium	0.059	5.0	0.33		
Cobalt	0.14	5.0	ND		
Copper	0.090	5.0	0.18		
Lead	0.043	1.0	0.34		
Molybdenum	0.059	5.0	0.12		
Nickel	0.059	5.0	0.15		
Selenium	0.29	5.0	ND		
Silver	1.0	1.0	ND		
Thallium	0.12	5.0	ND		
Vanadium	0.12	5.0	0.14		
Zinc	0.59	5.0	0.88		

Work Order:	1108073	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3392
Matrix:	Soil	Analytical Method:	7471AB	Analyzed Date:	08/16/11	Analytical Batch:	406269
Units:	mg/Kg						

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

Work Order:	1108073	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3393
Matrix:	Soil	Analytical Method:	7471AB	Analyzed Date:	08/16/11	Analytical Batch:	406270
Units:	mg/Kg						

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



MB Summary Report

Work Order:	1108073	Prep Method:	3545_TPH	Prep Date:	08/16/11	Prep Batch:	3398
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/16/11	Analytical Batch:	406298
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.758	2.0	1.4		
TPH as Motor Oil	1.78	4.0	2.5		
Pentacosane (S)			110		

Work Order:	1108073	Prep Method:	3545_PCB	Prep Date:	08/16/11	Prep Batch:	3400
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/17/11	Analytical Batch:	406324
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Aroclor1016	0.0230	0.10	ND		
Aroclor1221	0.0920	0.20	ND		
Aroclor1232	0.0460	0.10	ND		
Aroclor1242	0.0430	0.10	ND		
Aroclor1248	0.0360	0.10	ND		
Aroclor1254	0.0240	0.10	ND		
Aroclor1260	0.0270	0.10	ND		
TCMX (S)			74.9		
DCBP (S)			71.6		



MB Summary Report

Work Order:	1108073	Prep Method:	3545_OCP	Prep Date:	08/16/11	Prep Batch:	3401
Matrix:	Soil	Analytical Method:	SW8081A	Analyzed Date:	08/16/11	Analytical Batch:	406314
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.44	2.0	ND	
gamma-BHC	0.40	2.0	ND	
beta-BHC	0.36	2.0	ND	
delta-BHC	0.49	2.0	ND	
Heptachlor	1.1	2.0	ND	
Aldrin	0.44	2.0	ND	
Heptachlor epoxide	0.32	2.0	ND	
gamma-Chlordane	0.42	2.0	ND	
alpha-Chlordane	0.36	2.0	ND	
Endosulfan I	0.59	2.0	ND	
4,4'-DDE	0.48	2.0	ND	
Dieldrin	0.43	2.0	ND	
Endrin	0.57	2.0	ND	
4,4'-DDD	0.47	2.0	ND	
Endosulfan II	1.5	2.0	ND	
4,4'-DDT	0.81	2.0	ND	
Endrin aldehyde	1.0	2.0	ND	
Endosulfan sulfate	0.49	2.0	ND	
Methoxychlor	0.62	5.0	ND	
Endrin Ketone	0.40	2.0	ND	
Chlordane	10	20	ND	
Toxaphene	10	100	ND	
TCMX (S)			86.4	
DCBP (S)			77.1	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_OCP	Prep Date:	08/16/11	Prep Batch:	3401
Matrix:	Soil	Analytical Method:	SW8081A	Analyzed Date:	08/16/11	Analytical Batch:	406314
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.44	2.0	ND	
gamma-BHC	0.40	2.0	ND	
beta-BHC	0.36	2.0	ND	
delta-BHC	0.49	2.0	ND	
Heptachlor	1.1	2.0	ND	
Aldrin	0.44	2.0	ND	
Heptachlor epoxide	0.32	2.0	ND	
gamma-Chlordane	0.42	2.0	ND	
alpha-Chlordane	0.36	2.0	ND	
Endosulfan I	0.59	2.0	ND	
4,4'-DDE	0.48	2.0	ND	
Dieldrin	0.43	2.0	ND	
Endrin	0.57	2.0	ND	
4,4'-DDD	0.47	2.0	ND	
Endosulfan II	1.5	2.0	ND	
4,4'-DDT	0.81	2.0	ND	
Endrin aldehyde	1.0	2.0	ND	
Endosulfan sulfate	0.49	2.0	ND	
Methoxychlor	0.62	5.0	ND	
Endrin Ketone	0.40	2.0	ND	
Chlordane	10	20	ND	
Toxaphene	10	100	ND	
TCMX (S)			76.8	
DCBP (S)			72.8	

Work Order:	1108073	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.0440	0.10	ND	
TPH as Motor Oil (SG)	0.0920	0.20	ND	
Pentacosane (S)			51.7	S



MB Summary Report

Work Order:	1108073	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH as Diesel (SG)	0.0440	0.10	ND	
TPH as Motor Oil (SG)	0.0920	0.20	0.13	
Pentacosane (S)			75.1	

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3413
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406301
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			97.7	

Work Order:	1108073	Prep Method:	3545_TPH	Prep Date:	08/18/11	Prep Batch:	3418
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/18/11	Analytical Batch:	406325
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH as Diesel	0.758	2.0	1.2	
TPH as Motor Oil	1.78	4.0	3.3	
Pentacosane (S)			111	



MB Summary Report

Work Order:	1108073	Prep Method:	3545_PCB	Prep Date:	08/18/11	Prep Batch:	3419
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/18/11	Analytical Batch:	406326
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Aroclor1016	0.0230	0.10	ND		
Aroclor1221	0.0920	0.20	ND		
Aroclor1232	0.0460	0.10	ND		
Aroclor1242	0.0430	0.10	ND		
Aroclor1248	0.0360	0.10	ND		
Aroclor1254	0.0240	0.10	ND		
Aroclor1260	0.0270	0.10	ND		
TCMX (S)			99.1		
DCBP (S)			113		

Work Order:	1108073	Prep Method:	5030	Prep Date:	08/17/11	Prep Batch:	3422
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/17/11	Analytical Batch:	406320
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	22	50	ND		
(S) 4-Bromofluorobenzene			79.7		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3425
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406328
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	17	100	ND		
(S) 4-Bromofluorobenzene			68.9		



MB Summary Report

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/18/11	Prep Batch:	3427
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/18/11	Analytical Batch:	406330
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline)	17	100	ND		
(S) 4-Bromofluorobenzene			87.2		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/24/11	Prep Batch:	3480
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/24/11	Analytical Batch:	406411
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline)	17	100	ND		
(S) 4-Bromofluorobenzene			83.4		

Work Order:	1108073	Prep Method:	WET/3010B	Prep Date:	08/25/11	Prep Batch:	3496
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/26/11	Analytical Batch:	406447
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Lead (STLC)	0.0500	0.10	ND		



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406301
Units:	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	50	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	
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	
o-Xylene	0.66	5.0	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406301
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			77.1		
(S) Toluene-d8			82.7		
(S) 4-Bromofluorobenzene			89.9		



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/17/11	Analytical Batch:	406320
Units:	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	
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	
o-Xylene	0.13	0.50	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/17/11	Analytical Batch:	406320
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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			91.8	
(S) Toluene-d8			91.7	
(S) 4-Bromofluorobenzene			91.3	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406328
Units:	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	50	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	
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	
o-Xylene	0.66	5.0	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406328
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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			73.3	
(S) Toluene-d8			89.0	
(S) 4-Bromofluorobenzene			90.7	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/18/11	Analytical Batch:	406330
Units:	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	50	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	
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	
o-Xylene	0.66	5.0	ND	



MB Summary Report

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/18/11	Analytical Batch:	406330
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			81.5		
(S) Toluene-d8			87.4		
(S) 4-Bromofluorobenzene			87.9		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	7470A	Prep Date:	08/12/11	Prep Batch:	3365
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/15/11	Analytical Batch:	406238
Units:	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	0.00007	0.015	106	106	0.188	80 - 120	0,	

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/14/11	Prep Batch:	3374
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/15/11	Analytical Batch:	406315
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	0.129	0.33	ND	1.667	53.7	46.7	14.2	16 - 98.6	30	
2-Chlorophenol	0.129	0.33	ND	1.667	48.7	42.5	13.6	12.9 - 91.3	30	
1,4-Dichlorobenzene	0.0663	0.33	ND	0.833	54.0	45.9	16.2	21.9 - 79.8	30	
N-nitroso-di-n-propylamine	0.0931	0.33	ND	1.667	55.8	47.5	16.2	15.5 - 116	30	
1,2,4-Trichlorobenzene	0.0733	0.33	ND	0.833	49.3	43.1	13.6	31.7 - 85.1	30	
4-Chloro-3-methylphenol	0.102	0.33	ND	1.667	43.9	37.9	14.8	23.8 - 116	30	
Acenaphthene	0.0964	0.33	ND	0.833	49.5	43.5	12.9	29.1 - 94.8	30	
4-Nitrophenol	0.0663	0.33	ND	1.667	76.6	69.6	9.91	10.4 - 131	30	
2,4-Dinitrotoluene	0.0267	0.33	ND	0.833	69.2	59.8	14.4	30.8 - 124	30	
Pentachlorophenol	0.102	0.33	ND	1.667	72.9	64.0	12.9	19.9 - 133	30	
Pyrene	0.147	0.33	ND	0.833	75.3	72.0	4.39	34.2 - 127	30	
Phenol-d6 (S)			ND	50	67.1	58.0		24 - 113		
2-Fluorophenol (S)			ND	50	49.3	42.2		25 - 121		
2,4,6-Tribromophenol (S)			ND	50	63.9	51.2		19 - 122		
Nitrobenzene-d5 (S)			ND	25	57.8	51.1		23 - 120		
2-Fluorobiphenyl (S)			ND	25	56.0	47.9		30 - 115		
p-Terphenyl-d14 (S)			ND	25	53.3	49.9		18 - 137		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3005	Prep Date:	08/12/11	Prep Batch:	3377
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/15/11	Analytical Batch:	406242
Units:	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	91.2	91.1	0.269	80 - 120	0,	
Arsenic (Dissolved)	0.005	0.009	ND	1	94.3	94.2	0.293	80 - 120	0,	
Barium (Dissolved)	0.002	0.009	ND	1	96.7	96.6	0.411	80 - 120	0,	
Beryllium (Dissolved)	0.002	0.005	ND	1	97.9	95.0	3.12	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	ND	1	97.3	97.2	0.221	80 - 120	20	
Chromium (Dissolved)	0.002	0.005	ND	1	96.6	97.1	0.0737	80 - 120	20	
Cobalt (Dissolved)	0.002	0.005	ND	1	98.3	97.3	0.711	80 - 120	20	
Copper (Dissolved)	0.003	0.009	0.00357	1	97.2	96.7	0.295	80 - 120	20	
Lead (Dissolved)	0.005	0.014	ND	1	95.2	94.9	0.0753	80 - 120	20	
Molybdenum (Dissolved)	0.002	0.009	ND	1	97.5	96.8	0.169	80 - 120	20	
Nickel (Dissolved)	0.002	0.009	ND	1	97.6	97.7	0.334	80 - 120	20	
Selenium (Dissolved)	0.004	0.02	ND	1	95.5	94.6	1.45	80 - 120	20	
Silver (Dissolved)	0.002	0.005	ND	1	94.7	94.4	0.582	80 - 120	20	
Thallium (dissolved)	0.004	0.009	ND	1	95.4	95.0	0.0323	80 - 120	20	
Vanadium (Dissolved)	0.004	0.009	ND	1	96.7	96.8	0.169	80 - 120	20	
Zinc (dissolved)	0.002	0.009	ND	1	99.1	97.8	1.28	80 - 120	20	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	0.129	0.33	ND	1.667	40.3	49.5	20.3	16 - 98.6	30	
2-Chlorophenol	0.129	0.33	ND	1.667	36.9	44.8	19.2	12.9 - 91.3	30	
1,4-Dichlorobenzene	0.0663	0.33	ND	0.833	40.9	49.8	19.6	21.9 - 79.8	30	
N-nitroso-di-n-propylamine	0.0931	0.33	ND	1.667	41.3	50.8	20.9	15.5 - 116	30	
1,2,4-Trichlorobenzene	0.0733	0.33	ND	0.833	35.7	46.3	25.7	31.7 - 85.1	30	
4-Chloro-3-methylphenol	0.102	0.33	ND	1.667	32.7	39.0	17.8	23.8 - 116	30	
Acenaphthene	0.0964	0.33	ND	0.833	38.1	47.3	21.8	29.1 - 94.8	30	
4-Nitrophenol	0.0663	0.33	ND	1.667	56.0	60.9	7.93	10.4 - 131	30	
2,4-Dinitrotoluene	0.0267	0.33	ND	0.833	48.9	60.0	20.4	30.8 - 124	30	
Pentachlorophenol	0.102	0.33	ND	1.667	50.9	58.7	13.8	19.9 - 133	30	
Pyrene	0.147	0.33	ND	0.833	59.5	70.5	16.8	34.2 - 127	30	
Phenol-d6 (S)			ND	50	54.0	64.1		24 - 113		
2-Fluorophenol (S)			ND	50	40.6	50.0		25 - 121		
2,4,6-Tribromophenol (S)			ND	50	48.3	57.3		19 - 122		
Nitrobenzene-d5 (S)			ND	25	44.5	53.2		23 - 120		
2-Fluorobiphenyl (S)			ND	25	42.2	53.5		30 - 115		
p-Terphenyl-d14 (S)			ND	25	47.4	53.4		18 - 137		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3388
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406266
Units:	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	0.35	50	96.1	97.3	1.27	30.7 - 130	30	
Arsenic	0.28	1.7	0.28	50	96.8	95.6	1.21	71 - 121	30	
Barium	1	5.0	1.1	50	102	99.0	3.03	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	95.1	93.6	1.52	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	98.4	95.7	2.75	68.7 - 110	30	
Chromium	0.059	5.0	0.33	50	99.5	97.9	1.60	76 - 116	30	
Cobalt	0.14	5.0	ND	50	101	99.3	1.75	57.4 - 122	30	
Copper	0.090	5.0	0.18	50	104	103	1.06	74.8 - 119	30	
Lead	0.13	1.0	0.34	50	97.3	97.3	0.0206	67.9 - 118	30	
Molybdenum	0.059	5.0	0.12	50	98.7	98.8	0.101	62.9 - 123	30	
Nickel	0.059	5.0	0.15	50	100	97.7	2.35	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	93.7	92.2	1.58	62 - 111	30	
Silver	1.0	1.0	ND	50	96.7	94.8	2.03	81.1 - 109	30	
Thallium	0.12	5.0	ND	50	93.2	93.4	0.214	39.2 - 125	30	
Vanadium	0.12	5.0	0.14	50	101	99.4	1.61	65.8 - 122	30	
Zinc	0.59	5.0	0.88	50	122	118	3.08	59.9 - 122	30	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3389
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406267
Units:	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	0.35	50	96.1	95.1	1.07	30.7 - 130	30	
Arsenic	0.28	1.7	0.28	50	96.8	93.9	3.03	71 - 121	30	
Barium	1	5.0	1.1	50	102	99.6	2.35	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	95.1	96.3	1.35	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	98.4	96.4	2.07	68.7 - 110	30	
Chromium	0.059	5.0	0.33	50	99.5	97.9	1.63	76 - 116	30	
Cobalt	0.14	5.0	ND	50	101	98.6	2.36	57.4 - 122	30	
Copper	0.090	5.0	0.18	50	104	102	2.14	74.8 - 119	30	
Lead	0.13	1.0	0.34	50	97.3	96.5	0.784	67.9 - 118	30	
Molybdenum	0.059	5.0	0.12	50	98.7	97.8	0.936	62.9 - 123	30	
Nickel	0.059	5.0	0.15	50	100	97.9	2.15	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	93.7	89.7	4.36	62 - 111	30	
Silver	1.0	1.0	ND	50	96.7	94.6	2.22	81.1 - 109	30	
Thallium	0.12	5.0	ND	50	93.2	93.0	0.226	39.2 - 125	30	
Vanadium	0.12	5.0	0.14	50	101	99.1	1.89	65.8 - 122	30	
Zinc	0.59	5.0	0.88	50	122	118	3.08	59.9 - 122	30	

Work Order:	1108073	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3392
Matrix:	Soil	Analytical Method:	7471B	Analyzed Date:	08/16/11	Analytical Batch:	406269
Units:	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	101	110	8.13	80.5 - 133	30,	

Work Order:	1108073	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3393
Matrix:	Soil	Analytical Method:	7471B	Analyzed Date:	08/16/11	Analytical Batch:	406270
Units:	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	109	116	6.58	80.5 - 133	30,	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3545_TPH	Prep Date:	08/16/11	Prep Batch:	3398
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/16/11	Analytical Batch:	406298
Units:	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	1.4	33.33	89.7	87.5	2.45	52.7 - 115	30	
Pentacosane (S)			2.5	200	96.7	123		59.7 - 129		

Work Order:	1108073	Prep Method:	3545_PCB	Prep Date:	08/16/11	Prep Batch:	3400
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/17/11	Analytical Batch:	406324
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.0230	0.10	ND	1	94.2	99.0	4.95	55.6 - 135	30	
Aroclor1260	0.0270	0.10	ND	0.5	89.1	95.8	7.26	65.6 - 132	30	
TCMX (S)			ND	1.5	103	101		68.9 - 123		
DCBP (S)			ND	1.5	108	117		69.5 - 119		

Work Order:	1108073	Prep Method:	3545_OCP	Prep Date:	08/16/11	Prep Batch:	3401
Matrix:	Soil	Analytical Method:	SW8081A	Analyzed Date:	08/16/11	Analytical Batch:	406314
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC	0.40	2.0	ND	20	84.6	83.7	1.09	56.9 - 120	30	
Heptachlor	1.1	2.0	ND	20	96.3	96.4	0.0815	63.6 - 117	30	
Aldrin	0.44	2.0	ND	20	87.3	86.4	0.997	53 - 123	30	
Dieldrin	0.43	2.0	ND	20	84.7	85.4	0.827	44 - 130	30	
Endrin	0.57	2.0	ND	20	100	97.5	2.96	44.1 - 121	30	
4,4'-DDT	0.81	2.0	ND	20	107	105	1.01	52.8 - 134	30	
TCMX (S)			ND	2100	89.8	88.8		52.5 - 139		
DCBP (S)			ND	2100	87.8	83.5		50.2 - 139		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	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 (SG)	0.0440	0.10	ND	1	51.6	52.7	2.00	34.5 - 95.6	30,	
Pentacosane (S)			ND	100	79.6	73.0		57.9 - 125		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3413
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406301
Units:	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	91.4	93.5	2.25	48.2 - 132	30	
(S) 4-Bromofluorobenzene			97.7	50	89.7	92.8		57 - 127		

Work Order:	1108073	Prep Method:	3545_TPH	Prep Date:	08/18/11	Prep Batch:	3418
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/18/11	Analytical Batch:	406325
Units:	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	1.2	33.33	87.1	87.8	0.871	52.7 - 115	30	
Pentacosane (S)			3.3	100	96.8	98.1		59.7 - 129		

Work Order:	1108073	Prep Method:	3545_PCB	Prep Date:	08/18/11	Prep Batch:	3419
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/18/11	Analytical Batch:	406326
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.0230	0.10	ND	1	92.7	88.8	4.27	55.6 - 135	30	
Aroclor1260	0.0270	0.10	ND	0.5	89.6	85.5	4.66	65.6 - 132	30	
TCMX (S)			ND	0.25	91.7	83.8		68.9 - 123		
DCBP (S)			ND	0.250	107	98.6		69.5 - 119		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	5030	Prep Date:	08/17/11	Prep Batch:	3422
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/17/11	Analytical Batch:	406320
Units:	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	83.3	82.7	0.686	52.4 - 127	30	
(S) 4-Bromofluorobenzene			79.7	11.36	81.0	81.4		58.4 - 133		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3425
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406328
Units:	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	94.3	85.3	9.94	48.2 - 132	30	
(S) 4-Bromofluorobenzene			68.9	50	79.8	74.5		57 - 127		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/18/11	Prep Batch:	3427
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/18/11	Analytical Batch:	406330
Units:	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	93.1	105	12.1	48.2 - 132	30	
(S) 4-Bromofluorobenzene			87.2	50	85.0	89.7		57 - 127		

Work Order:	1108073	Prep Method:	5035	Prep Date:	08/24/11	Prep Batch:	3480
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/24/11	Analytical Batch:	406411
Units:	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	90.0	85.8	4.88	48.2 - 132	30	
(S) 4-Bromofluorobenzene			83.4	50	81.9	81.6		57 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	WET/3010B	Prep Date:	08/25/11	Prep Batch:	3496
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/26/11	Analytical Batch:	406447
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (STLC)	0.0500	0.10	ND	10	87.0	89.2	2.49	80 - 120	20	

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406301
Units:	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	90.6	75.4	18.3	53.7 - 139	30	
Benzene	1.5	10	ND	50	91.5	81.6	11.5	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	99.7	81.4	20.3	57.5 - 150	30	
Toluene	0.98	10	ND	50	102	85.4	17.3	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	90.6	78.7	14.0	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	73.5	88.3		59.8 - 148		
(S) Toluene-d8			ND	50	86.9	89.4		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	92.8	99.0		55.8 - 141		

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/17/11	Analytical Batch:	406320
Units:	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	95.6	84.6	12.2	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	101	89.7	11.8	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	109	90.5	18.6	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	98.1	92.4	5.87	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	99.0	92.1	7.45	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	91.5	89.5		61.2 - 131		
(S) Toluene-d8			ND	11.36	93.8	92.0		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	93.0	90.2		64.1 - 120		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406328
Units:	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	82.3	108	27.3	53.7 - 139	30	
Benzene	1.5	10	ND	50	93.5	114	19.9	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	115	121	4.48	57.5 - 150	30	
Toluene	0.98	10	ND	50	110	113	2.81	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	107	111	3.55	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	74.3	93.6		59.8 - 148		
(S) Toluene-d8			ND	50	88.8	88.5		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	91.5	91.3		55.8 - 141		

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/18/11	Analytical Batch:	406330
Units:	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	88.9	91.2	2.71	53.7 - 139	30	
Benzene	1.5	10	ND	50	90.7	89.3	1.67	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	99.3	87.8	12.4	57.5 - 150	30	
Toluene	0.98	10	ND	50	101	95.6	5.34	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	96.3	82.9	14.8	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	80.0	80.5		59.8 - 148		
(S) Toluene-d8			ND	50	86.3	86.0		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	90.2	92.0		55.8 - 141		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/24/11	Analytical Batch:	406411
Units:	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		50	81.5	83.0	1.97	53.7 - 139	30	
Benzene	1.5	10		50	86.4	84.0	2.77	66.5 - 135	30	
Trichloroethylene	3.9	10		50	90.0	84.7	6.04	57.5 - 150	30	
Toluene	0.98	10		50	96.5	86.6	10.9	56.8 - 134	30	
Chlorobenzene	4.2	10		50	89.5	80.5	10.7	57.4 - 134	30	
(S) Dibromofluoromethane				50	80.9	80.6		59.8 - 148		
(S) Toluene-d8				50	90.0	90.8		55.2 - 133		
(S) 4-Bromofluorobenzene				50	93.4	90.8		55.8 - 141		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	7470A	Prep Date:	08/12/11	Prep Batch:	3365
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/15/11	Analytical Batch:	406238
Spiked Sample:	1108073-037C						
Units:	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	0.00009	0.015	104	118	10.4	75 - 125	20	

Work Order:	1108073	Prep Method:	3005	Prep Date:	08/12/11	Prep Batch:	3377
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/15/11	Analytical Batch:	406242
Spiked Sample:	1108073-036C						
Units:	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	91.1	91.3	0.504	75 - 125	20	
Arsenic (Dissolved)	0.005	0.009	0.00	1	91.3	92.0	1.21	75 - 125	20	
Barium (Dissolved)	0.002	0.009	0.0456	1	92.8	90.7	1.66	80 - 120	20	
Beryllium (Dissolved)	0.002	0.005	0	1	87.6	93.5	6.28	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	0.00	1	93.2	90.8	2.28	75 - 125	20	
Chromium (Dissolved)	0.002	0.005	0.00	1	93.1	91.4	1.65	75 - 125	20	
Cobalt (Dissolved)	0.002	0.005	0.00	1	92.5	91.1	1.95	75 - 125	20	
Copper (Dissolved)	0.003	0.009	0.00	1	93.5	93.2	0.753	75 - 125	20	
Lead (Dissolved)	0.005	0.014	0.00	1	87.9	88.2	0.452	75 - 125	20	
Molybdenum (Dissolved)	0.002	0.009	0.030	1	92.1	92.4	0.579	75 - 125	20	
Nickel (Dissolved)	0.002	0.009	0.00	1	93.0	90.7	2.39	75 - 125	20	
Selenium (Dissolved)	0.004	0.02	0.00	1	91.0	91.3	0.460	75 - 125	20	
Silver (Dissolved)	0.002	0.005	0.00	1	90.8	89.3	1.75	75 - 125	20	
Thallium (dissolved)	0.004	0.009	0.00	1	86.1	85.6	0.203	75 - 125	20	
Vanadium (Dissolved)	0.004	0.009	0.00	1	93.3	91.8	1.21	75 - 125	20	
Zinc (dissolved)	0.002	0.009	0.00	1	92.8	92.8	0.0990	75 - 125	20	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3388
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406266
Spiked Sample:	1108073-002A						
Units:	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	0.00	50	86.6	86.8	0.196	30.7 - 130	30	
Arsenic	0.28	1.7	0.040	50	91.5	89.8	1.76	71 - 121	30	
Barium	1	5.0	0.55	50	130	131	0.324	70.2 - 130	30	S
Beryllium	0.0840	2.0	0.00	50	93.3	86.7	7.05	73.3 - 115	30	
Cadmium	0.059	1.0	0.00	50	95.7	92.6	3.35	68.7 - 110	30	
Chromium	0.059	5.0	0.51	50	136	135	0.698	76 - 116	30	S
Cobalt	0.14	5.0	0.12	50	97.4	95.5	1.39	57.4 - 122	30	
Copper	0.090	5.0	0.00	50	110	111	0.634	74.8 - 119	30	
Lead	0.13	1.0	0.040	50	96.2	92.0	4.07	67.9 - 118	30	
Molybdenum	0.059	5.0	0.00	50	93.9	91.1	3.08	62.9 - 123	30	
Nickel	0.059	5.0	0.38	50	123	119	2.32	61.5 - 122	30	S
Selenium	0.29	5.0	0.00	50	88.1	86.0	2.38	62 - 111	30	
Silver	1.0	1.0	0.00	50	93.2	92.7	0.538	81.1 - 109	30	
Thallium	0.12	5.0	0.00	50	84.6	79.7	6.01	39.2 - 125	30	
Vanadium	0.12	5.0	0.40	50	121	118	1.75	65.8 - 122	30	
Zinc	0.59	5.0	0.22	50	105	106	0.628	59.9 - 122	30	

