Trow

Limited Phase II Environmental Site Assessment
65 Northfield Drive West
Waterloo, Ontario



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Executive Summary

Trow Associates Inc. (Trow) was retained by Mr. Tim Burt of Kraus Carpet Mills Ltd. (Kraus) to conduct a limited Phase II Environmental Site Assessment (ESA) of the property located at 65 Northfield Drive West, Waterloo, Ontario (Figure 1 in Appendix A), hereinafter referred to as the 'Site'. The Site is currently owned by Strudex Fibres Limited and is zoned I-6 Industrial. The Site is developed with industrial buildings (Kraus Carpet) with a total floor space area of approximately 81 471 m^2 (850 279 ft^2), including a warehouse of 16 864 m^2 (176 000 ft^2). The Site has approximately 700 feet of frontage on Northfield Drive and approximately 1800 feet of flankage on Conestogo Road West and occupies 10.75 ha (26.56 acres). Forwell Creek is located in the southwest potion of the property near Strudex Plant #2 (most southerly situated plant building – dry processing only).

The objective of the limited Phase II ESA was to investigate the potential for impacts to soil and groundwater, as identified in the Phase I ESA conducted by Trow in February 2007. The findings of the Phase I ESA are presented in Trow's report entitled "*Phase I Environmental Site Assessment, 65 Northfield Drive West, Waterloo, Ontario*" (Trow Reference: KWEN00281221A, dated February 28, 2007). The concerns were related to soil and groundwater impacts that may have resulted from the current and historical property use both on-Site and off-Site and the presence of two former Underground Storage Tanks (USTs) onsite.

The limited Phase II ESA work was carried out in accordance with the current CSA Standard Z769-00, 'Phase II Environmental Site Assessment' and consisted of advancing sixteen (16) boreholes at the Site. Thirteen (13) of the sixteen (16) boreholes were instrumented with groundwater monitoring wells (Figure 2 in Appendix A).

For assessment purposes, Trow selected the criteria, Site Condition Standards (SCS), provided in Table 1 of "Soil, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act", Ministry of the Environment (MOE), March 9, 2004, for Non-Agricultural Property Use at a Site with medium/fine textured soil in accordance with Ontario Regulation 153/04.

The salient findings of this limited Phase II ESA are as follows:

a) The general stratigraphy at the Site, as revealed in the boreholes consisted of sandy silt, sand and sand and gravel fill overlying native silty sand and silt.

b) The inferred groundwater flow direction was determined to be to the south-southwest (i.e. strongly influenced by the presence of the Forwell Creek).

c) The soil and groundwater analytical results were compared to the Table 1 Site Condition Standards (SCS) for non-agricultural land use at a site with medium/fine textured soil in a potable groundwater situation as specified in the Ministry of the Environment (MOE) *Soil, Groundwater and Sediment Standards for Use Under Part*

XV.1 of the Environmental Protection Act (March 9, 2004). The Table 1 SCS were deemed applicable as the Site is within 30 meters of a water body (Forwell Creek).

d) The analytical results reported for the soil samples submitted for Petroleum Hydrocarbons (PHC) Fractions F1 to F4 (F1-F4), Benzene Toluene, Ethylbenzene, Xylenes (BTEX) and Polychlorinated Phenyls (PCBs), indicate that the concentrations of all tested parameters were less than their respective Table 1 SCS, where established. All laboratory Reportable Detection Limits (RDLs) were less than their respective MOE Table 1 SCS, where established.

e) The analytical results reported for soil sample MW2 S2 indicated a marginal exceedance of Antimony (2 ug/g) above the MOE Table 1 SCS of 1 ug/g.

The analytical results reported for the remaining metal parameters indicated that the concentrations of all tested parameters were below their respective MOE Table 1 SCS, where established. All laboratory RDLs were less than their respective MOE Table 1 SCS, where established.

f) The analytical results reported for soil samples BH7 S1, MW7A S3, MW8 S2 and Duplicate D (field duplicate of soil sample BH7 S1) indicated marginal exceedances of Toluene (0.005, 0.004, 0.005 and 0.004 ug/g respectively) above the MOE Table 1 SCS of 0.002 ug/g. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 2.1 ug/g.

The analytical results reported for the remaining soil samples tested for VOCs were below or at the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS, where established.

g) The analytical results reported for the groundwater samples submitted for PHC Fractions F1-F4, BTEX and PCBs indicated that the concentrations of all tested parameters were less than their respective Table 1 SCS, where established. All laboratory RDLs were less than their respective MOE Table 1 SCS, where established.

h) The analytical results reported for groundwater samples MW7A, MW8, MW101, MW102, and MW106 indicated marginal exceedances of Toluene (1.1, 1.9, 2.5, 3.9 and 2.0 ug/L respectively) above the MOE Table 1 SCS of 0.8 ug/L. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 24 ug/L.