Work Order:	1108073	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3392
Matrix:	Soil	Analytical Method:	7471B	Analyzed Date:	08/16/11	Analytical Batch:	406269
Spiked Sample:	1108073-002A						
Units:	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	0.00017	1.25	109	110	1.20	60 - 140	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406301
Spiked Sample:	1108073-032A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.2	7.6	0	38	83.5	88.7	6.13	53.7 - 139	30	
Benzene	1.1	7.6	0	38	84.1	89.5	6.15	66.5 - 135	30	
Trichloroethylene	2.9	7.6	0	38	88.2	88.6	0.498	57.5 - 150	30	
Toluene	0.75	7.6	0	38	85.7	89.2	4.02	56.8 - 134	30	
Chlorobenzene	3.2	7.6	0	38	91.1	90.8	0.242	57.4 - 134	30	
(S) Dibromofluoromethane				38	95.3	101		59.8 - 148		
(S) Toluene-d8				38	85.4	87.7		55.2 - 133		
(S) 4-Bromofluorobenzene				38	96.8	97.3		55.8 - 141		

Work Order:	1108073	Prep Method:	3545_BNA	Prep Date:	08/14/11	Prep Batch:	3374
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/15/11	Analytical Batch:	406315
Spiked Sample:	1108073-002A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	0.129	0.33	0.000	1.667	50.9	68.7	30.2	16 - 98.6	30	
2-Chlorophenol	0.129	0.33	0.000	1.667	56.0	76.3	30.3	12.9 - 91.3	30	
1,4-Dichlorobenzene	0.0663	0.33	0.000	0.833	59.3	82.1	32.2	21.9 - 79.8	30	S
N-Nitroso-di-n-propylamine	0.0931	0.33	0.000	1.667	24.2	31.0	24.8	15.5 - 116	30	
1,2,4-Trichlorobenzene	0.0733	0.33	0.000	0.833	57.0	80.4	34.2	31.7 - 85.1	30	
4-Chloro-3-methylphenol	0.102	0.33	0.000	1.667	48.2	65.5	30.3	23.8 - 116	30	
Acenaphthene	0.0964	0.33	0.000	0.833	64.0	90.0	33.7	29.1 - 94.8	30	
4-Nitrophenol	0.0663	0.33	0.000	1.667	68.7	71.3	3.46	10.4 - 131	30	
2,4-Dinitrotoluene	0.0267	0.33	0.000	0.833	53.7	63.8	17.4	30.8 - 124	30	
Pentachlorophenol	0.102	0.33	0.000	1.667	72.2	87.4	19.3	19.9 - 133	30	
Pyrene	0.147	0.33	0.000	0.833	109	126	14.2	34.2 - 127	30	
Phenol-d6 (S)				50	65.8	91.9		24 - 113		
2-Fluorophenol (S)				50	51.0	71.2		25 - 121		
2,4,6-Tribromophenol (S)				50	62.2	85.6		19 - 122		
Nitrobenzene-d5 (S)				25	60.8	86.4		23 - 120		
2-Fluorobiphenyl (S)				25	66.2	95.7		30 - 115		
p-Terphenyl-d14 (S)				25	69.7	72.7		18 - 137		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108073	Prep Method:	3545_TPH	Prep Date:	08/16/11	Prep Batch:	3398
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406319
Spiked Sample:	1108073-001A						
Units:	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	3.8	10	4.6511	33.33	23.0	20.5	10.3	50.3 - 125	30	S
Pentacosane (S)				100	90.3	86.2		57.9 - 125		

Work Order:	1108073	Prep Method:	3545_PCB	Prep Date:	08/16/11	Prep Batch:	3400
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/17/11	Analytical Batch:	406324
Spiked Sample:	1108073-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.0230	0.10	0	1	103	101	1.86	55.6 - 135	30	
Aroclor1260	0.0270	0.10	0.003	0.5	98.6	96.0	2.68	65.6 - 132	30	
TCMX (S)				1.5	98.2	99.4		50.4 - 136		
DCBP (S)				1.5	112	112		69.5 - 119		

Work Order:	1108073	Prep Method:	WET/3010B	Prep Date:	08/25/11	Prep Batch:	3496
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/26/11	Analytical Batch:	406447
Spiked Sample:	1108073-004A						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (STLC)	0.0500	0.10	0.414	10	86.4	87.1	0.390	75 - 125	20	



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -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.
Duplicate - 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)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - 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.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - 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.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - 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
Tentatively Identified Compound (TIC) - 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.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg.m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank D - Surrogate is not recoverable due to the necessary dilution of the sample E - 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. H- Indicates that the recommended holding time for the analyte or compound has been exceeded J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative NA - Not Analyzed N/A - Not Applicable NR - 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 R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts S- 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 X -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.



Sample Receipt Checklist

Client Name: Northgate Environmental Management Inc.

Date and Time Received: 8/23/2011 14:15

Project Name: 500 Kirkham

Received By: NG

Work Order No.: 1108073

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present? Yes

Chain of custody signed when relinquished and received? Yes

Chain of custody agrees with sample labels? Yes

Custody seals intact on sample bottles? Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present

Shipping Container/Cooler In Good Condition? Yes

Samples in proper container/bottle? Yes

Samples containers intact? Yes

Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes

Container/Temp Blank temperature in compliance? Yes

Temperature: 6 °C

Water-VOA vials have zero headspace? Yes

Water-pH acceptable upon receipt?

pH Checked by:

pH Adjusted by:



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 14:15
Comments:	5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.		
Work Order # :	1108073		

<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>
1108073-001A	B-1-1.0	08/10/11 8:30	Soil	02/06/12			S_6010BCAM17 S_7471BHG S_TPHDO S_8082PCB S_8081AOC S_8270Full S_GCMS-GRO S_8260Full	
Sample Note: Pretarred voas for 8260 for soil samples. Use this sample for MS/MSD for all analyses.								
1108073-002A	B-1-5.0	08/10/11 8:35	Soil	02/06/12			S_6010BCAM17 S_8082PCB S_TPHDO S_8260Full S_GCMS-GRO S_8270Full S_7471BHG	
1108073-003A	B-1-7.0	08/10/11 8:40	Soil	02/06/12	On-Hold		Hold Samples	
1108073-004A	B-3-1.0	08/10/11 9:15	Soil	02/06/12			S_6010B(STLC) S_8081AOC S_8270Full S_7471BHG S_GCMS-GRO S_8260Full S_8082PCB S_TPHDO S_6010BCAM17	
Sample Note: Per client request from 08/23/2011 add STLC Lead on sample 004. 3 day TAT RUSH Due 08/26/2011.								
1108073-005A	B-3-5.0	08/10/11 9:20	Soil	02/06/12			S_6010BCAM17	



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

QC Level:

Project Name: 500 Kirkham

TAT Requested: 3 day:25

Project # : 1204.22

Date Received: 8/23/2011

Report Due Date: 8/26/2011

Time Received: 14:15

Comments: 5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.

Work Order # : 1108073

<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>
							S_GCMS-GRO S_8260Full S_8270Full S_TPHDO S_8082PCB S_7471BHG	
1108073-006A	B-3-9.0	08/10/11 9:25	Soil	02/06/12	On-Hold		Hold Samples	
1108073-007A	B-10-1.0	08/10/11 9:50	Soil	02/06/12			S_6010BCAM17 S_8082PCB S_7471BHG S_TPHDO S_8270Full S_GCMS-GRO S_8260Full S_8081AOC	
1108073-008A	B-10-5.0	08/10/11 9:55	Soil	02/06/12			S_6010BCAM17 S_8270Full S_7471BHG S_GCMS-GRO S_8260Full S_TPHDO S_8082PCB	
1108073-009A	B-10-9.0	08/10/11 10:00	Soil	02/06/12	On-Hold		Hold Samples	
1108073-010A	B-12-1.0	08/10/11 10:40	Soil	02/06/12			S_6010BCAM17 S_GCMS-GRO S_8260Full S_8270Full S_8081AOC S_8082PCB	



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

QC Level:

Project Name: 500 Kirkham

TAT Requested: 3 day:25

Project # : 1204.22

Date Received: 8/23/2011

Report Due Date: 8/26/2011

Time Received: 14:15

Comments: 5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.

Work Order # : 1108073

<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>
1108073-011A	B-12-5.0	08/10/11 10:50	Soil	02/06/12			S_TPHDO S_7471BHG S_6010BCAM17 S_GCMS-GRO S_7471BHG S_8082PCB S_8260Full S_8270Full S_TPHDO	
1108073-012A	B-12-10.0	08/10/11 11:10	Soil	02/06/12	On-Hold		Hold Samples	
1108073-013A	B-11-1.0	08/10/11 11:50	Soil	02/06/12			S_6010BCAM17 S_8081AOC S_8082PCB S_7471BHG S_GCMS-GRO S_8260Full S_TPHDO S_8270Full	
1108073-014A	B-11-6.0	08/10/11 11:55	Soil	02/06/12			S_6010BCAM17 S_7471BHG S_8260Full S_GCMS-GRO S_8082PCB S_8270Full S_TPHDO	
1108073-015A	B-11-10.0	08/10/11 12:00	Soil	02/06/12			S_GCMS-GRO S_8260Full	

Sample Note: Per client request added TPH-Gas and VOCs on sample 015A. HOLDING TIME IS UP on 08/24/2011. 3 day TAT Due 08/26/2011



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

QC Level:

Project Name: 500 Kirkham

TAT Requested: 3 day:25

Project # : 1204.22

Date Received: 8/23/2011

Report Due Date: 8/26/2011

Time Received: 14:15

Comments: 5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.

Work Order # : 1108073

<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>
1108073-016A	B-14-1.0	08/10/11 12:50	Soil	02/06/12			S_6010BCAM17 S_7471BHG S_TPHDO S_8270Full S_8081AOC S_GCMS-GRO S_8260Full S_8082PCB	
1108073-017A	B-14-5.0	08/10/11 12:55	Soil	02/06/12			S_6010BCAM17 S_7471BHG S_TPHDO S_GCMS-GRO S_8260Full S_8082PCB S_8270Full	
1108073-018A	B-14-7.0	08/10/11 13:00	Soil	02/06/12	On-Hold		Hold Samples	
1108073-019A	B-15-1.0	08/10/11 13:40	Soil	02/06/12			S_6010BCAM17 S_GCMS-GRO S_8260Full S_8081AOC S_8082PCB S_8270Full S_TPHDO S_7471BHG	
1108073-020A	B-15-5.0	08/10/11 13:45	Soil	02/06/12			S_6010BCAM17 S_8260Full S_7471BHG S_8082PCB S_GCMS-GRO	



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

QC Level:

Project Name: 500 Kirkham

TAT Requested: 3 day:25

Project # : 1204.22

Date Received: 8/23/2011

Report Due Date: 8/26/2011

Time Received: 14:15

Comments: 5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.

Work Order # : 1108073

<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>
1108073-021A	B-15-9.0	08/10/11 13:50	Soil	02/06/12	On-Hold		S_8270Full S_TPHDO	
1108073-022A	B-9-1.0	08/10/11 15:10	Soil	02/06/12			Hold Samples	
1108073-023A	B-9-3.0	08/10/11 15:15	Soil	02/06/12			S_7471BHG S_8081AOC S_8082PCB S_6010BCAM17 S_8260Full S_GCMS-GRO S_TPHDO S_8270Full	
1108073-024A	B-9-13.0	08/10/11 15:20	Soil	02/06/12	On-Hold		S_7471BHG S_6010BCAM17 S_8260Full S_GCMS-GRO S_8082PCB S_8270Full S_TPHDO	
1108073-025A	B-5-1.0	08/10/11 16:05	Soil	02/06/12			Hold Samples	
1108073-026A	B-5-5.0	08/10/11 16:10	Soil	02/06/12			S_7471BHG S_TPHDO S_8081AOC S_8082PCB S_8270Full S_6010BCAM17 S_8260Full S_GCMS-GRO	
							S_7471BHG	



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 14:15
Comments:	5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.		
Work Order # :	1108073		

<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>
							S_8270Full S_8082PCB S_TPHDO S_8260Full S_GCMS-GRO S_6010BCAM17	
1108073-027A	B-5-10.0	08/10/11 16:15	Soil	02/06/12	On-Hold		Hold Samples	
1108073-028A	B-13-1.0	08/10/11 16:25	Soil	02/06/12			S_7471BHG S_6010BCAM17 S_8260Full S_GCMS-GRO S_8081AOC S_TPHDO S_8082PCB S_8270Full	
1108073-029A	B-13-5.0	08/10/11 16:30	Soil	02/06/12			S_6010BCAM17 S_8270Full S_8260Full S_GCMS-GRO S_7471BHG S_8082PCB S_TPHDO	
1108073-030A	B-13-8.0	08/10/11 16:35	Soil	02/06/12	On-Hold		Hold Samples	
1108073-031A	B-12-1.0 D	08/10/11 10:40	Soil	02/06/12			S_GCMS-GRO S_8260Full	
Sample Note:	Received only 3 pretarred voas no liner.							
1108073-032A	B-5-5.0 D	08/10/11 16:10	Soil	02/06/12			S_6010BCAM17 S_7471BHG	



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 14:15
Comments:	5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.		
Work Order # :	1108073		

<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>
							S_8260Full S_GCMS-GRO S_TPHDO S_8082PCB S_8270Full	
1108073-033A	B-1-GW	08/10/11 9:45	Water	09/24/11				
							W_8260Full W_GCMS-GRO	
1108073-033B	B-1-GW	08/10/11 9:45	Water	09/24/11				
							W_TPHDOSG	
1108073-033C	B-1-GW	08/10/11 9:45	Water	09/24/11				
							W_D6010BCAM17 W_D7470AHG	
1108073-034A	B-12-GW	08/10/11 11:00	Water	09/24/11				
							W_8260Full W_GCMS-GRO	
1108073-034B	B-12-GW	08/10/11 11:00	Water	09/24/11				
							W_TPHDOSG	
1108073-034C	B-12-GW	08/10/11 11:00	Water	09/24/11				
							W_D6010BCAM17 W_D7470AHG	
1108073-035A	B-12-GWD	08/10/11 11:00	Water	09/24/11				
							W_8260Full W_GCMS-GRO	
1108073-035B	B-12-GWD	08/10/11 11:00	Water	09/24/11				
							W_TPHDOSG	
1108073-036A	B-11-GW	08/10/11 12:10	Water	09/24/11				
							W_8260Full W_GCMS-GRO	
1108073-036B	B-11-GW	08/10/11 12:10	Water	09/24/11				
							W_TPHDOSG	
1108073-036C	B-11-GW	08/10/11 12:10	Water	09/24/11				
							W_D6010BCAM17 W_D7470AHG	



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.
Project Name: 500 Kirkham
Project # : 1204.22
Report Due Date: 8/26/2011

QC Level:
TAT Requested: 3 day:25
Date Received: 8/23/2011
Time Received: 14:15

Comments: 5 day TAT! Received 32 soils and 8 waters @ 6'C. Dissolved metals for GW samples. Silica gel cleanup for all waters. Pretarred voas for 8260. Sample 031A received only 3 voas no liner client informed. Per client request from 08/23/2011 additional analysis added: 004 (WET/TCCLP Pb) and 015(TPH-G and VOC) on 3 day RUSH TAT. Due 08/26/2011. Only STLC Pb on 004 per client, not enough sample.

Work Order # : **1108073**

<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>
1108073-037A	B-9-GW	08/10/11 16:25	Water	09/24/11			W_8260Full W_GCMS-GRO	
Sample Note: 4 vaos unpreserved								
1108073-037B	B-9-GW	08/10/11 16:25	Water	09/24/11			W_TPHDOSG	
1108073-037C	B-9-GW	08/10/11 16:25	Water	09/24/11			W_D6010BCAM17 W_D7470AHG	
1108073-038A	B-13-GW	08/10/11 17:15	Water	09/24/11			W_8260Full W_GCMS-GRO	
Sample Note: For GW one voa unpreserved								
1108073-038B	B-13-GW	08/10/11 17:15	Water	09/24/11			W_TPHDOSG	
1108073-038C	B-13-GW	08/10/11 17:15	Water	09/24/11			W_D6010BCAM17 W_D7470AHG	
1108073-039A	B-5-GW	08/10/11 16:55	Water	09/24/11			W_8260Full W_GCMS-GRO	
1108073-039B	B-5-GW	08/10/11 16:55	Water	09/24/11			W_TPHDOSG	
1108073-039C	B-5-GW	08/10/11 16:55	Water	09/24/11			W_D6010BCAM17 W_D7470AHG	
1108073-040A	Equip BLANK	08/10/11 16:45	Water	09/24/11			W_8260Full	

northgate		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM		No 2100											
environmental management, inc.				1108073											
Project No.: 1204.22	Project Location: Oakland, CA	Date: 8/10/11	Serial No.: 1 of 3												
Project Name: 500 Kirchan	Field Logbook No.: DFR 8/10/11	ANALYSES		Samplers: A. Starovoytov											
Sampler (Signature) <i>[Signature]</i>	Samples														
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH - gas & VOCs (8260)	TPH - diesel / -oil (8015)	PCBs (8082)	SVOCs (8240)	17 Metals (5050/4000 etc)	Organochlorine Pesticides (5081)	HOLD	RUSH	REMARKS	
B-1-1.0	8/10/11	6:30	001A	1	Soil	X	X	X	X	X	X			STANDARD 5-DAY TAT	
B-1-5.0		08:35	002A			X	X	X	X	X	X				
B-1-7.0		09:40	003A			X	X	X	X	X	X			Report results to:	
B-3-1.0		09:15	004A			X	X	X	X	X	X			dennis.laduzinsky@ngem.com	
B-3-5.0		09:20	005A			X	X	X	X	X	X			anya.starovoytov@ngem.com	
B-3-9.0		09:25	006A			X	X	X	X	X	X				
B-10-1.0		09:50	007A			X	X	X	X	X	X			Dissolved Metals analysis	
B-10-5.0		09:55	008A			X	X	X	X	X	X			for GW samples	
B-10-9.0		10:00	009A			X	X	X	X	X	X				
B-12-1.0		10:40	010A			X	X	X	X	X	X			silica gel clean up on all	
B-12-5.0		10:50	011A			X	X	X	X	X	X			waters	
B-12-10.0		11:10	012A			X	X	X	X	X	X				
B-11-1.0		11:50	013A			X	X	X	X	X	X				
B-11-6.0		11:55	014A			X	X	X	X	X	X				
B-11-10.0		12:00	015A			X	X	X	X	X	X			Temp 6°C	
B-14-1.0		12:50	016A			X	X	X	X	X	X				
Relinquished by: <i>[Signature]</i>	Date: 8/10/11	Time: 17:50	Received By: <i>[Signature]</i>	Date: 8/10/11	Time: 5:50										
Relinquished by: <i>[Signature]</i>	Date: 8/10/11	Time: 19:17	Received By: <i>[Signature]</i>	Date:	Time:										
Method of Shipment: carrier pickup	Date: 8/10/11	Time: 17:50	Comments: See above in Remarks												
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														

First Carrier

northgate		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM		No. 2102								
environmental management, inc.				1108073								
Project No.: 1204.22		Project Location: Oakland, CA		Date: 8/10/11								
Project Name: 500 Kirkham		Field Logbook No.: DFR 8/10/11		Serial No.: 3 of 3								
Sampler (Signature): <i>[Signature]</i>		ANALYSES		Samplers: A. Starovoytov								
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gas & VOCs 8260	TPH-diesel/oil 8015	17 Metals 609/700 Series	VOCs only 8260	HOLD	RUSH	REMARKS
B-1-GW	8/10	0945	033A	6	Water	X	X	X				STANDARD 5 DAY TAT
B-12-GW		1106	034A	6		X	X	X				REPORT RESULTS TO:
B-12-GWD		1100	035A	5		X	X	X				DENNIS.LADUZINSKY@NGEM.COM
B-11-GW		1210	036A	6		X	X	X				ANVA.STAROVYTOV@NGEM.COM
~~B-11-GW~~ B-9-GW		1625	037A	6		X	X	X				
B-13-GW		1715	038A	6		X	X	X				
B-5-GW		1655	039A	6		X	X	X				DISSOLVED METALS
EQUIP. BLANK		1645	040A	3					X			ANALYSIS FOR GW
												SAMPLES
												SILICA GEL CLEANUP
												ON ALL WATERS
												4 VOAS UNPRESERVED:
												B-9-GW ALL
												B-13-GW ONE
Relinquished by: <i>[Signature]</i>		Date	8/10/11	Time	1750	Received By: <i>[Signature]</i>		Date	8/10/11	Time	5:50	
Relinquished by: <i>[Signature]</i>		Date	8/10/11	Time	19:17	Received By: NAVIN G		Date	8/10/11	Time	19:17	
Method of Shipment: Courier Pickup		Date	8/10/11	Time	1750	Comments: SEE ABOVE IN REMARKS						
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						

First Carrier

northgate		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM		No 2101					
environmental management, inc.				1108073					
Project No.: 1204.22		Project Location: Oakland, CA		Date: 8/10/11					
Project Name: 500 Kirkham		Field Logbook No.: DEF 8/10/11		Serial No.: 2 of 3					
Sampler (Signature) <i>[Signature]</i>		ANALYSES		Samplers: A. Starovoytov					
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-Gas & VOCs 8260 TPH-Diesel -0.1 8015 PCBS 8092 SVOCs 8290 17 Metals 6000/7600 Series Organochlorine Pesticides 8081	HOLD	RUSH	REMARKS
B-14-5.0	8/10	055	017A	1	Soil	X			STANDARD 5 DAY TAT
B-14-7.0		1360	018A			X			
B-15-1.0		1340	019A			X			REPORT RESULTS TO:
B-15-5.0		1345	020A			X			DENNIS.LADUZINSKY@NGEM.COM
B-15-9.0		1350	021A			X			ANVA.STAROVYTOV@NGEM.COM
B-9-1.0		1510	022A			X			
B-9-3.0		1515	023A			X			DISSOLVED METALS
B-9-3.0		1520	024A			X			ANALYSIS FOR GW
B-5-1.0		1605	025A			X			SAMPLES
B-5-5.0		1610	026A			X			
B-5-10.0		1615	027A			X			SILICA GEL CLEANUP
B-13-1.0		1625	028A			X			ON ALL WATERS
B-13-5.0		1630	029A			X			
B-13-8.0		1635	030A			X			Temp 6°C
B-12-1.0 D		1040	031A			X			
B-5-5.0 D		1610	032A			X			
Relinquished by: <i>[Signature]</i>		Date	Time	Received By: <i>[Signature]</i>		Date	Time		
(Signature)		8/10/11	1750	(Signature)		8/10/11	5:50		
Relinquished by: <i>[Signature]</i>		Date	Time	Received By: NAVING		Date	Time		
(Signature)		8/10/11	19:17	(Signature) <i>[Signature]</i>		8/10/11	19:17		
Method of Shipment: Carrier Pickup		Date	Time	Comments: SEE ABOVE IN REMARKS					
		8/10/11	1750						
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					

First Carrier



additional analysis for 1204.22 1108084 and 1108073

http://webmail.torrentlab.com/webmail2/src/printer_friendly_bottom.php...

From: "Anya Starovoytov" <anya.starovoytov@ngem.com>
Subject: additional analysis for 1204.22 1108084 and 1108073
Date: Tue, August 23, 2011 1:38 pm
To: pm@torrentlab.com

Dear Patti and Nutan,

We'd like to request some additional analysis for samples from 1204.22 (500 Kirkham), lab reports #1108084 and 1108073. Please reply to confirm that all of these tests can be done within holding time requirements:

Soluble Metals
Lab Report: 1108073

-004 (B-3-1.0) – WET/TCLP for lead

Lab Report: 1108084

-004 (B-8-1.0) – WET for lead

-010 (B-7-1.0) – WET for lead

-008 (B-2-5.0) – WET/TCLP for lead

Additional analyses for HOLD samples

Lab Report: 1108073

-015A (B-11-10.0) – TPH-gas and VOCs (if within holding time)

Lab Report: 1108084

-009A (B-2-9.0) – total lead and TPH-oil (if within holding time)

-006A (B-8-8.0) – total lead and TPH-oil (if within holding time)

We'd like to request this data in a 3-day rush TAT. Please let me know if the requested analyses for TPH/VOCs are outside the holding time requirements (I don't recall if any sodium bisulfate vials were submitted for any of the lower depth samples). Please call if you have any questions – I will be working remotely on Thursday so my cell will be the best way to reach me 510-506-0513.

Thank you,



Anya Starovoytov



Rush Turnaround Services REQUEST FORM



Date | 8/23/11
Company | Northgate
Ordered By | Anya S
Email | _____
(for Rush report)

Confirmation Number | TR11-11373

For Torrent Lab Use Only

Project Name | 500 Kirkham

Project Number | _____

Order ID | 1108073

Order Taken By | GG

Accounting | _____

Project Details

TAT Requested
(please check one)

☐ Same Day (2-8 Hours) ☐ One Day ☐ Noon ☐ 2 Day ☐ Noon ☒ 3 Day ☐ Noon ☐ 4 Day ☐ Noon

Number of Samples | 2

Matrix | solid
(i.e., sample type: Is your sample soil, water, etc?)

Analysis | Metals, VOA.

☐ Weekend work required (refer to chart below for respective surcharge)

This request form may be a courtesy notice which reflects the rush services requested on the chain-of-custody. Please contact *Torrent Express*SM project management immediately at pm@torrentlab.com with the subject line "Rush TAT Cancellation" if you do not want the analysis(es) to proceed. Cancellation of a *Torrent Express*SM service may be subject to a cancellation fee.

In order to facilitate processing and scheduling, please notify Torrent Laboratory at least 24 hours in advance for any *Torrent Express*SM service. Sample(s) must be received or scheduled for pick-up before 5:00 pm in order to be processed that day; all samples received after 5:00 pm will be processed the following day.

All *Torrent Express*SM Same Day and Next Day rush services will be charged a \$250.00 minimum (excluding certain fees) plus the respective surcharge(s); all other *Torrent Express*SM rush services will be charged a \$150.00 minimum (excluding certain fees) plus the respective surcharge(s).