The analytical results reported for the remaining groundwater samples collected and analyzed for VOCs were below the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS.

i) No indication of the presence of sheen and/or odour was detected in the groundwater samples collected at the Site.

Conclusions:

It should be noted that while several chemical compounds were analysed both in soil groundwater, only one parameter Toluene was found marginally above the MOE Table 1 SCS. Further, a most stringent site criterion (Table 1) was selected due to the close proximity to Forwell Creek. This stringent comparison is only applicable to an area bounded by 30 m from the creek. Therefore, the reported marginal exceedance is considered very conservative and if the Site was compared to MOE Table 2 SCS (Potable groundwater condition), there were no exceedances for soil or groundwater.

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1. Introduction and Background

Trow Associates Inc. (Trow) was retained by retained by Mr. Tim Burt of Kraus Carpet Mills Ltd. (Kraus) to conduct a limited Phase II Environmental Site Assessment (ESA) of the property located at 65 Northfield Drive West, Waterloo, Ontario (Figure 1 in Appendix A), hereinafter referred to as the 'Site'. Authorization for Trow to proceed with the limited Phase II ESA was given by Mr. Tim Burt of Kraus.

1.1 Site Description and Background

The Site is located at 65 Northfield Drive West, Waterloo, Ontario. The Site is generally flat with a gentle slope to the southwest, towards Forwell Creek. The land use of the Site is industrial and is bound by industrial development to the south, the Conestoga Parkway to the west, Conestogo Road West to the east and Northfield Drive to the north. Beyond the three adjacent roadways, industrial/commercial development was observed. The Site is developed with industrial buildings with a total floor space area of approximately 81 471 m^2 (850 279 ft^2), including a warehouse of 16 864 m^2 (176 000 ft^2). The Site has approximately 700 feet of frontage on Northfield Drive and approximately 1800 feet of flankage on Conestogo Road West and occupies 10.75 ha (26.56 acres). The current and historic facility is a textile mill and carpet manufacturer.

Based on the results of the Phase I ESA, Trow identified the following potential environmental liabilities associated with the Site:

- The manufacturing facilities on-Site have been in use as a textile mill for approximately 30 years. Current processes were reviewed for environmental concerns. However, former processes have been changing and upgrading over the past 30 years.

- It was reported that two former USTs were removed from the west driveway onsite near the boiler room approximately ten years ago. The contractor that was reported to have removed the UST was unable to supply Trow with any documentation regarding the UST removals. The owners of the Site were also unable to provide Trow with any documentation regarding the removal of the USTs. Asphalt patching was observed in the area where the USTs were reported to have been removed.

- Trench drains were observed in concrete floors on the lowest level of the building. Pools of dyes, protective coatings and stain release agents were observed on the concrete floors. Rough trenches were worn or cut into the floor slab leading to the trench drains. Evidence of acid spills and sulphite spills were observed on the boiler room floor. The concrete floors and trench drains were in poor condition.

- The Site is located in an industrial area. Various industrial properties are located around the perimeter of the Site building. The properties surrounding the Site have been in light to moderate industrial use since the 1980s. A transformer station and an

automotive repair facility are located approximately 30 m east of the Site. Prior to the 1980s, the area was predominantly agricultural and undeveloped.

As such, Trow recommended that a limited soil and groundwater investigation (Limited Phase II ESA) be conducted at the Site to investigate the potential soil and groundwater impacts that may have resulted from current and historical on-Site and off-Site property uses and the presence of two former Underground Storage Tanks (USTs).

1.2 Objective

The objective of the limited Phase II ESA was to investigate the potential for impacts to soil and groundwater, as identified in the Phase I ESA conducted by Trow in February 2007. The findings of the Phase I ESA are presented in Trow's report entitled "*Phase I Environmental Site Assessment, 65 Northfield Drive West, Waterloo, Ontario*" (Trow Reference: KWEN00281221A, dated February 28, 2007). The concerns were related to soil and groundwater impacts that may have resulted from the current and historical property use both on-Site and off-Site and the presence of two former Underground Storage Tanks (USTs) on-Site.

1.3 Scope of Work

The scope of work for the limited Phase II ESA was as follows:

- Request local utility locating companies (cable, telephone, gas, hydro) to mark any underground utilities present at the Site;
- Retain a private utility locating company to mark any underground utilities present in the vicinity of the borehole locations and to clear the individual borehole locations;
- Advance a total of sixteen (16) boreholes;
- Instrument thirteen (13) monitoring wells in thirteen (13) of the boreholes;
- Collect representative soil samples for analysis of pH, Petroleum Hydrocarbons (PHC) Fractions 1 to 4 (F1-F4), including Benzene, Toluene, Ethylbenzene and Xylenes (BTEX), Volatile Organic Compounds (VOCs), Metals and Polychlorinated Biphenyls (PCBs);
- Collect groundwater samples from the installed monitoring wells for analysis of PHC F1-F4, including BTEX, VOCs and PCBs;
- Collect both sediment and surface water samples from the facility's discharge into Forwell Creek; and
- Prepare a report of the findings.