The following table briefly describes Torrent Laboratory's *Torrent Express*SM surcharge pricing structure, please refer to your company specific price list for the precise surcharges.

	Same Day	Next Day*	2 Day*	3 Day*	4 Day*
Regular Rush	300%	150%	75%	50%	37.5%
Noon	—	200%	100%	62.5%	50%
Weekend	300%	300%	—	—	—

*business day(s)



Change Order

Work Order: 1108073

Serial #: CO11-0173

Print Date: 8/26/2011

Project Name: 500 Kirkham

Client: Northgate Environmental Management Inc.

Requested By: Northgate

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Additional Test 004-STLC Lead; 015-TPHGas+VOC watch Holding time 3 day TAT Due 8/26/2011	8/23/2011	1:38:00PM	



Northgate Environmental Management Inc.
300 Frank H. Ogawa Plaza, Suite 510
Oakland, California 94612
Tel: 5108390688
Fax: (510) 839-4350
RE: 500 Kirkham

Work Order No.: 1108084 Rev: 2

Dear Anya Starovoytov:

Torrent Laboratory, Inc. received sample(s) on August 23, 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 positioned above a horizontal line.

Patti Sandrock

August 26, 2011

Date



Date: 8/26/2011

Client: Northgate Environmental Management Inc.

Project: 500 Kirkham

Work Order: 1108084

CASE NARRATIVE

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

Note for 8260B/GCMS-GRO: Final results and PQL (Reporting Limit) have been corrected for actual mass from pre-tarred 5035 VOAs.

Analytical Comments for method S_6010B, 1108084-008 MS/MSD, QC Analytical Batch ID 406288, Note: The % recoveries for Copper and Lead are outside of laboratory control limits but are within % RPD limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.

REVISIONS:

Per client request, Lead and TPH analysis was performed on samples 006 and 009 and additional STLC and TCLP extraction and analysis was performed on samples 004, 008, 010. Due to insufficient remaining sample mass for -004, only STLC was performed per client instruction.

Note: Extraction of 100 g sample / 2000g TCLP Fluid # 1 was performed according to Toxicity Characteristic Leaching Procedure (TCLP) which was rotated in a rotary shaker for 18 hours.

TCLP: Extraction started on 8/23/11 @4.30 PM and ended on 8/24/11 @10.30 AM

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours.

STLC: Extraction started on 8/23/11 @4.30 PM and ended on 8/25/11 @4.30 PM.

Rev 1 (8/26/11)

Report revised to revise above comment to include information regarding limited mass for TCLP analysis on sample 004.

Report revised to release data for samples 006 and 009 from "hold" status.

Rev 2 (9/7/11)



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-4-1.0

1108084-001

<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	2.4	mg/Kg
Barium	SW6010B	1	1	5.0	67	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	31	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.5	mg/Kg
Lead	SW6010B	1	0.043	1.0	34	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	19	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	23	mg/Kg
Zinc	SW6010B	1	0.59	5.0	35	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	12	mg/Kg

B-4-5.0

1108084-002

<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	1.9	mg/Kg
Barium	SW6010B	1	1	5.0	65	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	25	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.6	mg/Kg
Lead	SW6010B	1	0.043	1.0	12	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	12	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: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-8-1.0

1108084-004

<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	2.9	mg/Kg
Barium	SW6010B	1	1	5.0	76	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	29	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.3	mg/Kg
Copper	SW6010B	1	0.0900	5.0	55	mg/Kg
Lead	SW6010B	1	0.043	1.0	98	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	19	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	24	mg/Kg
Zinc	SW6010B	1	0.59	5.0	130	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.17	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	13	mg/Kg
Lead (STLC)	SW6010B	1	0.0500	0.10	11	mg/L



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-8-5.0

1108084-005

<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	1.8	mg/Kg
Barium	SW6010B	1	1	5.0	89	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	26	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.1	mg/Kg
Lead	SW6010B	1	0.043	1.0	13	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	22	mg/Kg

TPH as Motor Oil	SW8015B(M)	4	16.0	38	550	mg/Kg

B-8-8.0

1108084-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Lead	SW6010B	1	0.043	1.0	3.8	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-2-1.0

1108084-007

<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	5.3	mg/Kg
Barium	SW6010B	1	1	5.0	100	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	31	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.9	mg/Kg
Copper	SW6010B	1	0.0900	5.0	44	mg/Kg
Lead	SW6010B	1	0.043	1.0	120	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	26	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	30	mg/Kg
Zinc	SW6010B	1	0.59	5.0	120	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.31	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	4.00	9.6	120	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-2-5.0

1108084-008

<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	6.6	mg/Kg
Barium	SW6010B	1	1	5.0	190	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	21	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	12	mg/Kg
Copper	SW6010B	1	0.0900	5.0	40	mg/Kg
Lead	SW6010B	1	0.043	1.0	130	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	21	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	37	mg/Kg
Zinc	SW6010B	1	0.59	5.0	130	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.24	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	4.00	9.6	160	mg/Kg
Lead (STLC)	SW6010B	1	0.0500	0.10	4.6	mg/L

B-2-9.0

1108084-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Lead	SW6010B	1	0.043	1.0	2.1	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-7-1.0

1108084-010

<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	53	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	29	mg/Kg
Copper	SW6010B	1	0.0900	5.0	6.8	mg/Kg
Lead	SW6010B	1	0.043	1.0	50	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	14	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	21	mg/Kg
Zinc	SW6010B	1	0.59	5.0	130	mg/Kg
Mercury	SW7471A	1	0.01	0.10	0.12	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	9.2	mg/Kg
Lead (STLC)	SW6010B	1	0.0500	0.10	5.7	mg/L

B-7-5.0

1108084-011

<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	58	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	25	mg/Kg
Lead	SW6010B	1	0.043	1.0	4.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	12	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	16	mg/Kg
Zinc	SW6010B	1	0.59	5.0	13	mg/Kg
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	5.2	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-6-1.0

1108084-013

<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	42	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	21	mg/Kg
Lead	SW6010B	1	0.043	1.0	2.7	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	13	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	15	mg/Kg
Zinc	SW6010B	1	0.59	5.0	14	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	4.0	mg/Kg

B-6-5.0

1108084-014

<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	50	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	22	mg/Kg
Lead	SW6010B	1	0.043	1.0	1.9	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	9.2	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	18	mg/Kg
Zinc	SW6010B	1	0.59	5.0	9.0	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	5.5	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-16-1.0

1108084-016

<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	2.5	mg/Kg
Barium	SW6010B	1	1	5.0	58	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	12	mg/Kg
Lead	SW6010B	1	0.043	1.0	41	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	19	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	21	mg/Kg
Zinc	SW6010B	1	0.59	5.0	45	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	4.00	9.6	270	mg/Kg

B-16-5.0

1108084-017

<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	2.0	mg/Kg
Barium	SW6010B	1	1	5.0	50	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	38	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	6.9	mg/Kg
Copper	SW6010B	1	0.0900	5.0	5.6	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.2	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	29	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	27	mg/Kg
Zinc	SW6010B	1	0.59	5.0	18	mg/Kg



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-7-1.0D

1108084-019

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
TPH as Motor Oil	SW8015B(M)	1	1.65	4.0	8.9	mg/Kg

B-4-GW

1108084-020

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chloromethane	SW8260B	1	0.41	0.50	0.88	ug/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.044	mg/L

B-8-GW

1108084-021

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Methylene Chloride	SW8260B	1.22	0.21	6.1	0.36	ug/L
Chloroform	SW8260B	1.22	0.36	0.61	4.9	ug/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.091	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0052	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.015	mg/L



Sample Result Summary

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

B-16-GW

1108084-022

<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	0.010	mg/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.12	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0057	mg/L
Molybdenum (Dissolved)	SW6010B	1	0.002	0.009	0.022	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.059	mg/L

FB

1108084-023

<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.

IDW

1108084-024

<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	39	mg/Kg
Chromium	SW6010B	1	0.0590	5.0	31	mg/Kg
Cobalt	SW6010B	1	0.14	5.0	5.5	mg/Kg
Lead	SW6010B	1	0.043	1.0	3.0	mg/Kg
Nickel	SW6010B	1	0.0590	5.0	25	mg/Kg
Vanadium	SW6010B	1	0.12	5.0	21	mg/Kg
Zinc	SW6010B	1	0.59	5.0	18	mg/Kg

TPH as Motor Oil	SW8015B(M)	1	4.00	9.6	57	mg/Kg

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1108084-025

<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: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.9	8.9	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.1	8.9	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.4	8.9	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.2	8.9	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.6	8.9	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.3	8.9	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	8.9	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.99	8.9	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.3	8.9	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	45	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.9	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.9	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.9	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.9	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.5	8.9	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	8.9	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	8.9	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.99	8.9	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.0	8.9	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.87	8.9	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.9	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.77	8.9	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.9	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.76	8.9	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.59	4.5	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.68	8.9	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.9	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	8.9	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.7	8.9	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	8.9	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.0	8.9	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.9	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.97	8.9	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	8.9	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.9	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.9	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	8.9	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.8	8.9	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.3	8.9	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.9	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.9	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.6	8.9	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	93.1		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	83.6		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	97.0		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.4		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	67		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	31		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	6.5		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	34		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	19		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	23		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	35		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
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Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	1	1.1	2.0	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	1	0.32	2.0	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	1	0.42	2.0	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	1	0.59	2.0	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	1	0.48	2.0	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	1	0.43	2.0	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	1	0.57	2.0	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	1	0.47	2.0	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	1	1.5	2.0	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	1	0.81	2.0	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	1	1.0	2.0	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	1	0.62	5.0	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	1	10	20	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	1	10	100	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	1	52.5	139	98.2		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	1	50.2	139	88.6		%	406333	3420



SAMPLE RESULTS

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Date Received: 08/23/11
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Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	95.6		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	104		%	406326	3419



SAMPLE RESULTS

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Date Received: 08/23/11
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Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-1.0	Lab Sample ID:	1108084-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	45.5		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	51.8		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	56.9		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	51.3		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	61.5		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	48.7		%	406316	3385

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	15	89	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	96.4		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	12		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	114		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.8	8.7	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.0	8.7	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.3	8.7	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.1	8.7	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.7	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	44	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.7	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.7	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.4	8.7	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.9	8.7	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.85	8.7	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.58	4.4	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.67	8.7	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.7	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.9	8.7	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.94	8.7	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	88.9		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	89.2		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	97.9		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	1.9		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	65		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	25		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	5.6		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	12		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	12		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	20		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	19		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	90.6		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	83.1		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-5.0	Lab Sample ID:	1108084-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	44.5		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	53.0		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	62.6		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	54.4		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	66.0		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	50.9		%	406316	3385

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	15	87	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	86.3		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	ND		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	120		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.8	8.7	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.0	8.7	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.3	8.7	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.1	8.7	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.2	8.7	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	18	44	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.1	8.7	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.0	8.7	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.4	8.7	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.97	8.7	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.9	8.7	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.85	8.7	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.8	8.7	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.5	8.7	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.75	8.7	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.58	4.4	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.67	8.7	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	8.7	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.0	8.7	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.6	8.7	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.98	8.7	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.9	8.7	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.2	8.7	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.94	8.7	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.4	8.7	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	8.7	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	8.7	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	8.7	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.7	8.7	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.2	8.7	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.9	8.7	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.5	8.7	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	92.9		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	90.3		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	92.8		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead (STLC)	SW6010B	8/25/11	08/26/11	1	0.0500	0.10	11		mg/L	406447	3496

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	2.9		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	76		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	29		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.3		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	55		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	98		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	19		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	24		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	130		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.17		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	1	1.1	2.0	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	1	0.32	2.0	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	1	0.42	2.0	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	1	0.59	2.0	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	1	0.48	2.0	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	1	0.43	2.0	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	1	0.57	2.0	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	1	0.47	2.0	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	1	1.5	2.0	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	1	0.81	2.0	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	1	1.0	2.0	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	1	0.62	5.0	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	1	10	20	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	1	10	100	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	1	52.5	139	99.2		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	1	50.2	139	94.3		%	406333	3420



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	93.4		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	97.6		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	10	100	99.0	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	10	16.7	50.0	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	10	18.6	50.0	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.1	999	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.8	50.0	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	10	17.6	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	10	21.0	50.0	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	10	14.1	50.0	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	10	7.05	50.0	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	10	8.00	50.0	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	10	8.70	99.0	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	10	7.95	99.0	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	10	20.1	999	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	10	848	50.0	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	10	8.85	50.0	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	10	13.7	50.0	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	10	9.90	50.0	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	10	15.5	50.0	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	10	4.20	50.0	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	14.4	50.0	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	18.3	50.0	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	10	9.00	495	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	10	17.9	50.0	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	16.0	50.0	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	10	12.9	50.0	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	13.0	50.0	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	10	14.6	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	10	4.50	495	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	10	11.9	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	10	17.7	50.0	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	10	16.5	50.0	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.3	495	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	10	15.3	50.0	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	10	15.5	495	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	10	21.5	50.0	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	10	16.4	255	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	99.0	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	10	56.7	495	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	10	22.3	50.0	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	10	13.5	50.0	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	10	22.7	50.0	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	10	23.1	50.0	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	10	26.7	50.0	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	10	12.6	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-1.0	Lab Sample ID:	1108084-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 8:55		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	10	20.9	50.0	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	10	25.7	50.0	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	10	20.4	50.0	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	10	19.8	50.0	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	10	23.0	50.0	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	10	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	10	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	10	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	10	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	10	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	10	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	15	87	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	74.6		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	13		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	117		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.4	7.8	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.6	7.8	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.1	7.8	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.6	7.8	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.8	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.8	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	2.9	7.8	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	7.8	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.87	7.8	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.8	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	39	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.8	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	7.8	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	1.9	7.8	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.97	7.8	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.8	7.8	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	0.95	7.8	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	7.8	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.95	7.8	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.8	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	7.8	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.8	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	7.8	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.0	7.8	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.8	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	7.8	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.87	7.8	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.5	7.8	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.8	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.77	7.8	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.90	7.8	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.87	7.8	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.8	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.67	7.8	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.3	7.8	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.67	7.8	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.52	3.9	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.60	7.8	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	7.8	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.97	7.8	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.8	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.93	7.8	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.4	7.8	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.88	7.8	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.6	7.8	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.8	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.8	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.8	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.85	7.8	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	7.8	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.8	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.8	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	7.8	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.8	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.8	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.3	7.8	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.0	7.8	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	7.8	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.8	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.8	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	93.6		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	90.2		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	106		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	1.8		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	89		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	26		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	ND		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	6.1		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	13		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	16		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	19		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	22		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	81.8		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	78.5		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	25	250	248	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	25	41.6	125	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	25	46.5	125	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	25	48.8	125	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	25	25.1	2500	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	25	27.0	125	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	25	43.9	125	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	25	25.9	125	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	25	52.5	125	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	25	35.3	125	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	25	17.6	125	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	25	20.0	125	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	25	21.8	248	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	25	19.9	248	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	25	50.3	2500	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	25	2120	125	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	25	22.1	125	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	25	27.8	125	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	25	39.4	125	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	25	34.1	125	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	25	24.8	125	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	25	38.6	125	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	25	30.0	125	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	25	10.5	125	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	25	36.0	125	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	25	45.8	125	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	25	22.5	1240	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	25	44.6	125	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	25	40.0	125	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	25	32.3	125	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	25	32.5	125	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	25	26.3	125	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	25	36.4	125	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	25	11.3	1240	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	25	29.6	125	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	25	10.1	125	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	25	45.0	125	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	25	44.3	125	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	25	37.5	125	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	25	30.4	125	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	25	25.1	125	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	25	41.3	125	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	25	30.8	1240	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	25	38.3	125	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	25	38.6	1240	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	25	53.6	125	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	25	50.2	125	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	25	40.9	638	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	25	50.1	248	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	25	142	1240	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	25	55.6	125	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	25	33.8	125	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	25	56.6	125	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	25	57.8	125	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	25	66.8	125	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	25	31.5	125	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-5.0	Lab Sample ID:	1108084-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:00		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	25	52.1	125	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	25	50.3	125	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	25	64.1	125	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	25	51.0	125	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	25	49.5	125	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	25	57.4	125	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	25	57.0	125	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	25	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	25	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	25	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	25	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	25	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	25	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	78	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	67.8		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	4	7.36	19	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	4	16.0	38	550		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	4	59.7	129	91.4		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-8-8.0	Lab Sample ID:	1108084-006A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead	SW6010B	8/24/11	08/24/11	1	0.043	1.0	3.8		mg/Kg	406410	3479

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Motor Oil	SW8015B(M)	8/25/11	08/25/11	1	1.65	4.0	ND		mg/Kg	406448	3494
Pentacosane (S)	SW8015B(M)	8/25/11	08/25/11	1	59.7	129	117		mg/Kg	406448	3494



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.0	9.2	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.2	9.2	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.4	9.2	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.3	9.2	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.7	9.2	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.4	9.2	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	9.2	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.2	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	19	46	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.2	9.2	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.1	9.2	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.2	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.8	9.2	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.6	9.2	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.1	9.2	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.90	9.2	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.2	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.79	9.2	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.9	9.2	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.79	9.2	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.61	4.6	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.70	9.2	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.8	9.2	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.1	9.2	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.9	9.2	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.3	9.2	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.6	9.2	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.6	9.2	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.1		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	95.8		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	117		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/15/11	08/16/11	1	0.20	5.0	ND		mg/Kg	406267	3389
Arsenic	SW6010B	8/15/11	08/16/11	1	0.28	1.7	5.3		mg/Kg	406267	3389
Barium	SW6010B	8/15/11	08/16/11	1	1	5.0	100		mg/Kg	406267	3389
Beryllium	SW6010B	8/15/11	08/16/11	1	0.0840	2.0	ND		mg/Kg	406267	3389
Cadmium	SW6010B	8/15/11	08/16/11	1	0.0590	1.0	ND		mg/Kg	406267	3389
Chromium	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	31		mg/Kg	406267	3389
Cobalt	SW6010B	8/15/11	08/16/11	1	0.14	5.0	6.9		mg/Kg	406267	3389
Copper	SW6010B	8/15/11	08/16/11	1	0.0900	5.0	44		mg/Kg	406267	3389
Lead	SW6010B	8/15/11	08/16/11	1	0.043	1.0	120		mg/Kg	406267	3389
Molybdenum	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	ND		mg/Kg	406267	3389
Nickel	SW6010B	8/15/11	08/16/11	1	0.0590	5.0	26		mg/Kg	406267	3389
Selenium	SW6010B	8/15/11	08/16/11	1	0.29	5.0	ND		mg/Kg	406267	3389
Silver	SW6010B	8/15/11	08/16/11	1	1.0	1.0	ND		mg/Kg	406267	3389
Thallium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	ND		mg/Kg	406267	3389
Vanadium	SW6010B	8/15/11	08/16/11	1	0.12	5.0	30		mg/Kg	406267	3389
Zinc	SW6010B	8/15/11	08/16/11	1	0.59	5.0	120		mg/Kg	406267	3389

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.31		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	10	4.4	20	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	10	4.0	20	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	10	3.6	20	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	10	4.9	20	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	10	11	20	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	10	4.4	20	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	10	3.2	20	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	10	4.2	20	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	10	3.6	20	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	10	5.9	20	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	10	4.8	20	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	10	4.3	20	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	10	5.7	20	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	10	4.7	20	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	10	15	20	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	10	8.1	20	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	10	10	20	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	10	4.9	20	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	10	6.2	50	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	10	4.0	20	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	10	100	200	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	10	100	100	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	10	52.5	139	91.5		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	10	50.2	139	90.0		%	406333	3420

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Toxaphene reported to the MDL.



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	88.5		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	94.6		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	20	200	198	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	20	33.3	100	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	20	37.2	100	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	20	39.0	100	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	20	20.1	2000	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	20	21.6	100	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	20	35.1	100	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	20	20.7	100	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	20	42.0	100	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	20	28.2	100	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	20	14.1	100	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	20	16.0	100	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	20	17.4	198	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	20	15.9	198	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	20	40.2	2000	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	20	1700	100	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	20	17.7	100	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	20	22.2	100	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	20	31.5	100	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	20	27.3	100	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	20	19.8	100	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	20	30.9	100	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	20	24.0	100	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	20	8.40	100	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	20	28.8	100	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	20	36.6	100	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	20	18.0	990	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	20	35.7	100	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	20	32.0	100	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	20	25.8	100	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	20	26.0	100	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	20	21.0	100	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	20	29.1	100	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	20	9.00	990	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	20	23.7	100	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	20	8.10	100	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	20	36.0	100	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	20	35.4	100	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	20	30.0	100	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	20	24.3	100	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	20	20.1	100	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	20	33.0	100	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	20	24.6	990	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	20	30.6	100	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	20	30.9	990	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	20	42.9	100	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	20	40.1	100	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	20	32.7	510	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	20	40.1	198	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	20	113	990	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	20	44.5	100	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	20	27.0	100	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	20	45.3	100	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	20	46.2	100	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	20	53.4	100	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	20	25.2	100	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-2-1.0	Lab Sample ID:	1108084-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:15		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	20	41.7	100	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	20	40.2	100	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	20	51.3	100	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	20	40.8	100	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	20	39.6	100	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	20	45.9	100	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	20	45.6	100	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	20	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	20	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	20	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	20	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	20	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	20	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	16	92	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	60.8		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	1.84	4.8	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	4.00	9.6	120		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	86.1		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.1	9.3	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.3	9.3	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.5	9.3	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.3	9.3	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.7	9.3	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.5	9.3	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.3	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	19	47	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.2	9.3	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	9.3	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.1	9.3	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.3	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.6	9.3	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.2	9.3	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.91	9.3	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.3	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.3	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.80	9.3	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.9	9.3	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.80	9.3	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.61	4.7	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.71	9.3	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.8	9.3	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.1	9.3	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.9	9.3	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.4	9.3	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.6	9.3	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.7	9.3	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	96.7		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	91.2		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	112		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead (STLC)	SW6010B	8/25/11	08/26/11	1	0.0500	0.10	4.6		mg/L	406447	3496

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead (TCLP)	SW6010B	8/24/11	08/25/11	1	0.05	0.10	ND		mg/L	406421	3489

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	6.6		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	190		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	21		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	12		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	40		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	130		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	21		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	37		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	130		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.24		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	87.0		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	100		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	10	100	99.0	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	10	16.7	50.0	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	10	18.6	50.0	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.1	999	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.8	50.0	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	10	17.6	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	10	21.0	50.0	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	10	14.1	50.0	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	10	7.05	50.0	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	10	8.00	50.0	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	10	8.70	99.0	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	10	7.95	99.0	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	10	20.1	999	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	10	848	50.0	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	10	8.85	50.0	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	10	13.7	50.0	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	10	9.90	50.0	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	10	15.5	50.0	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	10	4.20	50.0	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	14.4	50.0	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	18.3	50.0	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	10	9.00	495	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	10	17.9	50.0	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	16.0	50.0	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	10	12.9	50.0	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	13.0	50.0	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	10	14.6	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	10	4.50	495	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	10	11.9	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	10	17.7	50.0	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	10	16.5	50.0	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.3	495	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	10	15.3	50.0	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	10	15.5	495	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	10	21.5	50.0	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	10	16.4	255	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	99.0	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	10	56.7	495	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	10	22.3	50.0	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	10	13.5	50.0	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	10	22.7	50.0	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	10	23.1	50.0	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	10	26.7	50.0	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	10	12.6	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-2-5.0	Lab Sample ID:	1108084-008A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	10	20.9	50.0	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	10	25.7	50.0	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	10	20.4	50.0	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	10	19.8	50.0	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	10	23.0	50.0	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	10	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	10	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	10	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	10	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	10	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	10	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	16	93	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	72.4		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	1.84	4.8	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	4.00	9.6	160		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	83.7		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-2-9.0	Lab Sample ID:	1108084-009A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:25		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead	SW6010B	8/24/11	08/24/11	1	0.043	1.0	2.1		mg/Kg	406410	3479

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Motor Oil	SW8015B(M)	8/25/11	08/25/11	1	1.65	4.0	ND		mg/Kg	406448	3494
Pentacosane (S)	SW8015B(M)	8/25/11	08/25/11	1	59.7	129	95.3		mg/Kg	406448	3494



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.5	10	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.7	10	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.7	10	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.8	10	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	3.0	10	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.8	10	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	2.0	10	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.7	10	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	21	52	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.3	10	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.5	10	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.4	10	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.7	10	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	2.1	10	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	2.0	10	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	4.0	10	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.3	10	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.6	10	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	1.0	10	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	2.1	10	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.89	10	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	4.3	10	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.88	10	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.9	10	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.68	5.2	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.79	10	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	2.0	10	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.3	10	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	3.1	10	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.2	10	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.4	10	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.6	10	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.1	10	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.7	10	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.8	10	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.5	10	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.3	10	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	10	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	4.4	10	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.6	10	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	10	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.9	10	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	3.0	10	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.6		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	86.7		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	103		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead (STLC)	SW6010B	8/25/11	08/26/11	1	0.0500	0.10	5.7		mg/L	406447	3496

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	ND		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	53		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	29		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	ND		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	6.8		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	50		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	14		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	21		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	130		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	0.12		mg/Kg	406270	3393



SAMPLE RESULTS

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Northgate Environmental Management Inc.

Date Received: 08/23/11
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Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	1	1.1	2.0	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	1	0.32	2.0	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	1	0.42	2.0	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	1	0.59	2.0	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	1	0.48	2.0	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	1	0.43	2.0	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	1	0.57	2.0	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	1	0.47	2.0	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	1	1.5	2.0	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	1	0.81	2.0	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	1	1.0	2.0	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	1	0.62	5.0	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	1	10	20	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	1	10	100	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	1	52.5	139	85.0		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	1	50.2	139	58.9		%	406333	3420

NOTE: Reporting limits increased due to the nature of the sample matrix (dark color extract). Toxaphene reported to the MDL.



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	87.2		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	87.9		%	406326	3419



SAMPLE RESULTS

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Date Received: 08/23/11
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Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	10	100	99.0	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	10	16.7	50.0	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	10	18.6	50.0	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.1	999	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.8	50.0	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	10	17.6	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	10	21.0	50.0	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	10	14.1	50.0	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	10	7.05	50.0	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	10	8.00	50.0	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	10	8.70	99.0	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	10	7.95	99.0	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	10	20.1	999	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	10	848	50.0	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	10	8.85	50.0	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	10	13.7	50.0	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	10	9.90	50.0	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	10	15.5	50.0	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	10	4.20	50.0	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	14.4	50.0	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	18.3	50.0	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	10	9.00	495	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	10	17.9	50.0	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	16.0	50.0	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	10	12.9	50.0	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	13.0	50.0	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	10	14.6	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	10	4.50	495	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	10	11.9	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	10	17.7	50.0	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	10	16.5	50.0	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.3	495	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	10	15.3	50.0	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	10	15.5	495	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	10	21.5	50.0	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	10	16.4	255	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	99.0	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	10	56.7	495	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	10	22.3	50.0	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	10	13.5	50.0	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	10	22.7	50.0	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	10	23.1	50.0	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	10	26.7	50.0	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	10	12.6	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0	Lab Sample ID:	1108084-010A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	10	20.9	50.0	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	10	25.7	50.0	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	10	20.4	50.0	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	10	19.8	50.0	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	10	23.0	50.0	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	10	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	10	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	10	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	10	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	10	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	10	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	18	100	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	85.0		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	9.2		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	104		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.4	7.7	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.7	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.6	7.7	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	2.9	7.7	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	39	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.98	7.7	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	1.9	7.7	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.8	7.7	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.94	7.7	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.0	7.7	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.5	7.7	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.76	7.7	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.89	7.7	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.86	7.7	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.7	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.66	7.7	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.51	3.9	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.59	7.7	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	7.7	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.95	7.7	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.91	7.7	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.7	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.87	7.7	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.6	7.7	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.84	7.7	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	7.7	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.7	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.7	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	7.7	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.7	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.7	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.3	7.7	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.0	7.7	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.7	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.7	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	93.6		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	91.1		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	102		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	ND		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	58		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	25		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	ND		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	ND		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	4.2		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	12		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	16		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	13		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	67.8		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	52.5	S	%	406326	3419

NOTE: Surrogate recovery of DCBP is bias low possibly due to matrix effects; recovery of second surrogate supports data quality.



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-5.0	Lab Sample ID:	1108084-011A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:35		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	48.9		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	62.3		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	74.1		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	63.4		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	77.2		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	80.9		%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	77	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	67.2		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	5.2		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	104		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.1	9.4	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.3	9.4	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.5	9.4	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.4	9.4	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.7	9.4	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.5	9.4	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.5	9.4	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.9	9.4	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.4	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.4	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	20	47	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.1	9.4	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.4	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.3	9.4	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.7	9.4	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.4	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.2	9.4	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.4	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.4	9.4	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.4	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.4	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.8	9.4	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.6	9.4	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.1	9.4	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.4	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.4	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.2	9.4	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.4	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.92	9.4	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.7	9.4	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.4	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.4	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.4	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.81	9.4	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	4.0	9.4	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.81	9.4	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.4	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.62	4.7	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.72	9.4	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.8	9.4	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.2	9.4	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.4	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.8	9.4	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.1	9.4	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.1	9.4	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.4	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.4	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.4	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.4	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.4	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.4	9.4	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.7	9.4	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.4	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.1	9.4	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.4	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	4.0	9.4	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.4	9.4	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.0	9.4	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.7	9.4	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.7	9.4	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	90.7		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	86.5		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	106		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	ND		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	42		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	21		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	ND		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	ND		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	2.7		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	13		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	15		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	14		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	1	1.1	2.0	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	1	0.44	2.0	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	1	0.32	2.0	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	1	0.42	2.0	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	1	0.36	2.0	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	1	0.59	2.0	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	1	0.48	2.0	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	1	0.43	2.0	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	1	0.57	2.0	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	1	0.47	2.0	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	1	1.5	2.0	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	1	0.81	2.0	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	1	1.0	2.0	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	1	0.49	2.0	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	1	0.62	5.0	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	1	0.40	2.0	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	1	10	20	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	1	10	100	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	1	52.5	139	87.6		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	1	50.2	139	70.0		%	406333	3420



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	87.9		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	87.7		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-1.0	Lab Sample ID:	1108084-013A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:55		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	67.4		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	72.7		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	77.1		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	69.4		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	80.5		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	82.8		%	406316	3385

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	16	94	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	82.8		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	4.0		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	110		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.5	7.9	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.6	7.9	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.1	7.9	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.7	7.9	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.3	7.9	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.9	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	2.9	7.9	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.6	7.9	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.88	7.9	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.0	7.9	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	40	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.7	7.9	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.0	7.9	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	1.9	7.9	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	7.9	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.98	7.9	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.8	7.9	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	0.96	7.9	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.3	7.9	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.96	7.9	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.9	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.2	7.9	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.6	7.9	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.5	7.9	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.1	7.9	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.7	7.9	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.0	7.9	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.88	7.9	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.5	7.9	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.9	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.78	7.9	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.9	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.91	7.9	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.9	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.89	7.9	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.6	7.9	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.4	7.9	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.68	7.9	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.3	7.9	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.68	7.9	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.5	7.9	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.52	4.0	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.60	7.9	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.5	7.9	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.98	7.9	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.9	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.94	7.9	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.4	7.9	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.89	7.9	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.6	7.9	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	7.9	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.3	7.9	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.9	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.86	7.9	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.3	7.9	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.2	7.9	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	7.9	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	7.9	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.7	7.9	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.0	7.9	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.3	7.9	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.0	7.9	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.7	7.9	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.2	7.9	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.3	7.9	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	95.9		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	97.6		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	122		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	ND		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	50		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	22		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	ND		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	ND		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	1.9		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	9.2		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	18		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	9.0		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	133		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	79.2		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	8/15/11	08/16/11	1	0.660	0.653	ND		mg/Kg	406316	3385
N-Nitrosdimethylamine	SW8270C	8/15/11	08/16/11	1	0.110	0.330	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	1	0.123	0.330	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	1	0.129	0.330	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0663	6.59	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0713	0.330	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	1	0.116	0.330	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	1	0.0683	0.330	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	1	0.139	0.330	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	1	0.0931	0.330	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	1	0.0465	0.330	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0528	0.330	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	1	0.0574	0.653	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0525	0.653	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	1	0.133	6.59	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	1	5.59	0.330	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	1	0.0584	0.330	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	1	0.0733	0.330	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	1	0.104	0.330	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	1	0.0901	0.330	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	1	0.0653	0.330	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	1	0.102	0.330	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	1	0.0792	0.330	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	1	0.0277	0.330	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.0950	0.330	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	1	0.121	0.330	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	1	0.0594	3.27	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Dimethyl phthalate	SW8270C	8/15/11	08/16/11	1	0.118	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.106	0.330	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	1	0.0851	0.330	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.0858	0.330	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0693	0.330	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	1	0.0960	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	1	0.0297	3.27	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	1	0.0782	0.330	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	1	0.0267	0.330	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	1	0.119	0.330	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	1	0.117	0.330	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	1	0.0990	0.330	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	1	0.0802	0.330	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	1	0.0663	0.330	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	1	0.109	0.330	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	1	0.0812	3.27	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	1	0.101	0.330	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	1	0.102	3.27	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	1	0.142	0.330	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	1	0.132	0.330	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	1	0.108	1.68	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	1	0.132	0.653	ND		mg/Kg	406316	3385
Benidine	SW8270C	8/15/11	08/16/11	1	0.374	3.27	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	1	0.147	0.330	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	1	0.0891	0.330	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	1	0.149	0.330	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	1	0.152	0.330	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	1	0.176	0.330	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	1	0.0832	0.330	ND		mg/Kg	406316	3385
Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	1	0.138	0.330	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.133	0.330	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-6-5.0	Lab Sample ID:	1108084-014A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 11:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	1	0.169	0.330	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	1	0.135	0.330	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	1	0.131	0.330	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	1	0.151	0.330	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	1	0.150	0.330	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	1	19	122	61.0		%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	1	30	115	61.0		%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	1	25	121	67.5		%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	1	23	120	60.2		%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	1	24	113	71.5		%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	1	18	137	84.6		%	406316	3385

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	79	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	50.5		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	5.5		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	123		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	3.3	7.5	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	3.5	7.5	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.0	7.5	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	3.5	7.5	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.2	7.5	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.2	7.5	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	2.8	7.5	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.5	7.5	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	0.83	7.5	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	1.9	7.5	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	16	38	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	1.6	7.5	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	0.96	7.5	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	1.8	7.5	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.3	7.5	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.93	7.5	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	1.7	7.5	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	0.91	7.5	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.2	7.5	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	0.91	7.5	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.5	7.5	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.4	7.5	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	2.9	7.5	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	1.6	7.5	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	0.98	7.5	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	0.84	7.5	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	3.4	7.5	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.74	7.5	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.4	7.5	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	0.87	7.5	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.4	7.5	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	0.84	7.5	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.5	7.5	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.3	7.5	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.65	7.5	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.2	7.5	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.64	7.5	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.4	7.5	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.50	3.8	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.57	7.5	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.4	7.5	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	0.93	7.5	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	0.89	7.5	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.3	7.5	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.84	7.5	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	2.5	7.5	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.5	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.2	7.5	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	0.81	7.5	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.2	7.5	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.3	7.5	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.1	7.5	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	1.6	7.5	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	0.98	7.5	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.2	7.5	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	1.9	7.5	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	1.6	7.5	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.1	7.5	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.2	7.5	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	89.1		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	86.9		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	89.9		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	2.5		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	58		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	24		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	5.1		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	12		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	41		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	19		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	21		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	45		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

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.

alpha-BHC	SW8081A	8/18/11	08/18/11	20	8.8	40	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	20	7.9	40	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	20	7.3	40	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	20	9.8	40	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	20	22	40	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	20	8.8	40	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	20	6.3	40	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	20	8.4	40	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	20	7.2	40	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	20	12	40	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	20	9.5	40	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	20	8.5	40	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	20	11	40	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	20	9.4	40	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	20	31	40	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	20	16	40	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	20	21	40	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	20	9.8	40	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	20	12	100	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	20	8.0	40	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	20	200	400	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	20	200	2000	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	20	52.5	139	112		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	20	50.2	139	107		%	406333	3420

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



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	93.6		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	99.6		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	10	1000	990	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	10	167	500	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	10	186	500	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	10	195	500	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	10	104	500	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	10	195	500	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	111	500	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	101	9990	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	10	158	500	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	108	500	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	10	176	500	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	10	104	500	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	10	210	500	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	10	141	500	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	10	70.5	500	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	10	80.0	500	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	10	87.0	990	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	10	79.5	990	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	10	201	9990	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	10	8480	500	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	10	88.5	500	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	158	500	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	10	111	500	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	158	500	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	10	137	500	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	10	150	500	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	10	99.0	500	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	10	155	500	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	120	500	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	120	500	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	10	42.0	500	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	144	500	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	183	500	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	10	90.0	4950	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	10	105	500	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	10	179	500	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	160	500	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	10	129	500	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	40.5	500	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	130	500	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	10	105	500	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	10	146	500	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	10	45.0	4950	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	10	101	500	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	10	119	500	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	40.5	500	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	180	500	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	180	500	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	10	177	500	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	10	150	500	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	122	500	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	10	122	500	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	10	101	500	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	10	101	500	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	10	165	500	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	123	4950	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	10	153	500	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	10	155	4950	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	10	215	500	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	10	201	500	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	10	201	500	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	10	164	2550	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	10	201	990	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	10	567	4950	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	10	223	500	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	10	135	500	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	10	227	500	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	10	231	500	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	10	267	500	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	10	126	500	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-1.0	Lab Sample ID:	1108084-016A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:05		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	10	209	500	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	10	201	500	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	10	257	500	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	10	204	500	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	10	198	500	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	10	230	500	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	10	228	500	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	228	500	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	10	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	10	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	10	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	10	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	10	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	10	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	13	75	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	65.7		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	1.84	4.8	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	4.00	9.6	270		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	95.8		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.0	9.2	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.2	9.2	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.4	9.2	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.3	9.2	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.7	9.2	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.4	9.2	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	9.2	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.2	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	19	46	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.2	9.2	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.1	9.2	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.2	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.8	9.2	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.6	9.2	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.1	9.2	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.90	9.2	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.2	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.79	9.2	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.9	9.2	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.79	9.2	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.61	4.6	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.70	9.2	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.7	9.2	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.2	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.8	9.2	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.1	9.2	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.2	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.2	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.3	9.2	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.6	9.2	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.2	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.2	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.9	9.2	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.3	9.2	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.0	9.2	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.6	9.2	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.6	9.2	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	91.6		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	93.4		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	106		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	2.0		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	50		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	38		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	6.9		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	5.6		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	3.2		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	29		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	27		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	18		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Aroclor1016	SW8082	8/18/11	08/18/11	1	0.0230	0.10	ND		mg/Kg	406326	3419
Aroclor1221	SW8082	8/18/11	08/18/11	1	0.0920	0.20	ND		mg/Kg	406326	3419
Aroclor1232	SW8082	8/18/11	08/18/11	1	0.0460	0.10	ND		mg/Kg	406326	3419
Aroclor1242	SW8082	8/18/11	08/18/11	1	0.0430	0.10	ND		mg/Kg	406326	3419
Aroclor1248	SW8082	8/18/11	08/18/11	1	0.0360	0.10	ND		mg/Kg	406326	3419
Aroclor1254	SW8082	8/18/11	08/18/11	1	0.0240	0.10	ND		mg/Kg	406326	3419
Aroclor1260	SW8082	8/18/11	08/18/11	1	0.0270	0.10	ND		mg/Kg	406326	3419
TCMX (S)	SW8082	8/18/11	08/18/11	1	50.4	136	81.8		%	406326	3419
DCBP (S)	SW8082	8/18/11	08/18/11	1	55.1	113	83.2		%	406326	3419



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

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.

Pyridine	SW8270C	8/15/11	08/16/11	10	100	99.0	ND		mg/Kg	406316	3385
N-Nitrosodimethylamine	SW8270C	8/15/11	08/16/11	10	16.7	50.0	ND		mg/Kg	406316	3385
Aniline	SW8270C	8/15/11	08/16/11	10	18.6	50.0	ND		mg/Kg	406316	3385
Phenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroethyl) ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
2-Chlorophenol	SW8270C	8/15/11	08/16/11	10	19.5	50.0	ND		mg/Kg	406316	3385
1,3-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
1,4-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.1	999	ND		mg/Kg	406316	3385
Benzyl Alcohol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2-Dichlorobenzene	SW8270C	8/15/11	08/16/11	10	10.8	50.0	ND		mg/Kg	406316	3385
2-Methylphenol (o-Cresol)	SW8270C	8/15/11	08/16/11	10	17.6	50.0	ND		mg/Kg	406316	3385
Bis(2-chloroisopropyl)ether	SW8270C	8/15/11	08/16/11	10	10.4	50.0	ND		mg/Kg	406316	3385
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	8/15/11	08/16/11	10	21.0	50.0	ND		mg/Kg	406316	3385
N-nitroso-di-n-propylamine	SW8270C	8/15/11	08/16/11	10	14.1	50.0	ND		mg/Kg	406316	3385
Hexachloroethane	SW8270C	8/15/11	08/16/11	10	7.05	50.0	ND		mg/Kg	406316	3385
Nitrobenzene	SW8270C	8/15/11	08/16/11	10	8.00	50.0	ND		mg/Kg	406316	3385
Isophorone	SW8270C	8/15/11	08/16/11	10	8.70	99.0	ND		mg/Kg	406316	3385
2-Nitrophenol	SW8270C	8/15/11	08/16/11	10	7.95	99.0	ND		mg/Kg	406316	3385
2,4-Dimethylphenol	SW8270C	8/15/11	08/16/11	10	20.1	999	ND		mg/Kg	406316	3385
Benzoic Acid	SW8270C	8/15/11	08/16/11	10	848	50.0	ND		mg/Kg	406316	3385
Bis(2-Chloroethoxy)methane	SW8270C	8/15/11	08/16/11	10	8.85	50.0	ND		mg/Kg	406316	3385
2,4-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
1,2,4-Trichlorobenzene	SW8270C	8/15/11	08/16/11	10	11.1	50.0	ND		mg/Kg	406316	3385
2,6-Dichlorophenol	SW8270C	8/15/11	08/16/11	10	15.8	50.0	ND		mg/Kg	406316	3385
Naphthalene	SW8270C	8/15/11	08/16/11	10	13.7	50.0	ND		mg/Kg	406316	3385
4-Chloroaniline	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
Hexachloro-1,3-butadiene	SW8270C	8/15/11	08/16/11	10	9.90	50.0	ND		mg/Kg	406316	3385
4-Chloro-3-methylphenol	SW8270C	8/15/11	08/16/11	10	15.5	50.0	ND		mg/Kg	406316	3385
2-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
1-Methylnaphthalene	SW8270C	8/15/11	08/16/11	10	12.0	50.0	ND		mg/Kg	406316	3385
Hexachlorocyclopentadiene	SW8270C	8/15/11	08/16/11	10	4.20	50.0	ND		mg/Kg	406316	3385
2,4,6-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	14.4	50.0	ND		mg/Kg	406316	3385
2,4,5-Trichlorophenol	SW8270C	8/15/11	08/16/11	10	18.3	50.0	ND		mg/Kg	406316	3385
2-Chloronaphthalene	SW8270C	8/15/11	08/16/11	10	9.00	495	ND		mg/Kg	406316	3385
2-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

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.

Dimethyl phthalate	SW8270C	8/15/11	08/16/11	10	17.9	50.0	ND		mg/Kg	406316	3385
1,3-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	16.0	50.0	ND		mg/Kg	406316	3385
Acenaphthylene	SW8270C	8/15/11	08/16/11	10	12.9	50.0	ND		mg/Kg	406316	3385
2,6-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
1,2-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	13.0	50.0	ND		mg/Kg	406316	3385
3-Nitroaniline	SW8270C	8/15/11	08/16/11	10	10.5	50.0	ND		mg/Kg	406316	3385
Acenaphthene	SW8270C	8/15/11	08/16/11	10	14.6	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrophenol	SW8270C	8/15/11	08/16/11	10	4.50	495	ND		mg/Kg	406316	3385
4-Nitrophenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Dibenzofuran	SW8270C	8/15/11	08/16/11	10	11.9	50.0	ND		mg/Kg	406316	3385
2,4-Dinitrotoluene	SW8270C	8/15/11	08/16/11	10	4.05	50.0	ND		mg/Kg	406316	3385
2,3,5,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
2,3,4,6-Tetrachlorophenol	SW8270C	8/15/11	08/16/11	10	18.0	50.0	ND		mg/Kg	406316	3385
Diethylphthalate	SW8270C	8/15/11	08/16/11	10	17.7	50.0	ND		mg/Kg	406316	3385
Fluorene	SW8270C	8/15/11	08/16/11	10	15.0	50.0	ND		mg/Kg	406316	3385
4-Chlorophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4-Nitroaniline	SW8270C	8/15/11	08/16/11	10	12.2	50.0	ND		mg/Kg	406316	3385
4,6-Dinitro-2-methylphenol	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Diphenylamine	SW8270C	8/15/11	08/16/11	10	10.1	50.0	ND		mg/Kg	406316	3385
Azobenzene	SW8270C	8/15/11	08/16/11	10	16.5	50.0	ND		mg/Kg	406316	3385
4-Bromophenyl phenyl ether	SW8270C	8/15/11	08/16/11	10	12.3	495	ND		mg/Kg	406316	3385
Hexachlorobenzene	SW8270C	8/15/11	08/16/11	10	15.3	50.0	ND		mg/Kg	406316	3385
Pentachlorophenol	SW8270C	8/15/11	08/16/11	10	15.5	495	ND		mg/Kg	406316	3385
Phenanthrene	SW8270C	8/15/11	08/16/11	10	21.5	50.0	ND		mg/Kg	406316	3385
Anthracene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Carbazole	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Di-n-butylphthalate	SW8270C	8/15/11	08/16/11	10	16.4	255	ND		mg/Kg	406316	3385
Fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	99.0	ND		mg/Kg	406316	3385
Benzidine	SW8270C	8/15/11	08/16/11	10	56.7	495	ND		mg/Kg	406316	3385
Pyrene	SW8270C	8/15/11	08/16/11	10	22.3	50.0	ND		mg/Kg	406316	3385
Benzyl butyl phthalate	SW8270C	8/15/11	08/16/11	10	13.5	50.0	ND		mg/Kg	406316	3385
Benz[a]anthracene	SW8270C	8/15/11	08/16/11	10	22.7	50.0	ND		mg/Kg	406316	3385
3,3'-Dichlorobenzidine	SW8270C	8/15/11	08/16/11	10	23.1	50.0	ND		mg/Kg	406316	3385
Chrysene	SW8270C	8/15/11	08/16/11	10	26.7	50.0	ND		mg/Kg	406316	3385
Bis(2-Ethylhexyl)phthalate	SW8270C	8/15/11	08/16/11	10	12.6	50.0	ND		mg/Kg	406316	3385



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-5.0	Lab Sample ID:	1108084-017A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:10		
Tag Number:	500 Kirkham		

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.

Di-n-octyl phthalate	SW8270C	8/15/11	08/16/11	10	20.9	50.0	ND		mg/Kg	406316	3385
Benzo[b]fluoranthene	SW8270C	8/15/11	08/16/11	10	20.1	50.0	ND		mg/Kg	406316	3385
Benzo[k]fluoranthene	SW8270C	8/15/11	08/16/11	10	25.7	50.0	ND		mg/Kg	406316	3385
Benzo[a]pyrene	SW8270C	8/15/11	08/16/11	10	20.4	50.0	ND		mg/Kg	406316	3385
Indeno[1,2,3-cd]pyrene	SW8270C	8/15/11	08/16/11	10	19.8	50.0	ND		mg/Kg	406316	3385
Dibenz[a,h]anthracene	SW8270C	8/15/11	08/16/11	10	23.0	50.0	ND		mg/Kg	406316	3385
Benzo[g,h,i]perylene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
1,4-Dinitrobenzene	SW8270C	8/15/11	08/16/11	10	22.8	50.0	ND		mg/Kg	406316	3385
2,4,6-Tribromophenol (S)	SW8270C	8/15/11	08/16/11	10	19	122	0.000	S,D	%	406316	3385
2-Fluorobiphenyl (S)	SW8270C	8/15/11	08/16/11	10	30	115	0.000	S,D	%	406316	3385
2-Fluorophenol (S)	SW8270C	8/15/11	08/16/11	10	25	121	0.000	S,D	%	406316	3385
Nitrobenzene-d5 (S)	SW8270C	8/15/11	08/16/11	10	23	120	0.000	S,D	%	406316	3385
Phenol-d6 (S)	SW8270C	8/15/11	08/16/11	10	24	113	0.000	S,D	%	406316	3385
p-Terphenyl-d14 (S)	SW8270C	8/15/11	08/16/11	10	18	137	0.000	S,D	%	406316	3385