1.4 Site Assessment Criteria

The assessment criteria, Site Condition Standards (SCS), applicable to a given site in Ontario are established under subsection 168.4(1) of the Environmental Protection Act. Tabulated generic criteria are provided in "Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" ("the SGWS Standards"), MOE, March 2004. These criteria are based on site sensitivity (sensitive or non-sensitive), Groundwater use (potable or non-potable), property use (residential, parkland, institutional, commercial, industrial, community and agricultural/other), soil type (coarse or medium/fine textured) and restoration depth (full or stratified restoration). In addition, site specific criteria may be established on the basis of the findings of a Risk Assessment carried out in accordance with Part IX and Schedule C of Ontario Regulation 153/04 (O.Reg. 153/04).

The SGWS Standards specify SCS for soil, groundwater and sediment that are tabulated as follows:

Table 1 – applicable to sites where background concentrations must be met (full depth) such as sensitive sites where site-specific criteria have not been derived;

Table 2 – applicable to sites with potable Groundwater and full depth restoration;

Table 3 – applicable to sites with non-potable Groundwater and full depth restoration;

Table 4 – applicable to sites with potable Groundwater and stratified restoration;

Table 5 – applicable to sites with non-potable Groundwater and stratified restoration;

Table 6 – used to determine if a site with less than 2 m of overburden above bedrock is a sensitive site or not.

For assessment purposes, Trow selected the Table 1 SCS for Non-Agricultural Property Use with medium/fine textured soil. The selection of this category is based on the following factors:

- The Site is considered a sensitive Site as it is within 30 m of a water body (Forwell Creek runs through the southwest corner of the Site property);
- The Region of Waterloo uses groundwater as a source of potable water;
- The Property Use of the Site is industrial and no change in land use is planned;
- The predominant soil type on the Site is considered to be medium/fine textured textured based on field observations and completion of a grain size distribution analysis (Borehole logs are included in Appendix B and grain size test results are included in Appendix C); and
- There is no intention to carry out a stratified restoration at the Site.

2. Methodology

2.1 Drilling and Soil Sampling

Prior to the commencement of drilling activities, the locations of underground utilities including telephone, natural gas and electrical lines were marked out by local locating companies as well as a private utility locating service that also cleared the individual borehole locations.

The fieldwork for the limited Phase II ESA was carried out from March 28th to April 18th, 2007. See the table below for drilling schedule

Table 2.1.A: Summary of Drilling Activities

Drill Date	Driller	Advanced Boreholes/Monitoring Wells
March 28, 2007	Strata*	BH1(MW1), BH2, BH3 (MW3), BH4, BH5, BH6 (MW6)
March 29, 2007	Sonic**	BH7 (refusal at 0.76 m)
April 1, 2007	Altech***	BH7A (MW7a) and BH8 (MW8)
April 4, 2007	Altech***	BH2 re-drilled (MW2)
April 10, 2007	Altech***	BH101 (MW101), BH102 (MW102) and BH103 (MW103), BH104 (MW104)
April 11, 2007	Altech***	BH105 (MW105), BH106 (MW106) and BH107 (MW107)

* Strata - Strata Soil Sampling Inc. ("Strata", a licensed well contractor)

**Sonic – Sonic Soil Sampling Inc. ("Sonic", a licensed well contractor)

***Altech – Altech Drilling & Investigative Services Ltd. ("Altech", a licensed well contractor)

All sixteen (16) boreholes (BH1 – BH16) were advanced at the Site under the full-time supervision of Trow staff. A geoprobe drilling rig equipped with a split-spoon sampler was used by Strata and Altech and a handheld Pionjar was used by Sonic. No petroleum-based greases or solvents were used during drilling activities. Boreholes BH1 to BH16 were advanced to completion depths between 0.76 m and 10.67 m.

The approximate locations of the boreholes and monitoring wells are shown on the attached Borehole Location Plan (Figure 3). The rationale for the selection of boreholes is as follows:

- MW1 – located on the east portion of Site property, adjacent to the eastern property (a diesel fuel handling operation);
- MW2 – located on the southeast portion of the Site property, adjacent to a transformer hydro station;
- MW3 – located on the west portion of the Site property in the vicinity of a former underground storage tanks (USTs);
- BH4 – located north of a former USTs;