NOTE: D - Surrogates not recoverable due to dilution of the sample. Reporting limits increased due to the nature of the sample matrix (viscous and dark color extract).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	16	92	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	60.6		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	ND		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	108		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0D	Lab Sample ID:	1108084-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/15/11	1	4.1	9.3	ND		ug/Kg	406253	NA
Chloromethane	SW8260B	NA	08/15/11	1	4.3	9.3	ND		ug/Kg	406253	NA
Vinyl Chloride	SW8260B	NA	08/15/11	1	2.5	9.3	ND		ug/Kg	406253	NA
Bromomethane	SW8260B	NA	08/15/11	1	4.3	9.3	ND		ug/Kg	406253	NA
Trichlorofluoromethane	SW8260B	NA	08/15/11	1	2.7	9.3	ND		ug/Kg	406253	NA
1,1-Dichloroethene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
Freon 113	SW8260B	NA	08/15/11	1	3.5	9.3	ND		ug/Kg	406253	NA
Methylene Chloride	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
MTBE	SW8260B	NA	08/15/11	1	2.4	9.3	ND		ug/Kg	406253	NA
tert-Butanol	SW8260B	NA	08/15/11	1	19	47	ND		ug/Kg	406253	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,1-Dichloroethane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
ETBE	SW8260B	NA	08/15/11	1	2.2	9.3	ND		ug/Kg	406253	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/15/11	1	1.6	9.3	ND		ug/Kg	406253	NA
2,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
Bromochloromethane	SW8260B	NA	08/15/11	1	2.1	9.3	ND		ug/Kg	406253	NA
Chloroform	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
Carbon Tetrachloride	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
1,1,1-Trichloroethane	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Benzene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
TAME	SW8260B	NA	08/15/11	1	1.9	9.3	ND		ug/Kg	406253	NA
1,2-Dichloroethane	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
Trichloroethylene	SW8260B	NA	08/15/11	1	3.6	9.3	ND		ug/Kg	406253	NA
Dibromomethane	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,2-Dichloropropane	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
Bromodichloromethane	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
2-Chloroethyl vinyl ether	SW8260B	NA	08/15/11	1	4.2	9.3	ND		ug/Kg	406253	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Toluene	SW8260B	NA	08/15/11	1	0.91	9.3	ND		ug/Kg	406253	NA
Tetrachloroethylene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1,2-Trichloroethane	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
Dibromochloromethane	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
1,3-Dichloropropane	SW8260B	NA	08/15/11	1	1.9	9.3	ND		ug/Kg	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-7-1.0D	Lab Sample ID:	1108084-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	08/15/11	1	1.6	9.3	ND		ug/Kg	406253	NA
Ethyl Benzene	SW8260B	NA	08/15/11	1	0.80	9.3	ND		ug/Kg	406253	NA
Chlorobenzene	SW8260B	NA	08/15/11	1	3.9	9.3	ND		ug/Kg	406253	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	0.80	9.3	ND		ug/Kg	406253	NA
m,p-Xylene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
o-Xylene	SW8260B	NA	08/15/11	1	0.61	4.7	ND		ug/Kg	406253	NA
Styrene	SW8260B	NA	08/15/11	1	0.71	9.3	ND		ug/Kg	406253	NA
Bromoform	SW8260B	NA	08/15/11	1	1.8	9.3	ND		ug/Kg	406253	NA
Isopropyl Benzene	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
n-Propylbenzene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
Bromobenzene	SW8260B	NA	08/15/11	1	1.1	9.3	ND		ug/Kg	406253	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/15/11	1	2.8	9.3	ND		ug/Kg	406253	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
1,2,3-Trichloropropane	SW8260B	NA	08/15/11	1	3.1	9.3	ND		ug/Kg	406253	NA
4-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
2-Chlorotoluene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
tert-Butylbenzene	SW8260B	NA	08/15/11	1	1.3	9.3	ND		ug/Kg	406253	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/15/11	1	1.0	9.3	ND		ug/Kg	406253	NA
sec-Butyl Benzene	SW8260B	NA	08/15/11	1	1.5	9.3	ND		ug/Kg	406253	NA
p-Isopropyltoluene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
1,3-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.7	9.3	ND		ug/Kg	406253	NA
1,4-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.4	9.3	ND		ug/Kg	406253	NA
n-Butylbenzene	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
1,2-Dichlorobenzene	SW8260B	NA	08/15/11	1	1.2	9.3	ND		ug/Kg	406253	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/15/11	1	3.9	9.3	ND		ug/Kg	406253	NA
Hexachlorobutadiene	SW8260B	NA	08/15/11	1	2.4	9.3	ND		ug/Kg	406253	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.0	9.3	ND		ug/Kg	406253	NA
Naphthalene	SW8260B	NA	08/15/11	1	2.6	9.3	ND		ug/Kg	406253	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/15/11	1	2.7	9.3	ND		ug/Kg	406253	NA
(S) Dibromofluoromethane	SW8260B	NA	08/15/11	1	59.8	148	91.5		%	406253	NA
(S) Toluene-d8	SW8260B	NA	08/15/11	1	55.2	133	93.1		%	406253	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/15/11	1	55.8	141	109		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-7-1.0D	Lab Sample ID:	1108084-019A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 10:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	16	93	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	68.9		%	406253	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	0.759	2.0	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	1.65	4.0	8.9		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	105		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-GW	Lab Sample ID:	1108084-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/16/11	1	0.41	0.50	ND		ug/L	406300	NA
Chloromethane	SW8260B	NA	08/16/11	1	0.41	0.50	0.88		ug/L	406300	NA
Vinyl Chloride	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromomethane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Trichlorofluoromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
1,1-Dichloroethene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Freon 113	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Methylene Chloride	SW8260B	NA	08/16/11	1	0.18	5.0	ND		ug/L	406300	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
MTBE	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
tert-Butanol	SW8260B	NA	08/16/11	1	1.5	5.0	ND		ug/L	406300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/16/11	1	0.36	0.50	ND		ug/L	406300	NA
1,1-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
ETBE	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
2,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromochloromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
Chloroform	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Carbon Tetrachloride	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
1,1,1-Trichloroethane	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,1-Dichloropropene	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
Benzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
TAME	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Trichloroethylene	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Dibromomethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromodichloromethane	SW8260B	NA	08/16/11	1	0.23	0.50	ND		ug/L	406300	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
Toluene	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA
Tetrachloroethylene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
1,1,2-Trichloroethane	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Dibromochloromethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,3-Dichloropropane	SW8260B	NA	08/16/11	1	0.18	0.50	ND		ug/L	406300	NA
1,2-Dibromoethane	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-GW	Lab Sample ID:	1108084-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/16/11	1	0.14	0.50	ND		ug/L	406300	NA
Ethyl Benzene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.10	0.50	ND		ug/L	406300	NA
m,p-Xylene	SW8260B	NA	08/16/11	1	0.20	1.0	ND		ug/L	406300	NA
o-Xylene	SW8260B	NA	08/16/11	1	0.13	0.50	ND		ug/L	406300	NA
Styrene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Bromoform	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Isopropyl Benzene	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Bromobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
n-Propylbenzene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
2-Chlorotoluene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
4-Chlorotoluene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
tert-Butylbenzene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
1,2,3-Trichloropropane	SW8260B	NA	08/16/11	1	0.59	1.0	ND		ug/L	406300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
sec-Butyl Benzene	SW8260B	NA	08/16/11	1	0.24	0.50	ND		ug/L	406300	NA
p-Isopropyltoluene	SW8260B	NA	08/16/11	1	0.25	0.50	ND		ug/L	406300	NA
1,3-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
1,4-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
n-Butylbenzene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Hexachlorobutadiene	SW8260B	NA	08/16/11	1	0.22	0.50	ND		ug/L	406300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.48	1.0	ND		ug/L	406300	NA
Naphthalene	SW8260B	NA	08/16/11	1	0.57	1.0	ND		ug/L	406300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.52	1.0	ND		ug/L	406300	NA
(S) Dibromofluoromethane	SW8260B	NA	08/16/11	1	61.2	131	95.2		%	406300	NA
(S) Toluene-d8	SW8260B	NA	08/16/11	1	75.1	127	92.3		%	406300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/16/11	1	64.1	120	91.3		%	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-4-GW	Lab Sample ID:	1108084-020A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/16/11	1	22	50	ND		ug/L	406300	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/16/11	1	34	114	71.1		%	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-GW	Lab Sample ID:	1108084-020B
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	82.2		%	406321	3402



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-4-GW	Lab Sample ID:	1108084-020C
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.044		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-GW	Lab Sample ID:	1108084-021A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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.

Dichlorodifluoromethane	SW8260B	NA	08/16/11	1.22	0.50	0.61	ND		ug/L	406300	NA
Chloromethane	SW8260B	NA	08/16/11	1.22	0.50	0.61	ND		ug/L	406300	NA
Vinyl Chloride	SW8260B	NA	08/16/11	1.22	0.45	0.61	ND		ug/L	406300	NA
Bromomethane	SW8260B	NA	08/16/11	1.22	0.46	0.61	ND		ug/L	406300	NA
Trichlorofluoromethane	SW8260B	NA	08/16/11	1.22	0.42	0.61	ND		ug/L	406300	NA
1,1-Dichloroethene	SW8260B	NA	08/16/11	1.22	0.35	0.61	ND		ug/L	406300	NA
Freon 113	SW8260B	NA	08/16/11	1.22	0.46	0.61	ND		ug/L	406300	NA
Methylene Chloride	SW8260B	NA	08/16/11	1.22	0.21	6.1	0.36	J	ug/L	406300	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/16/11	1.22	0.38	0.61	ND		ug/L	406300	NA
MTBE	SW8260B	NA	08/16/11	1.22	0.46	0.61	ND		ug/L	406300	NA
tert-Butanol	SW8260B	NA	08/16/11	1.22	1.8	6.1	ND		ug/L	406300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/16/11	1.22	0.44	0.61	ND		ug/L	406300	NA
1,1-Dichloroethane	SW8260B	NA	08/16/11	1.22	0.34	0.61	ND		ug/L	406300	NA
ETBE	SW8260B	NA	08/16/11	1.22	0.48	0.61	ND		ug/L	406300	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/16/11	1.22	0.40	0.61	ND		ug/L	406300	NA
2,2-Dichloropropane	SW8260B	NA	08/16/11	1.22	0.46	0.61	ND		ug/L	406300	NA
Bromochloromethane	SW8260B	NA	08/16/11	1.22	0.42	0.61	ND		ug/L	406300	NA
Chloroform	SW8260B	NA	08/16/11	1.22	0.36	0.61	4.9		ug/L	406300	NA
Carbon Tetrachloride	SW8260B	NA	08/16/11	1.22	0.32	0.61	ND		ug/L	406300	NA
1,1,1-Trichloroethane	SW8260B	NA	08/16/11	1.22	0.39	0.61	ND		ug/L	406300	NA
1,1-Dichloropropene	SW8260B	NA	08/16/11	1.22	0.48	0.61	ND		ug/L	406300	NA
Benzene	SW8260B	NA	08/16/11	1.22	0.41	0.61	ND		ug/L	406300	NA
TAME	SW8260B	NA	08/16/11	1.22	0.39	0.61	ND		ug/L	406300	NA
1,2-Dichloroethane	SW8260B	NA	08/16/11	1.22	0.34	0.61	ND		ug/L	406300	NA
Trichloroethylene	SW8260B	NA	08/16/11	1.22	0.46	0.61	ND		ug/L	406300	NA
Dibromomethane	SW8260B	NA	08/16/11	1.22	0.26	0.61	ND		ug/L	406300	NA
1,2-Dichloropropane	SW8260B	NA	08/16/11	1.22	0.45	0.61	ND		ug/L	406300	NA
Bromodichloromethane	SW8260B	NA	08/16/11	1.22	0.28	0.61	ND		ug/L	406300	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/16/11	1.22	0.37	0.61	ND		ug/L	406300	NA
Toluene	SW8260B	NA	08/16/11	1.22	0.23	0.61	ND		ug/L	406300	NA
Tetrachloroethylene	SW8260B	NA	08/16/11	1.22	0.18	0.61	ND		ug/L	406300	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/16/11	1.22	0.25	0.61	ND		ug/L	406300	NA
1,1,2-Trichloroethane	SW8260B	NA	08/16/11	1.22	0.25	0.61	ND		ug/L	406300	NA
Dibromochloromethane	SW8260B	NA	08/16/11	1.22	0.26	0.61	ND		ug/L	406300	NA
1,3-Dichloropropane	SW8260B	NA	08/16/11	1.22	0.22	0.61	ND		ug/L	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-GW	Lab Sample ID:	1108084-021A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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.

1,2-Dibromoethane	SW8260B	NA	08/16/11	1.22	0.24	0.61	ND		ug/L	406300	NA
Chlorobenzene	SW8260B	NA	08/16/11	1.22	0.17	0.61	ND		ug/L	406300	NA
Ethyl Benzene	SW8260B	NA	08/16/11	1.22	0.19	0.61	ND		ug/L	406300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/16/11	1.22	0.12	0.61	ND		ug/L	406300	NA
m,p-Xylene	SW8260B	NA	08/16/11	1.22	0.24	1.2	ND		ug/L	406300	NA
o-Xylene	SW8260B	NA	08/16/11	1.22	0.16	0.61	ND		ug/L	406300	NA
Styrene	SW8260B	NA	08/16/11	1.22	0.24	0.61	ND		ug/L	406300	NA
Bromoform	SW8260B	NA	08/16/11	1.22	0.55	1.2	ND		ug/L	406300	NA
Isopropyl Benzene	SW8260B	NA	08/16/11	1.22	0.34	0.61	ND		ug/L	406300	NA
Bromobenzene	SW8260B	NA	08/16/11	1.22	0.48	0.61	ND		ug/L	406300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/16/11	1.22	0.31	0.61	ND		ug/L	406300	NA
n-Propylbenzene	SW8260B	NA	08/16/11	1.22	0.36	0.61	ND		ug/L	406300	NA
2-Chlorotoluene	SW8260B	NA	08/16/11	1.22	0.40	0.61	ND		ug/L	406300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/16/11	1.22	0.24	0.61	ND		ug/L	406300	NA
4-Chlorotoluene	SW8260B	NA	08/16/11	1.22	0.40	0.61	ND		ug/L	406300	NA
tert-Butylbenzene	SW8260B	NA	08/16/11	1.22	0.35	0.61	ND		ug/L	406300	NA
1,2,3-Trichloropropane	SW8260B	NA	08/16/11	1.22	0.72	1.2	ND		ug/L	406300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/16/11	1.22	0.40	0.61	ND		ug/L	406300	NA
sec-Butyl Benzene	SW8260B	NA	08/16/11	1.22	0.30	0.61	ND		ug/L	406300	NA
p-Isopropyltoluene	SW8260B	NA	08/16/11	1.22	0.30	0.61	ND		ug/L	406300	NA
1,3-Dichlorobenzene	SW8260B	NA	08/16/11	1.22	0.38	0.61	ND		ug/L	406300	NA
1,4-Dichlorobenzene	SW8260B	NA	08/16/11	1.22	0.45	0.61	ND		ug/L	406300	NA
n-Butylbenzene	SW8260B	NA	08/16/11	1.22	0.39	0.61	ND		ug/L	406300	NA
1,2-Dichlorobenzene	SW8260B	NA	08/16/11	1.22	0.48	0.61	ND		ug/L	406300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/16/11	1.22	0.55	1.2	ND		ug/L	406300	NA
Hexachlorobutadiene	SW8260B	NA	08/16/11	1.22	0.27	0.61	ND		ug/L	406300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/16/11	1.22	0.59	1.2	ND		ug/L	406300	NA
Naphthalene	SW8260B	NA	08/16/11	1.22	0.70	1.2	ND		ug/L	406300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/16/11	1.22	0.64	1.2	ND		ug/L	406300	NA
(S) Dibromofluoromethane	SW8260B	NA	08/16/11	1.22	61.2	131	94.7		%	406300	NA
(S) Toluene-d8	SW8260B	NA	08/16/11	1.22	75.1	127	92.1		%	406300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/16/11	1.22	64.1	120	92.5		%	406300	NA

NOTE: Reporting limits were raised due to sediment in all VOAs.



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-8-GW	Lab Sample ID:	1108084-021A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

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(Gasoline)	8260TPH	NA	08/16/11	1.22	26	61	ND		ug/L	406300	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/16/11	1.22	34	114	71.1		%	406300	NA

NOTE: Raised reporting limit - see comment for 8260B analysis.



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-GW	Lab Sample ID:	1108084-021B
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	73.4		%	406321	3402



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-8-GW	Lab Sample ID:	1108084-021C
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 9:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.091		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0052		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.015		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-GW	Lab Sample ID:	1108084-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/16/11	1	0.41	0.50	ND		ug/L	406300	NA
Chloromethane	SW8260B	NA	08/16/11	1	0.41	0.50	ND		ug/L	406300	NA
Vinyl Chloride	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromomethane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Trichlorofluoromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
1,1-Dichloroethene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Freon 113	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Methylene Chloride	SW8260B	NA	08/16/11	1	0.18	5.0	ND		ug/L	406300	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
MTBE	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
tert-Butanol	SW8260B	NA	08/16/11	1	1.5	5.0	ND		ug/L	406300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/16/11	1	0.36	0.50	ND		ug/L	406300	NA
1,1-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
ETBE	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
2,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromochloromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
Chloroform	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Carbon Tetrachloride	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
1,1,1-Trichloroethane	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,1-Dichloropropene	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
Benzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
TAME	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Trichloroethylene	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Dibromomethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromodichloromethane	SW8260B	NA	08/16/11	1	0.23	0.50	ND		ug/L	406300	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
Toluene	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA
Tetrachloroethylene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
1,1,2-Trichloroethane	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Dibromochloromethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,3-Dichloropropane	SW8260B	NA	08/16/11	1	0.18	0.50	ND		ug/L	406300	NA
1,2-Dibromoethane	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-GW	Lab Sample ID:	1108084-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/16/11	1	0.14	0.50	ND		ug/L	406300	NA
Ethyl Benzene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.10	0.50	ND		ug/L	406300	NA
m,p-Xylene	SW8260B	NA	08/16/11	1	0.20	1.0	ND		ug/L	406300	NA
o-Xylene	SW8260B	NA	08/16/11	1	0.13	0.50	ND		ug/L	406300	NA
Styrene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Bromoform	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Isopropyl Benzene	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Bromobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
n-Propylbenzene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
2-Chlorotoluene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
4-Chlorotoluene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
tert-Butylbenzene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
1,2,3-Trichloropropane	SW8260B	NA	08/16/11	1	0.59	1.0	ND		ug/L	406300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
sec-Butyl Benzene	SW8260B	NA	08/16/11	1	0.24	0.50	ND		ug/L	406300	NA
p-Isopropyltoluene	SW8260B	NA	08/16/11	1	0.25	0.50	ND		ug/L	406300	NA
1,3-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
1,4-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
n-Butylbenzene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Hexachlorobutadiene	SW8260B	NA	08/16/11	1	0.22	0.50	ND		ug/L	406300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.48	1.0	ND		ug/L	406300	NA
Naphthalene	SW8260B	NA	08/16/11	1	0.57	1.0	ND		ug/L	406300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.52	1.0	ND		ug/L	406300	NA
(S) Dibromofluoromethane	SW8260B	NA	08/16/11	1	61.2	131	95.8		%	406300	NA
(S) Toluene-d8	SW8260B	NA	08/16/11	1	75.1	127	93.1		%	406300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/16/11	1	64.1	120	93.0		%	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11

Date Reported: 08/26/11

Client Sample ID:	B-16-GW	Lab Sample ID:	1108084-022A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/16/11	1	22	50	ND		ug/L	406300	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/16/11	1	34	114	68.7		%	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-GW	Lab Sample ID:	1108084-022B
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	79.0		%	406321	3402



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	B-16-GW	Lab Sample ID:	1108084-022C
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 12:30		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	0.010		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.12		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	0.0057		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.022		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	0.059		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	FB	Lab Sample ID:	1108084-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/16/11	1	0.41	0.50	ND		ug/L	406300	NA
Chloromethane	SW8260B	NA	08/16/11	1	0.41	0.50	ND		ug/L	406300	NA
Vinyl Chloride	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromomethane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Trichlorofluoromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
1,1-Dichloroethene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Freon 113	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Methylene Chloride	SW8260B	NA	08/16/11	1	0.18	5.0	ND		ug/L	406300	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
MTBE	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
tert-Butanol	SW8260B	NA	08/16/11	1	1.5	5.0	ND		ug/L	406300	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/16/11	1	0.36	0.50	ND		ug/L	406300	NA
1,1-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
ETBE	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
2,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromochloromethane	SW8260B	NA	08/16/11	1	0.34	0.50	ND		ug/L	406300	NA
Chloroform	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
Carbon Tetrachloride	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
1,1,1-Trichloroethane	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,1-Dichloropropene	SW8260B	NA	08/16/11	1	0.40	0.50	ND		ug/L	406300	NA
Benzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
TAME	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichloroethane	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Trichloroethylene	SW8260B	NA	08/16/11	1	0.38	0.50	ND		ug/L	406300	NA
Dibromomethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,2-Dichloropropane	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
Bromodichloromethane	SW8260B	NA	08/16/11	1	0.23	0.50	ND		ug/L	406300	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
Toluene	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA
Tetrachloroethylene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
1,1,2-Trichloroethane	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Dibromochloromethane	SW8260B	NA	08/16/11	1	0.21	0.50	ND		ug/L	406300	NA
1,3-Dichloropropane	SW8260B	NA	08/16/11	1	0.18	0.50	ND		ug/L	406300	NA
1,2-Dibromoethane	SW8260B	NA	08/16/11	1	0.19	0.50	ND		ug/L	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	FB	Lab Sample ID:	1108084-023A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/16/11	1	0.14	0.50	ND		ug/L	406300	NA
Ethyl Benzene	SW8260B	NA	08/16/11	1	0.15	0.50	ND		ug/L	406300	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.10	0.50	ND		ug/L	406300	NA
m,p-Xylene	SW8260B	NA	08/16/11	1	0.20	1.0	ND		ug/L	406300	NA
o-Xylene	SW8260B	NA	08/16/11	1	0.13	0.50	ND		ug/L	406300	NA
Styrene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
Bromoform	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Isopropyl Benzene	SW8260B	NA	08/16/11	1	0.28	0.50	ND		ug/L	406300	NA
Bromobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/16/11	1	0.26	0.50	ND		ug/L	406300	NA
n-Propylbenzene	SW8260B	NA	08/16/11	1	0.30	0.50	ND		ug/L	406300	NA
2-Chlorotoluene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.20	0.50	ND		ug/L	406300	NA
4-Chlorotoluene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
tert-Butylbenzene	SW8260B	NA	08/16/11	1	0.29	0.50	ND		ug/L	406300	NA
1,2,3-Trichloropropane	SW8260B	NA	08/16/11	1	0.59	1.0	ND		ug/L	406300	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/16/11	1	0.33	0.50	ND		ug/L	406300	NA
sec-Butyl Benzene	SW8260B	NA	08/16/11	1	0.24	0.50	ND		ug/L	406300	NA
p-Isopropyltoluene	SW8260B	NA	08/16/11	1	0.25	0.50	ND		ug/L	406300	NA
1,3-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.31	0.50	ND		ug/L	406300	NA
1,4-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.37	0.50	ND		ug/L	406300	NA
n-Butylbenzene	SW8260B	NA	08/16/11	1	0.32	0.50	ND		ug/L	406300	NA
1,2-Dichlorobenzene	SW8260B	NA	08/16/11	1	0.39	0.50	ND		ug/L	406300	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/16/11	1	0.45	1.0	ND		ug/L	406300	NA
Hexachlorobutadiene	SW8260B	NA	08/16/11	1	0.22	0.50	ND		ug/L	406300	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.48	1.0	ND		ug/L	406300	NA
Naphthalene	SW8260B	NA	08/16/11	1	0.57	1.0	ND		ug/L	406300	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/16/11	1	0.52	1.0	ND		ug/L	406300	NA
(S) Dibromofluoromethane	SW8260B	NA	08/16/11	1	61.2	131	89.9		%	406300	NA
(S) Toluene-d8	SW8260B	NA	08/16/11	1	75.1	127	91.6		%	406300	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/16/11	1	64.1	120	88.4		%	406300	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	IDW	Lab Sample ID:	1108084-024A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony	SW6010B	8/16/11	08/17/11	1	0.20	5.0	ND		mg/Kg	406288	3405
Arsenic	SW6010B	8/16/11	08/17/11	1	0.28	1.7	ND		mg/Kg	406288	3405
Barium	SW6010B	8/16/11	08/17/11	1	1	5.0	39		mg/Kg	406288	3405
Beryllium	SW6010B	8/16/11	08/17/11	1	0.0840	2.0	ND		mg/Kg	406288	3405
Cadmium	SW6010B	8/16/11	08/17/11	1	0.0590	1.0	ND		mg/Kg	406288	3405
Chromium	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	31		mg/Kg	406288	3405
Cobalt	SW6010B	8/16/11	08/17/11	1	0.14	5.0	5.5		mg/Kg	406288	3405
Copper	SW6010B	8/16/11	08/17/11	1	0.0900	5.0	ND		mg/Kg	406288	3405
Lead	SW6010B	8/16/11	08/17/11	1	0.043	1.0	3.0		mg/Kg	406288	3405
Molybdenum	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	ND		mg/Kg	406288	3405
Nickel	SW6010B	8/16/11	08/17/11	1	0.0590	5.0	25		mg/Kg	406288	3405
Selenium	SW6010B	8/16/11	08/17/11	1	0.29	5.0	ND		mg/Kg	406288	3405
Silver	SW6010B	8/16/11	08/17/11	1	1.0	1.0	ND		mg/Kg	406288	3405
Thallium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	ND		mg/Kg	406288	3405
Vanadium	SW6010B	8/16/11	08/17/11	1	0.12	5.0	21		mg/Kg	406288	3405
Zinc	SW6010B	8/16/11	08/17/11	1	0.59	5.0	18		mg/Kg	406288	3405

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	8/15/11	08/16/11	1	0.01	0.10	ND		mg/Kg	406270	3393



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	IDW	Lab Sample ID:	1108084-024A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	8/18/11	08/18/11	4	1.8	8.0	ND		ug/Kg	406333	3420
gamma-BHC	SW8081A	8/18/11	08/18/11	4	1.6	8.0	ND		ug/Kg	406333	3420
beta-BHC	SW8081A	8/18/11	08/18/11	4	1.5	8.0	ND		ug/Kg	406333	3420
delta-BHC	SW8081A	8/18/11	08/18/11	4	2.0	8.0	ND		ug/Kg	406333	3420
Heptachlor	SW8081A	8/18/11	08/18/11	4	4.4	8.0	ND		ug/Kg	406333	3420
Aldrin	SW8081A	8/18/11	08/18/11	4	1.8	8.0	ND		ug/Kg	406333	3420
Heptachlor epoxide	SW8081A	8/18/11	08/18/11	4	1.3	8.0	ND		ug/Kg	406333	3420
gamma-Chlordane	SW8081A	8/18/11	08/18/11	4	1.7	8.0	ND		ug/Kg	406333	3420
alpha-Chlordane	SW8081A	8/18/11	08/18/11	4	1.4	8.0	ND		ug/Kg	406333	3420
Endosulfan I	SW8081A	8/18/11	08/18/11	4	2.4	8.0	ND		ug/Kg	406333	3420
4,4'-DDE	SW8081A	8/18/11	08/18/11	4	1.9	8.0	ND		ug/Kg	406333	3420
Dieldrin	SW8081A	8/18/11	08/18/11	4	1.7	8.0	ND		ug/Kg	406333	3420
Endrin	SW8081A	8/18/11	08/18/11	4	2.3	8.0	ND		ug/Kg	406333	3420
4,4'-DDD	SW8081A	8/18/11	08/18/11	4	1.9	8.0	ND		ug/Kg	406333	3420
Endosulfan II	SW8081A	8/18/11	08/18/11	4	6.1	8.0	ND		ug/Kg	406333	3420
4,4'-DDT	SW8081A	8/18/11	08/18/11	4	3.2	8.0	ND		ug/Kg	406333	3420
Endrin aldehyde	SW8081A	8/18/11	08/18/11	4	4.1	8.0	ND		ug/Kg	406333	3420
Endosulfan sulfate	SW8081A	8/18/11	08/18/11	4	2.0	8.0	ND		ug/Kg	406333	3420
Methoxychlor	SW8081A	8/18/11	08/18/11	4	2.5	20	ND		ug/Kg	406333	3420
Endrin Ketone	SW8081A	8/18/11	08/18/11	4	1.6	8.0	ND		ug/Kg	406333	3420
Chlordane	SW8081A	8/18/11	08/18/11	4	40	80	ND		ug/Kg	406333	3420
Toxaphene	SW8081A	8/18/11	08/18/11	4	40	400	ND		ug/Kg	406333	3420
TCMX (S)	SW8081A	8/18/11	08/18/11	4	52.5	139	85.0		%	406333	3420
DCBP (S)	SW8081A	8/18/11	08/18/11	4	50.2	139	73.5		%	406333	3420

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

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	NA	08/15/11	1	17	100	ND		ug/Kg	406253	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	08/15/11	1	43.9	127	73.3		%	406253	NA



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	IDW	Lab Sample ID:	1108084-024A
Project Name/Location:	500 Kirkham	Sample Matrix:	Soil
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	8/18/11	08/18/11	1	1.84	4.8	ND		mg/Kg	406325	3418
TPH as Motor Oil	SW8015B(M)	8/18/11	08/18/11	1	4.00	9.6	57		mg/Kg	406325	3418
Pentacosane (S)	SW8015B(M)	8/18/11	08/18/11	1	59.7	129	90.7		mg/Kg	406325	3418



SAMPLE RESULTS

Report prepared for: Anya Starovoytov
Northgate Environmental Management Inc.

Date Received: 08/23/11
Date Reported: 08/26/11

Client Sample ID:	EQUIP BLANK	Lab Sample ID:	1108084-025A
Project Name/Location:	500 Kirkham	Sample Matrix:	Groundwater
Project Number:	1204.22		
Date/Time Sampled:	08/11/11 / 13:22		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Arsenic (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.009	ND		mg/L	406242	3377
Barium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Beryllium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cadmium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.001	0.005	ND		mg/L	406242	3377
Chromium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Cobalt (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Copper (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.003	0.009	ND		mg/L	406242	3377
Lead (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.005	0.014	ND		mg/L	406242	3377
Molybdenum (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Nickel (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377
Selenium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.02	ND		mg/L	406242	3377
Silver (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.005	ND		mg/L	406242	3377
Thallium (dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Vanadium (Dissolved)	SW6010B	8/12/11	08/15/11	1	0.004	0.009	ND		mg/L	406242	3377
Zinc (dissolved)	SW6010B	8/12/11	08/15/11	1	0.002	0.009	ND		mg/L	406242	3377

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7470A	8/12/11	08/15/11	1	0.00005	0.0002	ND		mg/L	406238	3365



MB Summary Report

Work Order:	1108084	Prep Method:	7470A	Prep Date:	08/12/11	Prep Batch:	3365
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/15/11	Analytical Batch:	406238
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Mercury 0.00005 0.0002 0.00007

Work Order:	1108084	Prep Method:	3005	Prep Date:	08/12/11	Prep Batch:	3377
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/15/11	Analytical Batch:	406242
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Antimony (Dissolved)	0.004	0.009	ND	
Arsenic (Dissolved)	0.005	0.009	ND	
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	0.00357	
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	ND	
Vanadium (Dissolved)	0.004	0.009	ND	
Zinc (dissolved)	0.002	0.009	ND	



MB Summary Report

Work Order:	1108084	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Pyridine	0.660	0.653	ND	
N-Nitrosodimethylamine	0.110	0.330	ND	
Aniline	0.123	0.330	ND	
Phenol	0.129	0.330	ND	
Bis(2-chloroethyl) ether	0.0683	0.330	ND	
2-Chlorophenol	0.129	0.330	ND	
1,3-Dichlorobenzene	0.0733	0.330	ND	
1,4-Dichlorobenzene	0.0663	6.59	ND	
Benzyl Alcohol	0.104	0.330	ND	
1,2-Dichlorobenzene	0.0713	0.330	ND	
2-Methylphenol (o-Cresol)	0.116	0.330	ND	
Bis(2-chloroisopropyl)ether	0.0683	0.330	ND	
3-/4-Methylphenol (p-/m-Cresol)	0.139	0.330	ND	
N-nitroso-di-n-propylamine	0.0931	0.330	ND	
Hexachloroethane	0.0465	0.330	ND	
Nitrobenzene	0.0528	0.330	ND	
Isophorone	0.0574	0.653	ND	
2-Nitrophenol	0.0525	0.653	ND	
2,4-Dimethylphenol	0.133	6.59	ND	
Benzoic Acid	5.59	0.330	ND	
Bis(2-Chloroethoxy)methane	0.0584	0.330	ND	
2,4-Dichlorophenol	0.104	0.330	ND	
1,2,4-Trichlorobenzene	0.0733	0.330	ND	
2,6-Dichlorophenol	0.104	0.330	ND	
Naphthalene	0.0901	0.330	ND	
4-Chloroaniline	0.0990	0.330	ND	
Hexachloro-1,3-butadiene	0.0653	0.330	ND	
4-Chloro-3-methylphenol	0.102	0.330	ND	
2-Methylnaphthalene	0.0792	0.330	ND	
1-Methylnaphthalene	0.0792	0.330	ND	
Hexachlorocyclopentadiene	0.0277	0.330	ND	
2,4,6-Trichlorophenol	0.0950	0.330	ND	
2,4,5-Trichlorophenol	0.121	0.330	ND	
2-Chloronaphthalene	0.0594	3.27	ND	
2-Nitroaniline	0.0693	0.330	ND	
Dimethyl phthalate	0.118	0.330	ND	
1,3-Dinitrobenzene	0.106	0.330	ND	
Acenaphthylene	0.0851	0.330	ND	
2,6-Dinitrotoluene	0.0267	0.330	ND	
1,2-Dinitrobenzene	0.0858	0.330	ND	
3-Nitroaniline	0.0693	0.330	ND	



MB Summary Report

Work Order:	1108084	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Acenaphthene	0.0960	0.330	ND	
2,4-Dinitrophenol	0.0297	3.27	ND	
4-Nitrophenol	0.0663	0.330	ND	
Dibenzofuran	0.0782	0.330	ND	
2,4-Dinitrotoluene	0.0267	0.330	ND	
2,3,5,6-Tetrachlorophenol	0.119	0.330	ND	
2,3,4,6-Tetrachlorophenol	0.119	0.330	ND	
Diethylphthalate	0.117	0.330	ND	
Fluorene	0.0990	0.330	ND	
4-Chlorophenyl phenyl ether	0.0802	0.330	ND	
4-Nitroaniline	0.0802	0.330	ND	
4,6-Dinitro-2-methylphenol	0.0663	0.330	ND	
Diphenylamine	0.0663	0.330	ND	
Azobenzene	0.109	0.330	ND	
4-Bromophenyl phenyl ether	0.0812	3.27	ND	
Hexachlorobenzene	0.101	0.330	ND	
Pentachlorophenol	0.102	3.27	ND	
Phenanthrene	0.142	0.330	ND	
Anthracene	0.132	0.330	ND	
Carbazole	0.132	0.330	ND	
Di-n-butylphthalate	0.108	1.68	ND	
Fluoranthene	0.132	0.653	ND	
Benzidine	0.374	3.27	ND	
Pyrene	0.147	0.330	ND	
Benzyl butyl phthalate	0.0891	0.330	ND	
Benz[a]anthracene	0.149	0.330	ND	
3,3'-Dichlorobenzidine	0.152	0.330	ND	
Chrysene	0.176	0.330	ND	
Bis(2-Ethylhexyl)phthalate	0.0832	0.330	ND	
Di-n-octyl phthalate	0.138	0.330	ND	
Benzo[b]fluoranthene	0.133	0.330	ND	
Benzo[k]fluoranthene	0.169	0.330	ND	
Benzo[a]pyrene	0.135	0.330	ND	
Indeno[1,2,3-cd]pyrene	0.131	0.330	ND	
Dibenz[a,h]anthracene	0.151	0.330	ND	
Benzo[g,h,i]perylene	0.150	0.330	ND	
1,4-Dinitrobenzene	0.150	0.330	ND	
2,4,6-Tribromophenol (S)			33.3	
2-Fluorobiphenyl (S)			46.7	
2-Fluorophenol (S)			59.8	
Nitrobenzene-d5 (S)			48.5	



MB Summary Report

Work Order:	1108084	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Phenol-d6 (S) 60.6
p-Terphenyl-d14 (S) 89.6

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3389
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406267
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Antimony	0.20	5.0	0.35
Arsenic	0.28	1.7	0.28
Barium	1	5.0	1.1
Beryllium	0.0840	2.0	ND
Cadmium	0.059	1.0	ND
Chromium	0.059	5.0	0.33
Cobalt	0.14	5.0	ND
Copper	0.090	5.0	0.18
Lead	0.043	1.0	0.34
Molybdenum	0.059	5.0	0.12
Nickel	0.059	5.0	0.15
Selenium	0.29	5.0	ND
Silver	1.0	1.0	ND
Thallium	0.12	5.0	ND
Vanadium	0.12	5.0	0.14
Zinc	0.59	5.0	0.88

Work Order:	1108084	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3393
Matrix:	Soil	Analytical Method:	7471AB	Analyzed Date:	08/16/11	Analytical Batch:	406270
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Mercury 0.01 0.10 ND



MB Summary Report

Work Order:	1108084	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier

TPH as Diesel (SG)	0.0440	0.10	ND	
TPH as Motor Oil (SG)	0.0920	0.20	ND	
Pentacosane (S)			51.7	S

Work Order:	1108084	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier

TPH as Diesel (SG)	0.0440	0.10	ND
TPH as Motor Oil (SG)	0.0920	0.20	0.13
Pentacosane (S)			75.1

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/16/11	Prep Batch:	3405
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/17/11	Analytical Batch:	406288
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier

Antimony	0.20	5.0	0.30
Arsenic	0.28	1.7	ND
Barium	1	5.0	1.1
Beryllium	0.0840	2.0	ND
Cadmium	0.059	1.0	ND
Chromium	0.059	5.0	0.35
Cobalt	0.14	5.0	ND
Copper	0.090	5.0	0.25
Lead	0.043	1.0	0.25
Molybdenum	0.059	5.0	0.060
Nickel	0.059	5.0	0.12
Selenium	0.29	5.0	ND
Silver	1.0	1.0	ND
Thallium	0.12	5.0	ND
Vanadium	0.12	5.0	0.12
Zinc	0.59	5.0	0.85



MB Summary Report

Work Order:	1108084	Prep Method:	5030	Prep Date:	08/16/11	Prep Batch:	3414
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/16/11	Analytical Batch:	406300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline)	22	50	ND	
(S) 4-Bromofluorobenzene			90.2	

Work Order:	1108084	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3417
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406253
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline)	17	100	ND	
(S) 4-Bromofluorobenzene			101	

Work Order:	1108084	Prep Method:	3545_TPH	Prep Date:	08/18/11	Prep Batch:	3418
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/18/11	Analytical Batch:	406325
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH as Diesel	0.758	2.0	1.2	
TPH as Motor Oil	1.78	4.0	3.3	
Pentacosane (S)			111	



MB Summary Report

Work Order:	1108084	Prep Method:	3545_PCB	Prep Date:	08/18/11	Prep Batch:	3419
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/18/11	Analytical Batch:	406326
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Aroclor1016	0.0230	0.10	ND		
Aroclor1221	0.0920	0.20	ND		
Aroclor1232	0.0460	0.10	ND		
Aroclor1242	0.0430	0.10	ND		
Aroclor1248	0.0360	0.10	ND		
Aroclor1254	0.0240	0.10	ND		
Aroclor1260	0.0270	0.10	ND		
TCMX (S)			99.1		
DCBP (S)			113		



MB Summary Report

Work Order:	1108084	Prep Method:	3545_OCP	Prep Date:	08/18/11	Prep Batch:	3420
Matrix:	Soil	Analytical Method:	SW8081A	Analyzed Date:	08/18/11	Analytical Batch:	406333
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.44	2.0	ND	
gamma-BHC	0.40	2.0	ND	
beta-BHC	0.36	2.0	ND	
delta-BHC	0.49	2.0	ND	
Heptachlor	1.1	2.0	ND	
Aldrin	0.44	2.0	ND	
Heptachlor epoxide	0.32	2.0	ND	
gamma-Chlordane	0.42	2.0	ND	
alpha-Chlordane	0.36	2.0	ND	
Endosulfan I	0.59	2.0	ND	
4,4'-DDE	0.48	2.0	ND	
Dieldrin	0.43	2.0	ND	
Endrin	0.57	2.0	ND	
4,4'-DDD	0.47	2.0	ND	
Endosulfan II	1.5	2.0	ND	
4,4'-DDT	0.81	2.0	ND	
Endrin aldehyde	1.0	2.0	ND	
Endosulfan sulfate	0.49	2.0	ND	
Methoxychlor	0.62	5.0	ND	
Endrin Ketone	0.40	2.0	ND	
Chlordane	10	20	ND	
Toxaphene	10	100	ND	
TCMX (S)			100	
DCBP (S)			101	



MB Summary Report

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/24/11	Prep Batch:	3479
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/24/11	Analytical Batch:	406410
Units:	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	1.8		
Beryllium	0.0840	2.0	ND		
Cadmium	0.059	1.0	ND		
Chromium	0.059	5.0	0.14		
Cobalt	0.14	5.0	ND		
Copper	0.090	5.0	0.96		
Lead	0.043	1.0	0.25		
Molybdenum	0.059	5.0	0.17		
Nickel	0.059	5.0	0.095		
Selenium	0.29	5.0	ND		
Silver	1.0	1.0	ND		
Thallium	0.12	5.0	0.60		
Vanadium	0.12	5.0	ND		
Zinc	0.59	5.0	1.2		

Work Order:	1108084	Prep Method:	1311/3010B	Prep Date:	08/24/11	Prep Batch:	3489
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/25/11	Analytical Batch:	406421
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Lead (TCLP)	0.0500	0.10	ND		

Work Order:	1108084	Prep Method:	3545_TPH	Prep Date:	08/25/11	Prep Batch:	3494
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/25/11	Analytical Batch:	406448
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.758	2.0	1.7		
TPH as Motor Oil	1.78	4.0	2.8		
Pentacosane (S)			120		



MB Summary Report

Work Order:	1108084	Prep Method:	WET/3010B	Prep Date:	08/25/11	Prep Batch:	3496
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/26/11	Analytical Batch:	406447
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Lead (STLC)	0.0500	0.10	ND		



MB Summary Report

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406253
Units:	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	50	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	
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	
o-Xylene	0.66	5.0	ND	



MB Summary Report

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406253
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			92.9		
(S) Toluene-d8			86.1		
(S) 4-Bromofluorobenzene			97.2		



MB Summary Report

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/16/11	Analytical Batch:	406300
Units:	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	0.22	
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	
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	
o-Xylene	0.13	0.50	ND	



MB Summary Report

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/16/11	Analytical Batch:	406300
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			91.0		
(S) Toluene-d8			92.1		
(S) 4-Bromofluorobenzene			89.8		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	7470A	Prep Date:	08/12/11	Prep Batch:	3365
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/15/11	Analytical Batch:	406238
Units:	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	0.00007	0.015	106	106	0.188	80 - 120	20	

Work Order:	1108084	Prep Method:	3005	Prep Date:	08/12/11	Prep Batch:	3377
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/15/11	Analytical Batch:	406242
Units:	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	91.2	91.1	0.269	80 - 120	20	
Arsenic (Dissolved)	0.005	0.009	ND	1	94.3	94.2	0.293	80 - 120	20	
Barium (Dissolved)	0.002	0.009	ND	1	96.7	96.6	0.411	80 - 120	20	
Beryllium (Dissolved)	0.002	0.005	ND	1	97.9	95.0	3.12	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	ND	1	97.3	97.2	0.221	80 - 120	20	
Chromium (Dissolved)	0.002	0.005	ND	1	96.6	97.1	0.0737	80 - 120	20	
Cobalt (Dissolved)	0.002	0.005	ND	1	98.3	97.3	0.711	80 - 120	20	
Copper (Dissolved)	0.003	0.009	0.00357	1	97.2	96.7	0.295	80 - 120	20	
Lead (Dissolved)	0.005	0.014	ND	1	95.2	94.9	0.0753	80 - 120	20	
Molybdenum (Dissolved)	0.002	0.009	ND	1	97.5	96.8	0.169	80 - 120	20	
Nickel (Dissolved)	0.002	0.009	ND	1	97.6	97.7	0.334	80 - 120	20	
Selenium (Dissolved)	0.004	0.02	ND	1	95.5	94.6	1.45	80 - 120	20	
Silver (Dissolved)	0.002	0.005	ND	1	94.7	94.4	0.582	80 - 120	20	
Thallium (dissolved)	0.004	0.009	ND	1	95.4	95.0	0.0323	80 - 120	20	
Vanadium (Dissolved)	0.004	0.009	ND	1	96.7	96.8	0.169	80 - 120	20	
Zinc (dissolved)	0.002	0.009	ND	1	99.1	97.8	1.28	80 - 120	20	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3545_BNA	Prep Date:	08/15/11	Prep Batch:	3385
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	08/16/11	Analytical Batch:	406316
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	0.129	0.33	ND	1.667	40.3	49.5	20.3	16 - 98.6	30	
2-Chlorophenol	0.129	0.33	ND	1.667	36.9	44.8	19.2	12.9 - 91.3	30	
1,4-Dichlorobenzene	0.0663	0.33	ND	0.833	40.9	49.8	19.6	21.9 - 79.8	30	
N-nitroso-di-n-propylamine	0.0931	0.33	ND	1.667	41.3	50.8	20.9	15.5 - 116	30	
1,2,4-Trichlorobenzene	0.0733	0.33	ND	0.833	35.7	46.3	25.7	31.7 - 85.1	30	
4-Chloro-3-methylphenol	0.102	0.33	ND	1.667	32.7	39.0	17.8	23.8 - 116	30	
Acenaphthene	0.0964	0.33	ND	0.833	38.1	47.3	21.8	29.1 - 94.8	30	
4-Nitrophenol	0.0663	0.33	ND	1.667	56.0	60.9	7.93	10.4 - 131	30	
2,4-Dinitrotoluene	0.0267	0.33	ND	0.833	48.9	60.0	20.4	30.8 - 124	30	
Pentachlorophenol	0.102	0.33	ND	1.667	50.9	58.7	13.8	19.9 - 133	30	
Pyrene	0.147	0.33	ND	0.833	59.5	70.5	16.8	34.2 - 127	30	
Phenol-d6 (S)			ND	50	54.0	64.1		24 - 113		
2-Fluorophenol (S)			ND	50	40.6	50.0		25 - 121		
2,4,6-Tribromophenol (S)			ND	50	48.3	57.3		19 - 122		
Nitrobenzene-d5 (S)			ND	25	44.5	53.2		23 - 120		
2-Fluorobiphenyl (S)			ND	25	42.2	53.5		30 - 115		
p-Terphenyl-d14 (S)			ND	25	47.4	53.4		18 - 137		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3389
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406267
Units:	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	0.35	50	96.1	95.1	1.07	30.7 - 130	30	
Arsenic	0.28	1.7	0.28	50	96.8	93.9	3.03	71 - 121	30	
Barium	1	5.0	1.1	50	102	99.6	2.35	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	95.1	96.3	1.35	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	98.4	96.4	2.07	68.7 - 110	30	
Chromium	0.059	5.0	0.33	50	99.5	97.9	1.63	76 - 116	30	
Cobalt	0.14	5.0	ND	50	101	98.6	2.36	57.4 - 122	30	
Copper	0.090	5.0	0.18	50	104	102	2.14	74.8 - 119	30	
Lead	0.13	1.0	0.34	50	97.3	96.5	0.784	67.9 - 118	30	
Molybdenum	0.059	5.0	0.12	50	98.7	97.8	0.936	62.9 - 123	30	
Nickel	0.059	5.0	0.15	50	100	97.9	2.15	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	93.7	89.7	4.36	62 - 111	30	
Silver	1.0	1.0	ND	50	96.7	94.6	2.22	81.1 - 109	30	
Thallium	0.12	5.0	ND	50	93.2	93.0	0.226	39.2 - 125	30	
Vanadium	0.12	5.0	0.14	50	101	99.1	1.89	65.8 - 122	30	
Zinc	0.59	5.0	0.88	50	122	118	3.08	59.9 - 122	30	

Work Order:	1108084	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3393
Matrix:	Soil	Analytical Method:	7471B	Analyzed Date:	08/16/11	Analytical Batch:	406270
Units:	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	109	116	6.58	80.5 - 133	30	

Work Order:	1108084	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	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 (SG)	0.0440	0.10	ND	1	51.6	52.7	2.00	34.5 - 95.6	30	
Pentacosane (S)			ND	100	79.6	73.0		57.9 - 125		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/16/11	Prep Batch:	3405
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/17/11	Analytical Batch:	406288
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.2	5	0.30	50	97.13	98.9	1.79	30.7 - 130	30	
Arsenic	0.28	1.7	ND	50	96.33	97.9	1.66	71 - 121	30	
Barium	1.1	5	1.1	50	103.4	98.4	4.59	70.2 - 130	30	
Beryllium	0.084	2	ND	50	98.33	94.8	3.66	73.3 - 115	30	
Cadmium	0.059	1	ND	50	99.51	94.3	5.40	68.7 - 110	30	
Chromium	0.059	5	0.35	50	104.2	99.2	4.69	76 - 116	30	
Cobalt	0.14	5	ND	50	101.8	96.3	5.72	57.4 - 122	30	
Copper	0.09	5	0.25	50	104.2	99.3	4.58	74.8 - 119	30	
Lead	0.13	1	0.25	50	97.89	98.9	0.996	67.9 - 118	30	
Molybdenum	0.059	5	0.060	50	98.92	100	1.51	62.9 - 123	30	
Nickel	0.059	5	0.12	50	101.7	96.6	5.44	61.5 - 122	30	
Selenium	0.29	5	ND	50	91.96	94.4	2.56	62 - 111	30	
Silver	1	1	ND	50	98.56	94.4	4.38	81.1 - 109	30	
Thallium	0.12	5	ND	50	92.93	94.3	1.50	39.2 - 125	30	
Vanadium	0.12	5	0.12	50	103.9	98.5	5.40	65.8 - 122	30	
Zinc	0.59	5	0.85	50	100	94.8	5.37	59.9 - 122	30	

Work Order:	1108084	Prep Method:	5030	Prep Date:	08/16/11	Prep Batch:	3414
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/16/11	Analytical Batch:	406300
Units:	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	92.1	21.5	52.4 - 127	30	
(S) 4-Bromofluorobenzene			90.2	11.36	98.8	91.8		58.4 - 133		

Work Order:	1108084	Prep Method:	5035	Prep Date:	08/15/11	Prep Batch:	3417
Matrix:	Soil	Analytical Method:	8260TPH	Analyzed Date:	08/15/11	Analytical Batch:	406253
Units:	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	91.4	93.5	2.25	48.2 - 132	30	
(S) 4-Bromofluorobenzene			101	50	89.7	92.8		57 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3545_TPH	Prep Date:	08/18/11	Prep Batch:	3418
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/18/11	Analytical Batch:	406325
Units:	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	1.2	33.33	87.1	87.8	0.871	52.7 - 115	30	
Pentacosane (S)			3.3	100	96.8	98.1		59.7 - 129		

Work Order:	1108084	Prep Method:	3545_PCB	Prep Date:	08/18/11	Prep Batch:	3419
Matrix:	Soil	Analytical Method:	SW8082	Analyzed Date:	08/18/11	Analytical Batch:	406326
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.0230	0.10	ND	1	92.7	88.8	4.27	55.6 - 135	30	
Aroclor1260	0.0270	0.10	ND	0.5	89.6	85.5	4.66	65.6 - 132	30	
TCMX (S)			ND	0.25	91.7	83.8		68.9 - 123		
DCBP (S)			ND	0.250	107	98.6		69.5 - 119		

Work Order:	1108084	Prep Method:	3545_OCP	Prep Date:	08/18/11	Prep Batch:	3420
Matrix:	Soil	Analytical Method:	SW8081A	Analyzed Date:	08/18/11	Analytical Batch:	406333
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC	0.40	2.0	ND	20	74.9	68.3	9.23	56.9 - 120	30	
Heptachlor	1.1	2.0	ND	20	76.4	68.5	10.9	63.6 - 117	30	
Aldrin	0.44	2.0	ND	20	78.4	79.1	0.805	53 - 123	30	
Dieldrin	0.43	2.0	ND	20	76.7	70.2	8.92	44 - 130	30	
Endrin	0.57	2.0	ND	20	75.3	66.6	12.2	44.1 - 121	30	
4,4'-DDT	0.81	2.0	ND	20	81.3	73.3	10.4	52.8 - 134	30	
TCMX (S)			ND	350	76.3	70.7		52.5 - 139		
DCBP (S)			ND	350	75.7	68.4		50.2 - 139		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/24/11	Prep Batch:	3479
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/24/11	Analytical Batch:	406410
Units:	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	98.4	99.1	0.719	30.7 - 130	30	
Arsenic	0.28	1.7	ND	50	99.3	100	0.802	71 - 121	30	
Barium	1	5.0	1.8	50	106	107	0.939	70.2 - 130	30	
Beryllium	0.0840	2.0	ND	50	101	97.6	3.41	73.3 - 115	30	
Cadmium	0.059	1.0	ND	50	99.2	101	1.60	68.7 - 110	30	
Chromium	0.059	5.0	0.14	50	105	107	1.61	76 - 116	30	
Cobalt	0.14	5.0	ND	50	103	105	1.92	57.4 - 122	30	
Copper	0.090	5.0	0.96	50	106	107	1.03	74.8 - 119	30	
Lead	0.13	1.0	0.25	50	101	100	0.695	67.9 - 118	30	
Molybdenum	0.059	5.0	0.17	50	105	107	2.26	62.9 - 123	30	
Nickel	0.059	5.0	0.095	50	101	104	2.93	61.5 - 122	30	
Selenium	0.29	5.0	ND	50	93.3	93.2	0.118	62 - 111	30	
Silver	1.0	1.0	ND	50	102	103	0.587	81.1 - 109	30	
Thallium	0.12	5.0	0.60	50	94.1	97.7	3.75	39.2 - 125	30	
Vanadium	0.12	5.0	ND	50	105	106	1.04	65.8 - 122	30	
Zinc	0.59	5.0	1.2	50	103	103	0.292	59.9 - 122	30	

Work Order:	1108084	Prep Method:	1311/3010B	Prep Date:	08/24/11	Prep Batch:	3489
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/25/11	Analytical Batch:	406421
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)	0.0500	0.10	ND	10	99.4	99.1	0.343	80 - 120	20	

Work Order:	1108084	Prep Method:	3545_TPH	Prep Date:	08/25/11	Prep Batch:	3494
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/25/11	Analytical Batch:	406448
Units:	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	1.7	33.33	85.8	83.4	2.84	52.7 - 125	30	
Pentacosane (S)			2.8	100	127	126		59.7 - 129		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	WET/3010B	Prep Date:	08/25/11	Prep Batch:	3496
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/26/11	Analytical Batch:	406447
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (STLC)	0.0500	0.10	ND	10	87.0	89.2	2.49	80 - 120	20	

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406253
Units:	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	81.6	76.4	6.56	53.7 - 139	30	
Benzene	1.5	10	ND	50	82.5	82.5	0.170	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	89.3	84.3	5.87	57.5 - 150	30	
Toluene	0.98	10	ND	50	88.1	87.4	0.730	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	87.2	79.1	9.79	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	76.3	84.1		59.8 - 148		
(S) Toluene-d8			ND	50	87.9	87.4		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	87.3	95.4		55.8 - 141		

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/16/11	Analytical Batch:	406300
Units:	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	87.0	101	14.7	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	93.2	102	8.61	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	99.4	108	8.38	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	95.3	103	8.26	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	97.0	105	8.04	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	88.9	103		61.2 - 131		
(S) Toluene-d8			ND	11.36	92.0	104		75.1 - 127		
(S) 4-Bromofluorobenzene			0.22	11.36	89.2	99.1		64.1 - 120		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	08/15/11	Analytical Batch:	406253
Spiked Sample:	1108084-002A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	0	50	92.0	90.6	1.47	53.7 - 139	30	
Benzene	1.5	10	0	50	91.5	92.0	0.523	66.5 - 135	30	
Trichloroethylene	3.9	10	0	50	88.1	89.2	1.26	57.5 - 150	30	
Toluene	0.98	10	0	50	91.2	96.4	5.59	56.8 - 134	30	
Chlorobenzene	4.2	10	0	50	94.1	99.8	5.90	57.4 - 134	30	
(S) Dibromofluoromethane				50	84.2	91.9		59.8 - 148		
(S) Toluene-d8				50	86.2	87.8		55.2 - 133		
(S) 4-Bromofluorobenzene				50	94.0	102		55.8 - 141		