- BH5 – located south of a former USTs;
- MW6 – located in the interior of the Site building (boiler room), where visible acid spills and sulphite spills were observed at the time of the Phase I ESA conducted by Trow in March 2007;
- BH7 – located in the interior of the Site building (production area), where pools of dyes, protective coatings and stain release agents were observed at the time of the Phase I ESA conducted by Trow in March 2007;
- MW7A – located in the interior of the Site building (production area), where pools of dyes, protective coatings and stain release agents were observed at the time of the Phase I ESA conducted by Trow in March 2007;
- MW8 – located in the interior of the Site building, (production area), in the vicinity of the trench drains;
- MW101 – located on the north portion of Site property - Site Coverage;
- MW 102 – located in the southwest portion of the Site property (behind Strudex Plant #2) within 30 m of Forwell Creek;
- MW 103 – located on the west portion of the Site property within 30 m of Forwell Creek – Site Coverage;
- MW104 – located in the south central portion of the property within 30 m of Forwell Creek – Site Coverage;
- MW 105 – located in the south central portion of the property within 30 m of Forwell Creek – Site Coverage;
- MW 106 – located in the west central portion of the Site property – Site Coverage; and
- MW 107 – located in the east central portion of the Site property – Site Coverage.

Trow staff continuously monitored the drilling activities to log the recovered soil cores and record the depth of soil sample collection and total depth of boring. Field observations are summarized on the borehole logs provided in Appendix B. Continuous soil samples were recovered in the boreholes using a split-spoon sampler driven in accordance with standard penetration test procedures.

During sampling, the stainless steel sampling equipment was cleaned between sampling intervals by washing with a potable water/phosphate-free detergent solution followed by a rinse with distilled water to reduce the potential for cross-contamination.

Dedicated nitrile gloves (i.e., one pair per sample) were used during sample handling. A portion of each soil core was placed in a sealed "zip-lock" plastic bag and allowed to reach

ambient temperature prior to field screening with a MiniRae photoionization detector equipped with a 10.6 eV lamp. The MiniRae was calibrated with isobutylene reference gas prior to use. The measurements were made by inserting the instrument's probe into the plastic bag while manipulating the sample to ensure volatilization of the soil gases. These readings provide a real-time indication of the relative concentration of organic vapors encountered in the subsurface during drilling and are used to aid in the assessment of the vertical and horizontal extent of contamination and the selection of soil samples for analysis. The vapour readings, in ppm isobutylene equivalent, are provided on the borehole logs in Appendix B. These samples were subsequently delivered to Trow's laboratory for visual, textural and olfactory classification.

The remaining portion of each soil core was placed directly into pre-cleaned, laboratory-supplied glass sample jars/vials. The jars/vials that contained samples intended for analysis for BTEX and PHC F1-F4 were equipped with Teflon seals, and were filled so as to minimize head-space and reduce the potential for induced volatilization during storage/transport prior to analysis. All soil samples were placed in clean ice-packed coolers prior to and during transportation to the subcontract laboratory, ALS Laboratory Group of Waterloo, Ontario (ALS). The samples were transported/submitted under Chain of Custody documentation. Soil samples were selected for laboratory analysis on the basis of their vapour measurements or visual or olfactory evidence of impacts. The following soil samples were submitted for laboratory analysis:

Table 2.1.B: Summary of Soil Samples Submitted for Chemical Analyses

Borehole & Soil Sample #	Depth (m)	Rationale for Submission	Analysis
MW1 (S2)	0.61 – 1.22	Fill Material and Regulatory Sample(<1.5 m)	pH
MW1 (S5)	2.44 – 3.05	Fill Material and Regulatory Sample(>1.5 m)	pH
MW1(S8)	4.27 – 4.88	Highest Vapour Reading	PHC F1-F4, BTEX
MW2 (S2)	0.61 – 1.22	Fill Material	Metals
MW2 (S10)	5.49 – 6.10	Highest Vapour Reading	PHC F1-F4, VOCs and PCBs
MW3 (S1)	0.00 – 0.61	Fill Material	Metals
MW3 (S7)	3.66 – 4.27	Highest Vapour Reading	PHC F1-F4, BTEX
BH4 (S7)	3.66 – 4.27	Highest Vapour Reading	PHC F1-F4, BTEX
BH5 (S7)	3.66 – 4.27	Highest Vapour Reading	PHC F1-F4, BTEX
MW6 (S5)	2.44 – 3.05	Highest Vapour Reading	VOCs
BH7 (S1)	0.00 – 0.61	Highest Vapour Reading	VOCs
MW7A (S3)	1.52 – 2.29	Highest Vapour Reading	VOCs
MW8 (S2)	0.76 – 1.52	Highest Vapour Reading	VOCs
Dup A – Field Duplicate of MW1 (S2)	2.44 – 3.05	Laboratory Quality Assurance	pH
Dup B – Field Duplicate of MW3 (S1)	0.00 – 0.61	Laboratory Quality Assurance	Metals
Dup C – Field Duplicate of BH5 (S7)	3.66 – 4.27	Laboratory Quality Assurance	PHC F1-F4, BTEX
Dup D – Field Duplicate of BH7 (S1)	0.00 – 0.61	Laboratory Quality Assurance	VOCs

Borehole & Soil Sample #	Depth (m)	Rationale for Submission	Analysis
Sediment 1	0.0 – 0.15	Collected from the facility's discharge into Forwell Creek	VOCs
MW101 (S5)	3.05 – 3.91	Highest Vapour Reading	VOCs
MW102 (S1)	0.00 – 0.76	Highest Vapour Reading	VOCs
MW103 (S2)	0.76 – 1.52	Highest Vapour Reading	VOCs
MW103 (S6)	3.91 – 4.67	Visual Staining	PHC (F1 –F4)
MW104 (S6)	3.91 – 4.67	Highest Vapour Reading	VOCs
MW105 (S8)	4.27 – 4.88	Highest Vapour Reading	VOCs
MW106 (S10)	5.34 – 6.10	Highest Vapour Reading	VOCs
MW107 (S9)	4.88 – 5.34	Highest Vapour Reading	VOCs

Note: 1 – PHC – Petroleum Hydrocarbons
2 – F1 – F4 – Fractions 1 – 4
3 – BTEX – Benzene, Toluene, Ethylbenzene and Xylenes
4 – PCBs – Polychlorinated Biphenyls
5 – VOCs – Volatile Organic Compounds

2.2 Monitoring Well Installations

Groundwater monitoring wells were installed in thirteen (13) of the sixteen (16) boreholes advanced at the Site (MW1, MW2, MW3, MW6, MW7A, MW8, MW101, MW102, MW103, MW104, MW105, MW106 and MW107). The monitoring wells were installed in general accordance with the Ontario Water Resources Act - R.R.O. 1990, Regulation 903 - Amended to O. Reg. 128/03 and were installed by licensed well contractors ("Strata" and "Altech").

The monitoring wells installed on-Site were constructed of 51 mm Schedule 40 PVC screen and riser. A 3.1 m long screen and an appropriate length of riser pipe were used in the monitoring wells. Details of the well installation are provided on the borehole logs in Appendix B. The well screens have a slot size of approximately 0.25 mm (slot 10) and were sealed at the base with a PVC end cap. The annular space around the well screen and to an average height of 0.6 m above the top of the screen was backfilled with #3 silica sand. The sand pack was extended above the screen to allow for compaction of the sand pack and expansion of the overlying well seal. A granular bentonite ('Hole Plug') seal was placed in the borehole annulus from the top of the sand pack to approximately 0.3 m below ground surface. The monitoring wells were completed with a flush-mounted protective steel casing cemented into place. Lubricants and adhesives were not used when constructing the monitoring wells.

Trow staff surveyed in the wells with respect to a chosen on-Site temporary bench mark (TBM) and chained in their locations with respect to features such as building corners, curb lines, catch basins, etc.

When the use of the monitoring wells are no longer required, they must be decommissioned in accordance with the procedure outlined in the Ontario Water Resources Act - R.R.O. 1990, Regulation 903 - Amended to O. Reg. 128/03.

2.3 Groundwater Sampling

Monitoring wells MW1, MW3 and MW6 were developed and sampled on March 29, 2007. Monitoring wells MW7A and MW8 were developed and sampled on April 1, 2007. Monitoring well MW2 was developed and sampled on April 4, 2007. Monitoring wells MW101, MW102, MW103, MW104, MW105, MW106 and MW107 were developed and sampled on April 12, 2007. MW104 and MW105 were dry and could not be sampled on April 12, 2007. All monitoring wells were purged using Waterra tubing for each well prior to sampling by bailing three to five casing volumes of water from the well. Sample handling/storage procedures were consistent with those outlined previously for soil sampling. Each vial was inverted prior to being placed in a cooler to ensure that no head-space was present in the sample. Groundwater samples were transported to ALS Laboratory Group of Waterloo, Ontario, under Chain of Custody documentation, within 24 hours of sample collection.

Purged groundwater was left on-Site in a sealed container. The off-Site disposal of this material was not within the scope of this project.

2.4 Deviations from CSA Standard

No deviations from the CSA Standard Z769-00 for Phase II ESAs, published in March 2000, were encountered during this limited Phase II ESA.

3. Findings

3.1 Subsurface Conditions

The detailed soil profiles encountered in each borehole are provided on the attached borehole logs (Appendix B). Boundaries of soils indicated on the log of the borehole sheets are intended to reflect transition zones for the purpose of environmental assessment and should not be interpreted as exact planes of geological change. The general stratigraphy at the Site, as revealed in the boreholes, consists of sandy silt, sand and sand and gravel fill overlying native silty sand and silt.

A brief description of the soil stratigraphy at the Site, in order of depth, is summarized in the following sections.