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/15/11	Prep Batch:	3389
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/16/11	Analytical Batch:	406267
Spiked Sample:	1108084-001A						
Units:	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	0.00	50	92.0	89.3	2.94	30.7 - 130	30	
Arsenic	0.28	1.7	0.048	50	92.7	90.4	2.37	71 - 121	30	
Barium	1	5.0	1.3	50	108	116	3.47	70.2 - 130	30	
Beryllium	0.0840	2.0	0.00	50	94.1	93.1	1.06	73.3 - 115	30	
Cadmium	0.059	1.0	0.00	50	92.9	92.3	0.659	68.7 - 110	30	
Chromium	0.059	5.0	0.61	50	96.7	100	1.94	76 - 116	30	
Cobalt	0.14	5.0	0.00	50	98.7	106	6.75	57.4 - 122	30	
Copper	0.090	5.0	0.13	50	98.3	106	6.54	74.8 - 119	30	
Lead	0.13	1.0	0.69	50	115	73.5	25.4	67.9 - 118	30	
Molybdenum	0.059	5.0	0.00	50	92.3	90.3	2.15	62.9 - 123	30	
Nickel	0.059	5.0	0.38	50	91.1	91.4	0.310	61.5 - 122	30	
Selenium	0.29	5.0	0.00	50	89.5	89.0	0.560	62 - 111	30	
Silver	1.0	1.0	0.00	50	92.4	98.1	5.99	81.1 - 109	30	
Thallium	0.12	5.0	0.00	50	83.6	81.4	2.64	39.2 - 125	30	
Vanadium	0.12	5.0	0.47	50	91.7	105	8.74	65.8 - 122	30	
Zinc	0.59	5.0	0.69	50	96.7	90.4	4.06	59.9 - 122	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	7471	Prep Date:	08/15/11	Prep Batch:	3393
Matrix:	Soil	Analytical Method:	7471B	Analyzed Date:	08/16/11	Analytical Batch:	406270
Spiked Sample:	1108084-001A						
Units:	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	0.00057	1.25	114	105	8.29	60 - 140	30	

Work Order:	1108084	Prep Method:	3050	Prep Date:	08/16/11	Prep Batch:	3405
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/17/11	Analytical Batch:	406288
Spiked Sample:	1108084-008A						
Units:	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	0.00	50	88.6	84.9	4.24	30.7 - 130	30	
Arsenic	0.28	1.7	0.13	50	93.9	90.8	3.04	71 - 121	30	
Barium	1	5.0	3.8	50	81.2	95.4	3.08	70.2 - 130	30	
Beryllium	0.0840	2.0	0.00	50	98.2	93.5	4.92	73.3 - 115	30	
Cadmium	0.059	1.0	0.00	50	98.1	96.1	2.04	68.7 - 110	30	
Chromium	0.059	5.0	0.42	50	92.9	89.1	2.93	76 - 116	30	
Cobalt	0.14	5.0	0.24	50	104	87.8	13.5	57.4 - 122	30	
Copper	0.090	5.0	0.79	50	155	107	23.1	74.8 - 119	30	S
Lead	0.13	1.0	2.6	50	3.80	4.00	0.000	67.9 - 118	30	S
Molybdenum	0.059	5.0	0.00	50	91.2	90.5	0.771	62.9 - 123	30	
Nickel	0.059	5.0	0.41	50	98.7	89.9	6.72	61.5 - 122	30	
Selenium	0.29	5.0	0.00	50	92.4	91.7	0.815	62 - 111	30	
Silver	1.0	1.0	0.00	50	94.3	97.3	3.10	81.1 - 109	30	
Thallium	0.12	5.0	0.00	50	81.2	81.4	0.185	39.2 - 125	30	
Vanadium	0.12	5.0	0.75	50	105	101	2.30	65.8 - 122	30	
Zinc	0.59	5.0	2.6	50	82.9	93.3	2.96	59.9 - 122	30	

Work Order:	1108084	Prep Method:	1311/3010B	Prep Date:	08/24/11	Prep Batch:	3489
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	08/25/11	Analytical Batch:	406421
Spiked Sample:	1108084-008A						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Lead (TCLP)	0.0500	0.10	0.000	10	93.9	94.8	0.964	75 - 125	20	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108084	Prep Method:	3545_TPH	Prep Date:	08/25/11	Prep Batch:	3494
Matrix:	Soil	Analytical Method:	SW8015B(M)	Analyzed Date:	08/25/11	Analytical Batch:	406448
Spiked Sample:	1108084-009A						
Units:	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	28.2966	33.33	78.4	79.8	1.78	50.3 - 125	30	
Pentacosane (S)				100	116	121		57.9 - 125		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -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.
Duplicate - 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)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - 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.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - 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.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - 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
Tentatively Identified Compound (TIC) - 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.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg.m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - 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.
H - Indicates that the recommended holding time for the analyte or compound has been exceeded
J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - 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
R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S - 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
X -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.



Sample Receipt Checklist

Client Name: Northgate Environmental Management Inc.

Date and Time Received: 8/23/2011 16:35

Project Name: 500 Kirkham

Received By: NK

Work Order No.: 1108084

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present? Yes

Chain of custody signed when relinquished and received? Yes

Chain of custody agrees with sample labels? Yes

Custody seals intact on sample bottles? Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present

Shipping Container/Cooler In Good Condition? Yes

Samples in proper container/bottle? Yes

Samples containers intact? Yes

Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes

Container/Temp Blank temperature in compliance? Yes

Temperature: 5 °C

Water-VOA vials have zero headspace? Yes

Water-pH acceptable upon receipt?

pH Checked by:

pH Adjusted by:



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 16:35
Comments:	5 Day TAT!! Received 20 soils and 5 waters @ 5'C. Dissolved metals analysis for Waters samples. SG clean up on all waters. Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.		
Work Order # :	1108084		

<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>
1108084-001A	B-4-1.0	08/11/11 8:15	Soil	02/07/12			S_6010BCAM17 S_7471BHG En_8260Full S_8081AOC S_8082PCB S_TPHDO S_8270Full S_GCMS-GRO	
Sample Note: Pretarred voas for 8260, TPHg. Use for MS/MSD.								
1108084-002A	B-4-5.0	08/11/11 8:20	Soil	02/07/12			S_6010BCAM17 S_TPHDO S_8082PCB S_8270Full En_8260Full S_GCMS-GRO S_7471BHG	
1108084-003A	B-4-10	08/11/11 8:25	Soil	02/07/12	On-Hold		Hold Samples	
Sample Note:								
1108084-004A	B-8-1.0	08/11/11 8:55	Soil	02/07/12			S_6010B(STLC) S_7471BHG S_GCMS-GRO S_TPHDO S_8270Full S_8082PCB S_8081AOC En_8260Full S_6010BCAM17	

Sample Note: Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

QC Level:

Project Name: 500 Kirkham

TAT Requested: 3 day:25

Project # : 1204.22

Date Received: 8/23/2011

Report Due Date: 8/26/2011

Time Received: 16:35

Comments: 5 Day TAT!! Received 20 soils and 5 waters @ 5'C. Dissolved metals analysis for Waters samples. SG clean up on all waters.
Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.

Work Order # : 1108084

<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>
1108084-005A	B-8-5.0	08/11/11 9:00	Soil	02/07/12			S_6010BCAM17 S_8270Full S_8082PCB S_TPHDO En_8260Full S_GCMS-GRO S_7471BHG	
1108084-006A	B-8-8.0	08/11/11 9:05	Soil	02/07/12			S_6010BCAM17 S_TPHDO	
Sample Note: Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil(watch the hloading time). Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.								
1108084-007A	B-2-1.0	08/11/11 9:15	Soil	02/07/12			S_6010BCAM17 En_8260Full S_GCMS-GRO S_7471BHG S_TPHDO S_8270Full S_8082PCB S_8081AOCP	
1108084-008A	B-2-5.0	08/11/11 9:20	Soil	02/07/12			S_6010B(STLC) S_7471BHG S_6010B(TCLP) S_6010BCAM17 S_8270Full S_8082PCB S_TPHDO En_8260Full S_GCMS-GRO	
1108084-009A	B-2-9.0	08/11/11 9:25	Soil	02/07/12			S_6010BCAM17	



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 16:35
Comments:	5 Day TAT!! Received 20 soils and 5 waters @ 5'C. Dissolved metals analysis for Waters samples. SG clean up on all waters. Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.		
Work Order # :	1108084		

<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>
1108084-010A	B-7-1.0	08/11/11 10:30	Soil	02/07/12			S_TPHDO S_6010B(STLC) S_7471BHG S_GCMS-GRO S_6010BCAM17 En_8260Full S_8270Full S_8082PCB S_TPHDO S_8081AOCF	
1108084-011A	B-7-5.0	08/11/11 10:35	Soil	02/07/12			S_7471BHG S_TPHDO S_8082PCB S_8270Full S_6010BCAM17 En_8260Full S_GCMS-GRO	
1108084-012A	B-7-7.0	08/11/11 10:40	Soil	02/07/12			Hold Samples	
1108084-013A	B-6-1.0	08/11/11 10:55	Soil	02/07/12			S_7471BHG S_8082PCB S_TPHDO S_8270Full S_8081AOCF S_6010BCAM17 S_GCMS-GRO En_8260Full	
1108084-014A	B-6-5.0	08/11/11 11:00	Soil	02/07/12			S_7471BHG En_8260Full S_8270Full	



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:
Project Name:	500 Kirkham		TAT Requested: 3 day:25
Project # :	1204.22		Date Received: 8/23/2011
Report Due Date:	8/26/2011		Time Received: 16:35
Comments:	5 Day TAT!! Received 20 soils and 5 waters @ 5'C. Dissolved metals analysis for Waters samples. SG clean up on all waters. Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.		
Work Order # :	1108084		

<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>
							S_TPHDO S_8082PCB S_6010BCAM17 S_GCMS-GRO	
1108084-015A	B-6-9.0	08/11/11 11:05	Soil	02/07/12			Hold Samples	
1108084-016A	B-16-1.0	08/11/11 12:05	Soil	02/07/12			S_7471BHG S_6010BCAM17 En_8260Full S_8082PCB S_8270Full S_TPHDO S_8081AOC S_GCMS-GRO	
1108084-017A	B-16-5.0	08/11/11 12:10	Soil	02/07/12			S_7471BHG S_8270Full S_8082PCB S_TPHDO En_8260Full S_GCMS-GRO S_6010BCAM17	
1108084-018A	B-16-10.0	08/11/11 12:15	Soil	02/07/12			Hold Samples	
1108084-019A	B-7-1.0D	08/11/11 10:30	Soil	02/07/12			S_GCMS-GRO En_8260Full S_TPHDO	
1108084-020A	B-4-GW	08/11/11 9:20	Water	09/25/11			W_GCMS-GRO W_8260Full	
<u>Sample Note:</u>								
1108084-020B	B-4-GW	08/11/11 9:20	Water	09/25/11				



Login Summary Report

Client ID:	TL5143	Northgate Environmental Management Inc.	QC Level:	
Project Name:	500 Kirkham		TAT Requested:	3 day:25
Project # :	1204.22		Date Received:	8/23/2011
Report Due Date:	8/26/2011		Time Received:	16:35
Comments:	5 Day TAT!! Received 20 soils and 5 waters @ 5'C. Dissolved metals analysis for Waters samples. SG clean up on all waters. Sample 004 amd 010 for Lead STLC. Sample 008 for STLC and TCLP Lead. Sample 009 and 006 off Hold, added total Lead on both and TPH-oil. Added per client on 08/23/2011. 3 day RUSH TAT Due 08/26/2011.			
Work Order # :	1108084			

<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>
1108084-020C	B-4-GW	08/11/11 9:20	Water	09/25/11			W_TPHDOSG W_D6010BCAM17 W_D7470AHG	
Sample Note: Dissolved metals analysis for all waters samples. SG clean up on all waters.								
1108084-021A	B-8-GW	08/11/11 9:20	Water	09/25/11			W_GCMS-GRO W_8260Full	
1108084-021B	B-8-GW	08/11/11 9:20	Water	09/25/11			W_TPHDOSG	
Sample Note: Dissolved metals analysis for all waters samples. SG clean up on all waters.								
1108084-021C	B-8-GW	08/11/11 9:20	Water	09/25/11			W_D6010BCAM17 W_D7470AHG	
1108084-022A	B-16-GW	08/11/11 12:30	Water	09/25/11			W_GCMS-GRO W_8260Full	
1108084-022B	B-16-GW	08/11/11 12:30	Water	09/25/11			W_TPHDOSG	
1108084-022C	B-16-GW	08/11/11 12:30	Water	09/25/11			W_D6010BCAM17 W_D7470AHG	
1108084-023A	FB	08/11/11 13:00	Water	09/25/11			W_8260Full	
1108084-024A	IDW	08/11/11 13:15	Soil	09/25/11			S_7471BHG S_TPHDO S_8081AOC S_GCMS-GRO S_6010BCAM17	
1108084-025A	EQUIP BLANK	08/11/11 13:22	Water	09/25/11			W_D6010BCAM17 W_D7470AHG	

1108084

 northgate environmental management, inc.		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM										No. 2103		
Project No.: 120422		Project Location: Oakland CA						Date: 8/11/11		Serial No.: 1 of 2				
Project Name: 500 Kitcham		Field Logbook No.: DFR 8/11/11								Samplers: A. Starovoytov				
Sampler (Signature): <i>[Signature]</i>		ANALYSES												
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH gas (8015)	TPH diesel/oil (8015)	PCBS (8082)	SVOCs (8015)	17 metals (6000/4000/40)	organochlorine pesticides (8084)	HOLD	RUSH	REMARKS
001A B-4-1.0	8/11/11	0805			SOIL	X	X	X	X	X	X			STANDARD 5 DAY TAT
002A B-4-5.0		0820				X	X	X	X	X	X			
003A B-4-10.0		0825				X	X	X	X	X	X			Report results to:
004A B-8-1.0		0855				X	X	X	X	X	X			dennis.laduzinsky@ngem.com
005A B-8-5.0		0900				X	X	X	X	X	X			anya.starovoytov@ngem.com
006A B-8-8.0		0905				X	X	X	X	X	X			
007A B-2-1.0		0915				X	X	X	X	X	X			Dissolved metals analysis for
008A B-2-5.0		0920				X	X	X	X	X	X			GW samples
009A B-2-9.0		0925				X	X	X	X	X	X			
010A B-7-1.0		1030				X	X	X	X	X	X			silica gel cleanup on all
011A B-7-5.0		1035				X	X	X	X	X	X			waters
012A B-7-7.0		1040				X	X	X	X	X	X			
013A B-6-1.0		1055				X	X	X	X	X	X			Temp: 5°C
014A B-6-5.0		1100				X	X	X	X	X	X			
015A B-6-9.0		1105				X	X	X	X	X	X			
016A B-16-1.0		1205				X	X	X	X	X	X			
Relinquished by: <i>[Signature]</i>		Date: 8/11/11	Time: 1520	Received By: <i>[Signature]</i>		Date: 8/11/11	Time: 3:20							
Relinquished by: <i>[Signature]</i>		Date: 8/11/11	Time: 4:35	Received By: <i>[Signature]</i>		Date: 8/11/11	Time: 4:35pm							
Method of Shipment: courier pickup		Date: 8/11/11	Time: 1500	Comments: see remarks above										
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 First C.										

1108084

 northgate environmental management, inc.		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM										No 2104				
Project No.: 1204.22			Project Location: Oakland, CA					Date: 8/11/11			Serial No.: 2 of 2					
Project Name: 500 Kirkham			Field Logbook No.: DFR 8/11/11										Samplers: A. Starovoytov			
Sampler (Signature): <i>[Signature]</i>			ANALYSES										REMARKS			
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TAT-gas & VOCs (8260)	TPH-diesel/oil (8015)	PCBs (8060)	SVOCs (8290)	17 Metals (6000/100 sec)	Organochlorine Pesticides (8081)	VOCs only (8260)	TPH-g only (8260)	HOLD	RUSH	
017A B-16-5.0	8/11/11	1210			SOIL	X	X	X	X	X	X					STANDARD 5-DAY TAT
018A B-16-10.0		1215			SOIL									X		
019A B-4-1.0D		1030			SOIL	X	X									Report results to:
020 B-4-GW		0920			H ₂ O	X	X			X						dennis.laduzinsky@ngem.com
021 B-8-GW		1000			H ₂ O	X	X			X						anya.starovoytov@ngem.com
022 B-16-GW		1230			H ₂ O	X	X			X						
023 FB		1300			H ₂ O							X				Dissolved metals analysis
024 IDW		1315			SOIL		X			X	X		X			for water samples &
025 EQUIP. BLANK		1322			H ₂ O					X	X					silica gel cleanup on
																all waters
																Temp: 5°C
Relinquished by: <i>[Signature]</i>			Date: 8/11/11		Time AS: 1520		Received By: <i>[Signature]</i>			Date: 8/11/11		Time: 3:20				
Relinquished by: <i>[Signature]</i>			Date: 8/11/11		Time: 435		Received By: <i>[Signature]</i>			Date: 8/11/11		Time: 4:35				
Method of Shipment: Courier pickup			Date: 8/11/11		Time: 1300		Comments: see remarks above									
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: Torrentlabs Milpitas CA										

First C.



additional analysis for 1204.22 1108084 and 1108073

http://webmail.torrentlab.com/webmail2/src/printer_friendly_bottom.php...

From: "Anya Starovoytov" <anya.starovoytov@ngem.com>
Subject: additional analysis for 1204.22 1108084 and 1108073
Date: Tue, August 23, 2011 1:38 pm
To: pm@torrentlab.com

Dear Patti and Nutan,

We'd like to request some additional analysis for samples from 1204.22 (500 Kirkham), lab reports #1108084 and 1108073. Please reply to confirm that all of these tests can be done within holding time requirements:

Soluble Metals
Lab Report: 1108073

-004 (B-3-1.0) – WET/TCLP for lead

Lab Report: 1108084

-004 (B-8-1.0) – WET for lead

-010 (B-7-1.0) – WET for lead

-008 (B-2-5.0) – WET/TCLP for lead

Additional analyses for HOLD samples

Lab Report: 1108073

-015A (B-11-10.0) – TPH-gas and VOCs (if within holding time)

Lab Report: 1108084

-009A (B-2-9.0) – total lead and TPH-oil (if within holding time)

-006A (B-8-8.0) – total lead and TPH-oil (if within holding time)

We'd like to request this data in a 3-day rush TAT. Please let me know if the requested analyses for TPH/VOCs are outside the holding time requirements (I don't recall if any sodium bisulfate vials were submitted for any of the lower depth samples). Please call if you have any questions – I will be working remotely on Thursday so my cell will be the best way to reach me 510-506-0513.

Thank you,



Anya Starovoytov



Rush Turnaround Services REQUEST FORM



Date | 8/23/11
Company | Northgate
Ordered By | Anya S
Email | _____
(for Rush report)

Confirmation Number | TR11-11374

For Torrent Lab Use Only

Project Name | 500 Kirkham

Project Number | _____

Order ID | 1108084

Order Taken By | GG

Accounting | _____

Project Details

TAT Requested
(please check one)

☐ Same Day (2-8 Hours) ☐ One Day ☐ Noon ☐ 2 Day ☐ Noon ☒ 3 Day ☐ Noon ☐ 4 Day ☐ Noon

Number of Samples | 5

Matrix | solid
(i.e., sample type: Is your sample soil, water, etc?)

Analysis | Metals, SVOA.

☐ Weekend work required (refer to chart below for respective surcharge)

This request form may be a courtesy notice which reflects the rush services requested on the chain-of-custody. Please contact *Torrent Express*SM project management immediately at pm@torrentlab.com with the subject line "Rush TAT Cancellation" if you do not want the analysis(es) to proceed. Cancellation of a *Torrent Express*SM service may be subject to a cancellation fee.

In order to facilitate processing and scheduling, please notify Torrent Laboratory at least 24 hours in advance for any *Torrent Express*SM service. Sample(s) must be received or scheduled for pick-up before 5:00 pm in order to be processed that day; all samples received after 5:00 pm will be processed the following day.

All *Torrent Express*SM Same Day and Next Day rush services will be charged a \$250.00 minimum (excluding certain fees) plus the respective surcharge(s); all other *Torrent Express*SM rush services will be charged a \$150.00 minimum (excluding certain fees) plus the respective surcharge(s).

The following table briefly describes Torrent Laboratory's *Torrent Express*SM surcharge pricing structure, please refer to your company specific price list for the precise surcharges.

	Same Day	Next Day*	2 Day*	3 Day*	4 Day*
Regular Rush	300%	150%	75%	50%	37.5%
Noon	—	200%	100%	62.5%	50%
Weekend	300%	300%	—	—	—

*business day(s)



Change Order

Work Order: 1108084

Serial #: CO11-0174

Print Date: 8/26/2011

Project Name: 500 Kirkham

Client: Northgate Environmental Management Inc.

Requested By:

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Additional Test 3 day RUSH Due 08/26/11 (watch TPH holding time) Samples 004, 010 STLC lead, 008 STLC/TCLP lead, 006 and 009 -total Pb and TPH-oil.	8/23/2011	1:38:00PM	



Northgate Environmental Management Inc.
300 Frank H. Ogawa Plaza, Suite 510
Oakland, California 94612
Tel: 5108390688
Fax: (510) 839-4350
RE: 500 Kirkham

Work Order No.: 1108103

Dear Dennis Laduzinsky:

Torrent Laboratory, Inc. received 7 sample(s) on August 15, 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 "G. Gueorguieva", is written over a horizontal line.

G.Gueorguieva
Sr. Project Manager

August 22, 2011

Date



Date: 8/22/2011

Client: Northgate Environmental Management Inc.

Project: 500 Kirkham

Work Order: 1108103

CASE NARRATIVE

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

Analytical Comments for method W_D7470A, 1108103-002C MS/MSD, QC Analytical Batch ID 406291, Note: The % recoveries for Mercury are outside of laboratory control limits. The associated LCS/LCSD % recoveries and % RPD are within limits. No corrective action required.



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

JA-2

1108103-001

<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	0.13	mg/L

JA-3

1108103-002

<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	0.074	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.036	mg/L



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

JA-4

1108103-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Vinyl Chloride	SW8260B	1	0.37	0.50	2.5	ug/L
1,1-Dichloroethene	SW8260B	1	0.29	0.50	5.2	ug/L
trans-1,2-Dichloroethene	SW8260B	1	0.31	0.50	2.6	ug/L
1,1-Dichloroethane	SW8260B	1	0.28	0.50	46	ug/L
Chloroform	SW8260B	1	0.29	0.50	0.53	ug/L
Benzene	SW8260B	1	0.33	0.50	0.53	ug/L
Tetrachloroethylene	SW8260B	1	0.15	0.50	36	ug/L
1,1,2-Trichloroethane	SW8260B	1	0.20	0.50	0.91	ug/L
TPH(Gasoline)	8260TPH	1	22	50	180	ug/L
cis-1,2-Dichloroethene	SW8260B	4.4	1.4	2.2	160	ug/L
Trichloroethylene	SW8260B	4.4	1.7	2.2	140	ug/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.17	mg/L
Chromium (Dissolved)	SW6010B	1	0.002	0.005	0.0070	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0080	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.30	mg/L



Sample Result Summary

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

JA-4D

1108103-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Vinyl Chloride	SW8260B	1	0.37	0.50	2.5	ug/L
1,1-Dichloroethene	SW8260B	1	0.29	0.50	5.2	ug/L
trans-1,2-Dichloroethene	SW8260B	1	0.31	0.50	2.7	ug/L
1,1-Dichloroethane	SW8260B	1	0.28	0.50	45	ug/L
Tetrachloroethylene	SW8260B	1	0.15	0.50	34	ug/L
1,1,2-Trichloroethane	SW8260B	1	0.20	0.50	0.85	ug/L
TPH(Gasoline)	8260TPH	1	22	50	190	ug/L
cis-1,2-Dichloroethene	SW8260B	4.4	1.4	2.2	170	ug/L
Trichloroethylene	SW8260B	4.4	1.7	2.2	150	ug/L
Barium (Dissolved)	SW6010B	1	0.002	0.009	0.16	mg/L
Chromium (Dissolved)	SW6010B	1	0.002	0.005	0.0067	mg/L
Cobalt (Dissolved)	SW6010B	1	0.002	0.005	0.0079	mg/L
Nickel (Dissolved)	SW6010B	1	0.002	0.009	0.29	mg/L

Equipment Blank

1108103-005

<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.

TB080911 #4

1108103-006

<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.