3.1.2 Fill Material

Borehole #	Depth (m)	Fill Material
BH1 (MW1)	0.0 – 0.05 0.05- 0.3 0.3 – 1.22	Asphalt Sand and Gravel Sandy Silt with trace gravel
BH2 (MW2)	0.0 – 0.05 0.05 – 1.22	Asphalt Sand and Gravel
BH3 (MW3)	0.0 – 0.05 0.05 - 0.6 0.6 – 1.22 1.22 – 3.96	Asphalt Sand and Gravel Sand Sand and Gravel
BH4	0.0 – 0.05 0.05 – 1.22	Asphalt Sand and Gravel
BH5	0.0 – 0.05 0.05 – 3.0	Asphalt Sand and Gravel
BH6 (MW6)	0.0 – 0.1 0.1 – 0.6	Concrete Sand and Gravel
BH7	0.0 – 0.1 0.1 – 0.76	Concrete Sand and Gravel
BH7a (MW7a)	0.0 – 0.1 0.1 – 9.15	Concrete Sand and Gravel
BH8 (MW8)	0.0 – 0.1 0.1 – 9.0	Concrete Sand and Gravel
BH101 (MW101)	0.0 – 0.05 0.05 – 0.3 0.3 – 0.76	Asphalt Sand and Gravel Silty Sand
BH102 (MW102)	0.0 – 0.76	Topsoil
BH103 (MW103)	0.0 – 0.05 0.05 – 0.76 0.76 – 1.52	Asphalt Sand and Gravel Clayey Sand
BH104 (MW104)	0.0 – 0.05 0.05 – 1.6 1.6 – 1.8	Asphalt Sand and Gravel Sandy Silt

Borehole #	Depth (m)	Fill Material
BH105 (MW105)	0.0 – 0.05 0.05 – 0.3 0.3 – 3.0	Asphalt Sand and Gravel Clayey Sand with rock fragments
BH106 (MW106)	0.0 – 0.05 0.05 – 1.83	Asphalt Sand and Gravel
BH107 (MW107)	0.0 – 0.05 0.05 – 0.3 0.3 – 0.6 0.6 – 1.2	Asphalt Sand and Gravel Sand Silty Sand

3.1.3 Native Material

The native material in the boreholes generally consisted of brown silty sand, sand and sandy silt. Native materials were not encountered in BH7, BH7A and MW8.

The native materials encountered were generally moist to wet.

3.2 Groundwater

The depth to groundwater was measured in the monitoring wells prior to purging and sampling the wells. Monitoring wells MW1, MW3 and MW6 were developed and sampled on March 29, 2007. Monitoring wells MW7A and MW8 were developed and sampled on April 1, 2007. Monitoring well MW2 was developed and sampled on April 4, 2007. Monitoring wells MW101, MW102, MW103, MW104, MW105, MW106 and MW107 were developed and sampled on April 12, 2007. MW104 and MW105 were dry and could not be sampled on April 12, 2007. Groundwater elevations relative to the ground surface are illustrated in the borehole logs in Appendix B and are summarized in Table 3.2 below.

Table 3.2: Summary of Groundwater Levels

Monitoring Well ID	Ground Surface Elevation (m)*	Depth to Groundwater Below Top of Casing (m)	Groundwater Elevation (m)*
MW1	101.700	2.878	98.822
MW2	99.080	4.480	94.600
MW3	98.267	2.243	96.024
MW6	96.895	2.885	94.010
MW7A	102.548	8.875	93.673
MW8	102.548	9.520	93.028
MW101	105.060	4.490	100.570
MW102	98.147	3.925	94.222
MW103	97.899	3.913	93.986
MW104	98.676	dry	Not applicable
MW105	99.497	dry	Not applicable

MW106	98.900	4.985	93.915
MW107	101.633	4.171	97.462

*Ground surface and groundwater elevations were calculated using temporary bench mark (TBM = 100.000 m). The TBM was the top of a fire hydrant located on the west portion of the Site property.

The shallow, horizontal groundwater flow is towards the south-southwest, towards the Forwell Creek.

4. Soil and Groundwater Quality

4.1 General

In accordance with the scope of work, chemical analyses were performed on selected soil samples recovered from the boreholes. The selection of representative "worst case" soil samples from each borehole was based on field screening for organic vapours and visual or olfactory evidence of impacts as detailed in Table 2.1.

4.2 Soil Quality

Copies of the laboratory Certificates of Analysis for the tested soil samples are provided in Appendix D.

The Table 1 SCS criteria are applicable if soil pH is in the range of 5 to 9. The Certificates of Analysis include pH measurements taken on two (2) soil samples (MW1 S2 and MW1 S5). Acceptable values of pH 8.82 and 8.52 were reported for these shallow and deep soil samples. A field duplicate of soil sample MW1 S2 labelled Duplicate A was also collected and analyzed for pH. A value of 8.82 was reported for the duplicate sample.

4.2.1 Petroleum Hydrocarbon (PHC) Fractions (F1- F4) and BTEX

The analytical results reported for soil samples submitted for PHC (F1 – F4) and BTEX analysis indicated no detectable concentrations of PHC (F1 – F4) and BTEX. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.2.2 Volatile Organic Compounds (VOCs)

The analytical result reported for soil sample BH7 S1, Duplicate D (field duplicate of soil sample BH7 S1) MW7A S3 and MW8 S2 indicated marginal exceedances of Toulene (0.005, 0.004, 0.005 and 0.004 ug/g respectively) above the MOE Table 1 SCS of 0.002 ug/g. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 2.1 ug/g.