TB080911 #3

1108103-007

<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: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-2	Lab Sample ID:	1108103-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 11:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Trichloroethylene	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-2	Lab Sample ID:	1108103-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 11:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	103		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	92.4		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	88.0		%	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-2	Lab Sample ID:	1108103-001A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 11:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/19/11	08/19/11	1	22	50	ND		ug/L	406355	3444
(S) 4-Bromofluorobenzene	8260TPH	8/19/11	08/19/11	1	34	114	83.4		%	406355	3444



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-2	Lab Sample ID:	1108103-001B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 11:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	85.3		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-2	Lab Sample ID:	1108103-001C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 11:15		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Arsenic (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.009	ND		mg/L	406289	3406
Barium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.13		mg/L	406289	3406
Beryllium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cadmium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.001	0.005	ND		mg/L	406289	3406
Chromium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cobalt (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Copper (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.003	0.009	ND		mg/L	406289	3406
Lead (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.014	ND		mg/L	406289	3406
Molybdenum (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406
Nickel (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406
Selenium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.02	ND		mg/L	406289	3406
Silver (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Thallium (dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Vanadium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Zinc (dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury (Dissolved)	SW7470A	8/16/11	08/17/11	1	0.00005	0.0002	ND		mg/L	406291	3409



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-3	Lab Sample ID:	1108103-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 12:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Trichloroethylene	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-3	Lab Sample ID:	1108103-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 12:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	95.6		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	89.8		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	86.4		%	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-3	Lab Sample ID:	1108103-002A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 12:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/19/11	08/19/11	1	22	50	ND		ug/L	406355	3444
(S) 4-Bromofluorobenzene	8260TPH	8/19/11	08/19/11	1	34	114	88.3		%	406355	3444



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-3	Lab Sample ID:	1108103-002B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 12:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	92.1		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-3	Lab Sample ID:	1108103-002C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 12:45		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Arsenic (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.009	ND		mg/L	406289	3406
Barium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.074		mg/L	406289	3406
Beryllium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cadmium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.001	0.005	ND		mg/L	406289	3406
Chromium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cobalt (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Copper (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.003	0.009	ND		mg/L	406289	3406
Lead (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.014	ND		mg/L	406289	3406
Molybdenum (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406
Nickel (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.036		mg/L	406289	3406
Selenium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.02	ND		mg/L	406289	3406
Silver (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Thallium (dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Vanadium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Zinc (dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury (Dissolved)	SW7470A	8/16/11	08/17/11	1	0.00005	0.0002	ND		mg/L	406291	3409



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4	Lab Sample ID:	1108103-003A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	2.5		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	5.2		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	2.6		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	46		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	0.53		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	0.53		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	36		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	0.91		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4	Lab Sample ID:	1108103-003A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	97.6		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	91.8		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	89.5		%	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/22/11	4.4	1.4	2.2	160		ug/L	406363	NA
Trichloroethylene	SW8260B	NA	08/22/11	4.4	1.7	2.2	140		ug/L	406363	NA
(S) Dibromofluoromethane	SW8260B	NA	08/22/11	4.4	61.2	131	84.4		%	406363	NA
(S) Toluene-d8	SW8260B	NA	08/22/11	4.4	75.1	127	90.8		%	406363	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/22/11	4.4	64.1	120	86.9		%	406363	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-4	Lab Sample ID:	1108103-003A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/19/11	08/19/11	1	22	50	180	x	ug/L	406355	3444
(S) 4-Bromofluorobenzene	8260TPH	8/19/11	08/19/11	1	34	114	79.6		%	406355	3444

NOTE: x-Not typical of Gasoline standard pattern. Result due to discrete peaks of non-fuel compounds (see 8260 results).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4	Lab Sample ID:	1108103-003B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	78.0		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-4	Lab Sample ID:	1108103-003C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Arsenic (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.009	ND		mg/L	406289	3406
Barium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.17		mg/L	406289	3406
Beryllium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cadmium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.001	0.005	ND		mg/L	406289	3406
Chromium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	0.0070		mg/L	406289	3406
Cobalt (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	0.0080		mg/L	406289	3406
Copper (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.003	0.009	ND		mg/L	406289	3406
Lead (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.014	ND		mg/L	406289	3406
Molybdenum (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406
Nickel (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.30		mg/L	406289	3406
Selenium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.02	ND		mg/L	406289	3406
Silver (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Thallium (dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Vanadium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Zinc (dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury (Dissolved)	SW7470A	8/16/11	08/17/11	1	0.00005	0.0002	ND		mg/L	406291	3409



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4D	Lab Sample ID:	1108103-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	2.5		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	5.2		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	2.7		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	45		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	34		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	0.85		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4D	Lab Sample ID:	1108103-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	93.2		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	89.8		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	87.1		%	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/22/11	4.4	1.4	2.2	170		ug/L	406363	NA
Trichloroethylene	SW8260B	NA	08/22/11	4.4	1.7	2.2	150		ug/L	406363	NA
(S) Dibromofluoromethane	SW8260B	NA	08/22/11	4.4	61.2	131	85.0		%	406363	NA
(S) Toluene-d8	SW8260B	NA	08/22/11	4.4	75.1	127	90.6		%	406363	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/22/11	4.4	64.1	120	82.8		%	406363	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11

Date Reported: 08/22/11

Client Sample ID:	JA-4D	Lab Sample ID:	1108103-004A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/19/11	08/19/11	1	22	50	190	x	ug/L	406355	3444
(S) 4-Bromofluorobenzene	8260TPH	8/19/11	08/19/11	1	34	114	88.0		%	406355	3444

NOTE: x-Not typical of Gasoline standard pattern. Result due to discrete peaks of non-fuel compounds (see 8260 results).



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4D	Lab Sample ID:	1108103-004B
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0400	0.10	ND		mg/L	406321	3402
TPH as Motor Oil (SG)	SW8015B(M)	8/16/11	08/17/11	1	0.0900	0.20	ND		mg/L	406321	3402
Pentacosane (S)	SW8015B(M)	8/16/11	08/17/11	1	57.9	125	79.8		%	406321	3402



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	JA-4D	Lab Sample ID:	1108103-004C
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 14:20		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Antimony (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Arsenic (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.009	ND		mg/L	406289	3406
Barium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.16		mg/L	406289	3406
Beryllium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Cadmium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.001	0.005	ND		mg/L	406289	3406
Chromium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	0.0067		mg/L	406289	3406
Cobalt (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	0.0079		mg/L	406289	3406
Copper (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.003	0.009	ND		mg/L	406289	3406
Lead (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.005	0.014	ND		mg/L	406289	3406
Molybdenum (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406
Nickel (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	0.29		mg/L	406289	3406
Selenium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.02	ND		mg/L	406289	3406
Silver (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.005	ND		mg/L	406289	3406
Thallium (dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Vanadium (Dissolved)	SW6010B	8/16/11	08/18/11	1	0.004	0.009	ND		mg/L	406289	3406
Zinc (dissolved)	SW6010B	8/16/11	08/18/11	1	0.002	0.009	ND		mg/L	406289	3406

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury (Dissolved)	SW7470A	8/16/11	08/17/11	1	0.00005	0.0002	ND		mg/L	406291	3409



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	Equipment Blank	Lab Sample ID:	1108103-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 10:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Trichloroethylene	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	Equipment Blank	Lab Sample ID:	1108103-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 10:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	102		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	91.3		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	87.8		%	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	Equipment Blank	Lab Sample ID:	1108103-005A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/15/11 / 10:00		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	8/19/11	08/19/11	1	22	50	ND		ug/L	406355	3444
(S) 4-Bromofluorobenzene	8260TPH	8/19/11	08/19/11	1	34	114	82.4		%	406355	3444



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	TB080911 #4	Lab Sample ID:	1108103-006A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/09/11 /		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Trichloroethylene	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	TB080911 #4	Lab Sample ID:	1108103-006A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/09/11 /		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	109		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	91.5		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	89.6		%	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	TB080911 #3	Lab Sample ID:	1108103-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/09/11 /		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Chloromethane	SW8260B	NA	08/19/11	1	0.41	0.50	ND		ug/L	406355	NA
Vinyl Chloride	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromomethane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Trichlorofluoromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
1,1-Dichloroethene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Freon 113	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Methylene Chloride	SW8260B	NA	08/19/11	1	0.18	5.0	ND		ug/L	406355	NA
trans-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
MTBE	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
tert-Butanol	SW8260B	NA	08/19/11	1	1.5	5.0	ND		ug/L	406355	NA
Diisopropyl ether (DIPE)	SW8260B	NA	08/19/11	1	0.36	0.50	ND		ug/L	406355	NA
1,1-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
ETBE	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
cis-1,2-Dichloroethene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
2,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromochloromethane	SW8260B	NA	08/19/11	1	0.34	0.50	ND		ug/L	406355	NA
Chloroform	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
Carbon Tetrachloride	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
1,1,1-Trichloroethane	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,1-Dichloropropene	SW8260B	NA	08/19/11	1	0.40	0.50	ND		ug/L	406355	NA
Benzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
TAME	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichloroethane	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Trichloroethylene	SW8260B	NA	08/19/11	1	0.38	0.50	ND		ug/L	406355	NA
Dibromomethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,2-Dichloropropane	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
Bromodichloromethane	SW8260B	NA	08/19/11	1	0.23	0.50	ND		ug/L	406355	NA
cis-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
Toluene	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA
Tetrachloroethylene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
trans-1,3-Dichloropropene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
1,1,2-Trichloroethane	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Dibromochloromethane	SW8260B	NA	08/19/11	1	0.21	0.50	ND		ug/L	406355	NA
1,3-Dichloropropane	SW8260B	NA	08/19/11	1	0.18	0.50	ND		ug/L	406355	NA
1,2-Dibromoethane	SW8260B	NA	08/19/11	1	0.19	0.50	ND		ug/L	406355	NA



SAMPLE RESULTS

Report prepared for: Dennis Laduzinsky
Northgate Environmental Management Inc.

Date Received: 08/15/11
Date Reported: 08/22/11

Client Sample ID:	TB080911 #3	Lab Sample ID:	1108103-007A
Project Name/Location:	500 Kirkham	Sample Matrix:	Water
Project Number:	1204.22		
Date/Time Sampled:	08/09/11 /		
Tag Number:	500 Kirkham		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Chlorobenzene	SW8260B	NA	08/19/11	1	0.14	0.50	ND		ug/L	406355	NA
Ethyl Benzene	SW8260B	NA	08/19/11	1	0.15	0.50	ND		ug/L	406355	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.10	0.50	ND		ug/L	406355	NA
m,p-Xylene	SW8260B	NA	08/19/11	1	0.20	1.0	ND		ug/L	406355	NA
o-Xylene	SW8260B	NA	08/19/11	1	0.13	0.50	ND		ug/L	406355	NA
Styrene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
Bromoform	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Isopropyl Benzene	SW8260B	NA	08/19/11	1	0.28	0.50	ND		ug/L	406355	NA
Bromobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	08/19/11	1	0.26	0.50	ND		ug/L	406355	NA
n-Propylbenzene	SW8260B	NA	08/19/11	1	0.30	0.50	ND		ug/L	406355	NA
2-Chlorotoluene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
1,3,5-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.20	0.50	ND		ug/L	406355	NA
4-Chlorotoluene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
tert-Butylbenzene	SW8260B	NA	08/19/11	1	0.29	0.50	ND		ug/L	406355	NA
1,2,3-Trichloropropane	SW8260B	NA	08/19/11	1	0.59	1.0	ND		ug/L	406355	NA
1,2,4-Trimethylbenzene	SW8260B	NA	08/19/11	1	0.33	0.50	ND		ug/L	406355	NA
sec-Butyl Benzene	SW8260B	NA	08/19/11	1	0.24	0.50	ND		ug/L	406355	NA
p-Isopropyltoluene	SW8260B	NA	08/19/11	1	0.25	0.50	ND		ug/L	406355	NA
1,3-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.31	0.50	ND		ug/L	406355	NA
1,4-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.37	0.50	ND		ug/L	406355	NA
n-Butylbenzene	SW8260B	NA	08/19/11	1	0.32	0.50	ND		ug/L	406355	NA
1,2-Dichlorobenzene	SW8260B	NA	08/19/11	1	0.39	0.50	ND		ug/L	406355	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	08/19/11	1	0.45	1.0	ND		ug/L	406355	NA
Hexachlorobutadiene	SW8260B	NA	08/19/11	1	0.22	0.50	ND		ug/L	406355	NA
1,2,4-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.48	1.0	ND		ug/L	406355	NA
Naphthalene	SW8260B	NA	08/19/11	1	0.57	1.0	ND		ug/L	406355	NA
1,2,3-Trichlorobenzene	SW8260B	NA	08/19/11	1	0.52	1.0	ND		ug/L	406355	NA
(S) Dibromofluoromethane	SW8260B	NA	08/19/11	1	61.2	131	106		%	406355	NA
(S) Toluene-d8	SW8260B	NA	08/19/11	1	75.1	127	91.3		%	406355	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	08/19/11	1	64.1	120	88.4		%	406355	NA



MB Summary Report

Work Order:	1108103	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.0440	0.10	ND		
TPH as Motor Oil (SG)	0.0920	0.20	ND		
Pentacosane (S)			51.7	S	

Work Order:	1108103	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel (SG)	0.0440	0.10	ND		
TPH as Motor Oil (SG)	0.0920	0.20	0.13		
Pentacosane (S)			75.1		

Work Order:	1108103	Prep Method:	3005	Prep Date:	08/16/11	Prep Batch:	3406
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/18/11	Analytical Batch:	406289
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony (Dissolved)	0.004	0.009	ND		
Arsenic (Dissolved)	0.005	0.009	ND		
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	0.00255		
Thallium (dissolved)	0.004	0.009	ND		
Vanadium (Dissolved)	0.004	0.009	ND		
Zinc (dissolved)	0.002	0.009	ND		



MB Summary Report

Work Order:	1108103	Prep Method:	7470A	Prep Date:	08/16/11	Prep Batch:	3409
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/17/11	Analytical Batch:	406291
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

Mercury (Dissolved) 0.00005 0.0002 ND

Work Order:	1108103	Prep Method:	5030	Prep Date:	08/19/11	Prep Batch:	3444
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/19/11	Analytical Batch:	406362
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline) 22 50 ND
(S) 4-Bromofluorobenzene 90.4

Work Order:	1108103	Prep Method:	5030	Prep Date:	08/19/11	Prep Batch:	3450
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/19/11	Analytical Batch:	406355
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	

TPH(Gasoline) 22 50 ND
(S) 4-Bromofluorobenzene 87.3



MB Summary Report

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:		Analytical Batch:
Units:	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	
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	
o-Xylene	0.13	0.50	ND	



MB Summary Report

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:		Analytical Batch:
Units:	ug/L					

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			83.5		
(S) Toluene-d8			93.3		
(S) 4-Bromofluorobenzene			89.3		



MB Summary Report

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/22/11	Analytical Batch:	406363
Units:	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	
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	
o-Xylene	0.13	0.50	ND	



MB Summary Report

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/22/11	Analytical Batch:	406363
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			96.9		
(S) Toluene-d8			90.3		
(S) 4-Bromofluorobenzene			88.4		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108103	Prep Method:	3510_TPHSG	Prep Date:	08/16/11	Prep Batch:	3402
Matrix:	Water	Analytical Method:	SW8015B(M)	Analyzed Date:	08/17/11	Analytical Batch:	406321
Units:	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 (SG)	0.0440	0.10	ND	1	51.6	52.7	2.00	34.5 - 95.6	0,	
Pentacosane (S)			ND	100	79.6	73.0		57.9 - 125		

Work Order:	1108103	Prep Method:	3005	Prep Date:	08/16/11	Prep Batch:	3406
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/18/11	Analytical Batch:	406289
Units:	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	88.5	89.0	0.195	80 - 120	0,	
Arsenic (Dissolved)	0.005	0.009	ND	1	89.9	91.4	1.71	80 - 120	0,	
Barium (Dissolved)	0.002	0.009	ND	1	91.0	91.5	0.739	80 - 120	0,	
Beryllium (Dissolved)	0.002	0.005	ND	1	97.4	96.1	0.963	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	ND	1	89.1	89.0	0.149	80 - 120	20	
Chromium (Dissolved)	0.002	0.005	ND	1	92.2	92.4	0.576	80 - 120	20	
Cobalt (Dissolved)	0.002	0.005	ND	1	92.2	93.2	1.42	80 - 120	20	
Copper (Dissolved)	0.003	0.009	ND	1	91.2	91.7	0.951	80 - 120	20	
Lead (Dissolved)	0.005	0.014	ND	1	93.5	94.3	0.423	80 - 120	20	
Molybdenum (Dissolved)	0.002	0.009	ND	1	95.4	96.2	1.27	80 - 120	20	
Nickel (Dissolved)	0.002	0.009	ND	1	92.7	93.4	0.526	80 - 120	20	
Selenium (Dissolved)	0.004	0.02	ND	1	93.3	93.9	1.09	80 - 120	20	
Silver (Dissolved)	0.002	0.005	0.00255	1	89.4	90.0	0.114	80 - 120	20	
Thallium (dissolved)	0.004	0.009	ND	1	92.1	93.2	1.43	80 - 120	20	
Vanadium (Dissolved)	0.004	0.009	ND	1	90.7	91.0	0.0898	80 - 120	20	
Zinc (dissolved)	0.002	0.009	ND	1	93.1	93.4	0.515	80 - 120	20	

Work Order:	1108103	Prep Method:	7470A	Prep Date:	08/16/11	Prep Batch:	3409
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/17/11	Analytical Batch:	406291
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury (Dissolved)	0.00005	0.0002	ND	0.015	110	98.4	14.1	80 - 120	0,	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108103	Prep Method:	5030	Prep Date:	08/19/11	Prep Batch:	3444
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/19/11	Analytical Batch:	406362
Units:	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	98.2	109	10.2	52.4 - 127	30	
(S) 4-Bromofluorobenzene			90.4	11.36	98.8	94.5		58.4 - 133		

Work Order:	1108103	Prep Method:	5030	Prep Date:	08/19/11	Prep Batch:	3450
Matrix:	Water	Analytical Method:	8260TPH	Analyzed Date:	08/19/11	Analytical Batch:	406355
Units:	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	81.8			52.4 - 127		
(S) 4-Bromofluorobenzene			87.3	11.36	89.4			58.4 - 133		

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:	
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:		Analytical Batch:	
Units:	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	81.9	80.9	1.53	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	90.5	93.1	2.97	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	101	103	1.31	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	92.9	93.7	1.10	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	95.0	95.1	0.0494	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	88.7	91.5		61.2 - 131		
(S) Toluene-d8			ND	11.36	89.5	91.2		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	82.7	86.4		64.1 - 120		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/22/11	Analytical Batch:	406363
Units:	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	76.9	83.1	7.77	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	86.8	94.3	8.18	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	87.7	95.8	9.08	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	86.8	95.1	9.09	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	88.3	95.6	8.25	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	93.8	89.8		61.2 - 131		
(S) Toluene-d8			ND	11.36	89.1	89.3		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	80.3	85.0		64.1 - 120		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108103	Prep Method:	3005	Prep Date:	08/16/11	Prep Batch:	3406
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	08/18/11	Analytical Batch:	406289
Spiked Sample:	1108103-001C						
Units:	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	88.4	88.2	0.669	75 - 125	20	
Arsenic (Dissolved)	0.005	0.009	0.00	1	87.1	87.8	1.22	75 - 125	20	
Barium (Dissolved)	0.002	0.009	0.127	1	86.4	84.3	1.84	80 - 120	20	
Beryllium (Dissolved)	0.002	0.005	0	1	92.7	93.3	0.460	80 - 120	20	
Cadmium (Dissolved)	0.001	0.005	0.00	1	86.1	83.9	2.17	75 - 125	20	
Chromium (Dissolved)	0.002	0.005	0.00	1	89.8	87.9	2.16	75 - 125	20	
Cobalt (Dissolved)	0.002	0.005	0.00	1	86.0	85.5	0.274	75 - 125	20	
Copper (Dissolved)	0.003	0.009	0.00	1	92.6	90.5	2.62	75 - 125	20	
Lead (Dissolved)	0.005	0.014	0.00	1	85.9	84.8	1.08	75 - 125	20	
Molybdenum (Dissolved)	0.002	0.009	0.00	1	92.8	92.4	0.595	75 - 125	20	
Nickel (Dissolved)	0.002	0.009	0.00	1	85.9	85.7	0.0476	75 - 125	20	
Selenium (Dissolved)	0.004	0.02	0.00	1	91.1	90.7	0.157	75 - 125	20	
Silver (Dissolved)	0.002	0.005	0.00	1	90.5	88.2	2.93	75 - 125	20	
Thallium (dissolved)	0.004	0.009	0.00	1	81.6	81.2	0.602	75 - 125	20	
Vanadium (Dissolved)	0.004	0.009	0.00	1	89.3	87.1	1.91	75 - 125	20	
Zinc (dissolved)	0.002	0.009	0.00	1	87.3	84.8	3.54	75 - 125	20	

Work Order:	1108103	Prep Method:	7470A	Prep Date:	08/16/11	Prep Batch:	3409
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	08/17/11	Analytical Batch:	406291
Spiked Sample:	1108103-002C						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury (Dissolved)	0.00005	0.0002	-0.00001	0.015	52.3	69.3	28.4	75 - 125	20	S,R



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1108103	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Water	Analytical Method:	SW8260B	Analyzed Date:	08/22/11	Analytical Batch:	406363
Spiked Sample:	1108103-001A						
Units:	ug/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	0	17.04	112	115	2.88	61.4 - 129	30	
Benzene	0.33	0.50	0	17.04	103	108	4.26	66.9 - 140	30	
Trichloroethylene	0.38	0.50	0	17.04	107	107	0.213	69.3 - 144	30	
Toluene	0.19	0.50	0	17.04	106	105	0.594	76.6 - 123	30	
Chlorobenzene	0.14	0.50	0	17.04	102	102	0.115	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	85.7	89.4		61.2 - 131		
(S) Toluene-d8				11.36	89.8	87.2		75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	84.2	82.7		64.1 - 120		



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -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.
Duplicate - 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)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - 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.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - 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.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - 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
Tentatively Identified Compound (TIC) - 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.
Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3 , mg.m3 , ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank D - Surrogate is not recoverable due to the necessary dilution of the sample E - 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. H- Indicates that the recommended holding time for the analyte or compound has been exceeded J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative NA - Not Analyzed N/A - Not Applicable NR - 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 R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts S- 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 X -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.



Sample Receipt Checklist

Client Name: Northgate Environmental Management Inc.

Date and Time Received: 8/15/2011 16:15

Project Name: 500 Kirkham

Received By: NG

Work Order No.: 1108103

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present? Yes

Chain of custody signed when relinquished and received? Yes

Chain of custody agrees with sample labels? Yes

Custody seals intact on sample bottles? Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler? Not Present

Shipping Container/Cooler In Good Condition? Yes

Samples in proper container/bottle? Yes

Samples containers intact? Yes

Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes

Container/Temp Blank temperature in compliance? Yes

Temperature: 4 °C

Water-VOA vials have zero headspace? Yes

Water-pH acceptable upon receipt?

pH Checked by:

pH Adjusted by:



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

Project Name: 500 Kirkham

Project # : 1204.22

Report Due Date: 8/22/2011

Comments: On 08/15/2011, 7 samples received on 5 day TAT.

Work Order # : **1108103**

QC Level:

TAT Requested: 5+ day:0

Date Received: 8/15/2011

Time Received: 16:15

<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>
1108103-001A	JA-2	08/15/11 11:15	Water	09/29/11			W_GCMS-GRO W_8260Full	
Sample Note: TPH-D/O Silica Gel clean up on all samples. Dissolved Metals CAM 17 on all samples. Use JA-2(sample 001) for MS/MSD. VOAs for JA-4 and JA-4D are unpreserved. Watch for the holding time on samples 006 and 007.								
1108103-001B	JA-2	08/15/11 11:15	Water	09/29/11			W_TPHDOSG	
1108103-001C	JA-2	08/15/11 11:15	Water	09/29/11			W_D7470AHG W_D6010BCAM17	
1108103-002A	JA-3	08/15/11 12:45	Water	09/29/11			W_GCMS-GRO W_8260Full	
1108103-002B	JA-3	08/15/11 12:45	Water	09/29/11			W_TPHDOSG	
1108103-002C	JA-3	08/15/11 12:45	Water	09/29/11			W_D7470AHG W_D6010BCAM17	
1108103-003A	JA-4	08/15/11 14:20	Water	09/29/11			W_GCMS-GRO W_8260Full	
1108103-003B	JA-4	08/15/11 14:20	Water	09/29/11			W_TPHDOSG	
1108103-003C	JA-4	08/15/11 14:20	Water	09/29/11			W_D7470AHG W_D6010BCAM17	
1108103-004A	JA-4D	08/15/11 14:20	Water	09/29/11			W_GCMS-GRO W_8260Full	
1108103-004B	JA-4D	08/15/11 14:20	Water	09/29/11			W_TPHDOSG	
1108103-004C	JA-4D	08/15/11 14:20	Water	09/29/11			W_D7470AHG W_D6010BCAM17	
1108103-005A	Equipment Blank	08/15/11 10:00	Water	09/29/11			W_GCMS-GRO W_8260Full	



Login Summary Report

Client ID: TL5143 Northgate Environmental Management Inc.

Project Name: 500 Kirkham

Project # : 1204.22

Report Due Date: 8/22/2011

Comments: On 08/15/2011, 7 samples received on 5 day TAT.

Work Order # : **1108103**

QC Level:

TAT Requested: 5+ day:0

Date Received: 8/15/2011

Time Received: 16:15

<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>
1108103-006A	TB080911 #4	08/09/11	Water	09/29/11			W_8260Full	
1108103-007A	TB080911 #3	08/09/11	Water	09/29/11			W_8260Full	

1108103

 northgate environmental management, inc.		CHAIN OF CUSTODY/ANALYSIS REQUEST FORM										No. 2140	
Project No.: 1204.22		Project Location: OAKLAND, CA					Date: 8/15/2011					Serial No.: 1 of	
Project Name: 500 KIRKHAM		Field Logbook No.: DFR 8/15/2011										Samplers: N. GALLOWAY	
Sampler (Signature) <i>Nicky Galloway</i>		ANALYSES											
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-DIESEL / -OIL (8015)	TPH-GASOLINE (8260)	VOCs (8260)	17 METALS (6007/6009)	HOLD	RUSH	REMARKS	
001 JA-2	8/15/11	1115		6	Water	XXX	XXX	XXX	XXX			STANDARD 5 DAY TAT	
002 JA-3		1245		6		XXX	XXX	XXX	XXX				
003 JA-4		1420		6		XXX	XXX	XXX	XXX			E-MAIL RESULTS TO:	
004 JA-4D		1420		6		XXX	XXX	XXX	XXX			DENNIS.LADUZINSKY@NGEM.COM	
005A ~~Equipment Blank~~		1000		3			X	X				ANYA.STAROVYTON@NGEM.COM	
006A ~~Equipment Blank~~												SILICA GEL CLEAN UP ON	
007A TB080911 #4	8/15/11			1	Water			X				WATER SAMPLES	
007A TB080911 #3	8/15/11			1	Water			X				USE JA-2 FOR MS/MSD	
												VOAs FOR JA-4 AND JA-4D ARE UNPRESERVED	
Relinquished by: <i>Nicky Galloway</i>		Date: 8/15/11		Time: 1515		Received By: SIM LESLEY		Date: 8/15/11		Time: 1515			
Relinquished by: <i>Sim Lesley</i>		Date: 8/15/11		Time: 1615		Received By: <i>NS</i>		Date: 8/15/11		Time: 1615			
Method of Shipment: COURIER Pick Up		Date: 8/15/11		Time:		Comments: SEE REMARKS SECTION ABOVE							
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 LABORATORY MILPITAS, CA							

First Comm