The remaining soil samples tested for VOCs were at or below the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.2.3 Metals

The analytical result reported for soil sample MW2 (S2) indicated a marginal exceedance of Antimony (2 ug/g) above the MOE Table 1 SCS of 1 ug/g. The remaining soil samples tested for metals were below the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.2.4 Polychlorinated Biphenyls (PCBs)

The analytical results reported for soil samples submitted for PCBs analysis indicated no detectable concentrations of PCBs. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.3 Sediment Quality

Copies of the laboratory Certificates of Analysis for the sediment sample collected are provided in Appendix D.

4.3.1 Volatile Organic Compounds (VOCs)

The analytical results reported for the sediment sample collected from the point source discharge into Forwell Creek by the textile facility submitted for VOCs analysis indicated no detectable concentrations of VOCs. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.4 Groundwater Quality

Copies of the laboratory Certificates of Analysis for the groundwater samples are provided in Appendix D.

No evidence of free product (i.e., visible film or sheen), or odour was observed during well purging and groundwater sampling.

4.4.1 Petroleum Hydrocarbon (PHC) Fractions (F1- F4) and BTEX

The analytical results reported for groundwater samples submitted for PHC (F1 – F4) and BTEX analysis indicated no detectable concentrations of PHC (F1 – F4) and BTEX. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.4.2 Volatile Organic Compounds (VOCs)

The analytical results reported for groundwater samples MW7A, MW8, MW101, MW102, and MW106 indicated marginal exceedances of Toulene (1.1, 1.9, 2.5, 3.9 and 2.0 ug/L respectively) above the MOE Table 1 SCS of 0.8 ug/L. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 24 ug/L.

The remaining groundwater samples tested for VOCs were at or below the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.4.3 Polychlorinated Biphenyls (PCBs)

The analytical results reported for groundwater samples submitted for PCBs analysis indicated no detectable concentrations of PCBs. The laboratory RDLs were below the MOE Table 1 SCS, where established.

4.5 Surface Water Quality

Copies of the laboratory Certificates of Analysis for the surface water sample collected is provided in Appendix D.

4.5.1 Volatile Organic Compounds (VOCs)

The analytical results reported for the sediment sample from an outfall near Strudex Plant#2 (southern building onsite) that flows into Forwell Creek (runs along southwest portion of Site) which was submitted for Volatile Organic Compounds (VOCs), indicated that the concentrations of all tested parameters were less than their respective Table 1 SCS, where established. The analytical results reported for the surface water sample indicated a marginal exceedance of Chloroform and a temperature reading of 30 degrees Celsius. The remaining VOC parameters indicated that the concentrations were below the MOE Table 1 SCS.

Kraus immediately acted on the issue and dismantled and reconnected all the appropriate piping in the sanitary sewer and located a steam leak subsequently which was attributing to the temperature of the creek during the initial sample. Trow has since returned to the Site twice after the initial sample and re-sampled the surface water from the outfall area and the submitted samples for VOCs. The samples indicated that the concentrations of all the tested parameters were less than their respective MOE Table 1 SCS. The temperature of the Creek was measured at 8 and 9 degrees Celsius during the additional visits. Trow does not recommend any further work concerning this issue.

4.6 Quality Assurance

Details regarding quality assurance measures taken in the field, including instrument calibration, decontamination procedures, use of dedicated equipment, sample storage and Chain of Custody documentation are provided in Section 2, Methodology.

The subcontract laboratory used during this investigation, ALS Laboratory Group, is accredited by the Standards Council of Canada/Canadian Association of Environmental Analytical Laboratories (Accredited Laboratory No. 386) in accordance with ISO/IEC 17025:1999 – "General Requirements for the Competence of Testing and Calibration Laboratories" for the analysis of all parameters for all samples in the scope of work for which SCS have been established under Ontario Regulation 153/04.

The "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act" ("the Analytical Protocol"), MOE, March 2004,

establishes criteria used in assessing the performance of analytical laboratories when the data are used in support of the filing of Records of Site Condition.

The laboratory quality assurance program included the analysis of laboratory duplicate (replicate) samples, method blanks, spiked blanks, spiked samples and samples of reference materials in accordance with the Analytical Protocol. These analytical results comprise portions of the Certificates of Analysis in Appendix D. ALS Laboratory Group overall quality control for the analysis meets their acceptability criteria.

5. Summary of Main Findings

Based on the results of the subsurface investigation conducted at the Site, the following findings are presented:

The salient findings of this limited Phase II ESA are as follows:

a) The general stratigraphy at the Site, as revealed in the boreholes consisted of sandy silt, sand and sand and gravel fill overlying native silty sand and silt.

b) The inferred groundwater flow direction was determined to be to the south-southwest (i.e. strongly influenced by the presence of the Forwell Creek).

c) The soil and groundwater analytical results were compared to the Table 1 Site Condition Standards (SCS) for non-agricultural land use at a site with medium/fine textured soil in a potable groundwater situation as specified in the Ministry of the Environment (MOE) *Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (March 9, 2004). The Table 1 SCS were deemed applicable as the Site is within 30 meters of a water body (Forwell Creek).

d) The analytical results reported for the soil samples submitted for Petroleum Hydrocarbons (PHC) Fractions F1 to F4 (F1-F4), Benzene Toluene, Ethylbenzene, Xylenes (BTEX) and Polychlorinated Phenyls (PCBs), indicate that the concentrations of all tested parameters were less than their respective Table 1 SCS, where established. All laboratory Reportable Detection Limits (RDLs) were less than their respective MOE Table 1 SCS, where established.

e) The analytical results reported for soil sample MW2 S2 indicated a marginal exceedance of Antimony (2 ug/g) above the MOE Table 1 SCS of 1 ug/g.

   The analytical results reported for the remaining metal parameters indicated that the concentrations of all tested parameters were below their respective MOE Table 1 SCS, where established. All laboratory RDLs were less than their respective MOE Table 1 SCS, where established.

f) The analytical results reported for soil samples BH7 S1, MW7A S3, MW8 S2 and Duplicate D (field duplicate of soil sample BH7 S1) indicated marginal exceedances of Toluene (0.005, 0.004, 0.005 and 0.004 ug/g respectively) above the MOE Table 1 SCS of 0.002 ug/g. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 2.1 ug/g.

   The analytical results reported for the remaining soil samples tested for VOCs were below or at the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS, where established.

g) The analytical results reported for the groundwater samples submitted for PHC Fractions F1-F4, BTEX and PCBs indicated that the concentrations of all tested parameters were less than their respective Table 1 SCS, where established. All laboratory RDLs were less than their respective MOE Table 1 SCS, where established.

h) The analytical results reported for groundwater samples MW7A, MW8, MW101, MW102, and MW106 indicated marginal exceedances of Toluene (1.1, 1.9, 2.5, 3.9 and 2.0 ug/L respectively) above the MOE Table 1 SCS of 0.8 ug/L. The analytical results when compared to the MOE Table 2 SCS were the below the criteria of 24 ug/L.

The analytical results reported for the remaining groundwater samples collected and analyzed for VOCs were below the MOE Table 1 SCS. The laboratory RDLs were below the MOE Table 1 SCS.

i) No indication of the presence of sheen and/or odour was detected in the groundwater samples collected at the Site.

6. Conclusions

It should be noted that while several chemical compounds were analysed both in soil groundwater, only one parameter Toluene was found marginally above the MOE Table 1. Further, a most stringent site criterion (Table 1) was selected due to the close proximity to Forwell Creek. This stringent comparison is only applicable to an area bounded by 30 m from the creek. Therefore, the reported marginal exceedance is considered very conservative and if the Site was compared to MOE Table 2 SCS (Potable groundwater condition), there were no exceedances for soil or groundwater.

7. References

This study was conducted in accordance with the applicable Regulations, Guidelines, Policies, Standards, Protocols and Objectives administered by the Ministry of the Environment. Specific reference is made to the following:

- *"Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario,"* Ministry of the Environment of Ontario, December 1996;
- *The Ontario Water Resources Act - R.R.O. 1990, Regulation 903 - Amended to O. Reg. 128/03*, August 2003;
- *"Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act,"* March 2004;
- *"Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act,"* March 2004;
- *Ontario Regulation 153/04 (made under the Environmental Protection Act),* May 2004 (MOE);
- *Environmental Protection Act*, R.S.O. 1990, Chapter E.19, as amended, September 2004; and
- *"Z769-00, Phase II Environmental Site Assessment,"* Canadian Standard Association, March 2000.

In addition, the following references were also used:

- *"Phase I Environmental Site Assessment, 65 Northfield Drive West. Waterloo, Ontario"*, February 28, 2007 prepared by Trow Associates Inc. Reference # KWEN00281221A.

8. General Limitations

The information presented in this report is based on a limited investigation designed to provide information to support an assessment of the current environmental conditions within the subject property. The conclusions and recommendations presented in this report reflect Site conditions existing at the time of the investigation.

More specific information with respect to the conditions between samples, or the lateral and vertical extent of materials may become apparent during excavation operations. The interpretation of the borehole information must, therefore, be validated during any such excavation operations. Consequently, during the future development of the property, conditions not observed during this investigation may become apparent. Should this occur, Trow Associates Inc. should be contacted to assess the situation, and the need for additional testing and reporting. Trow has qualified personnel to provide assistance in regards to any future geotechnical and environmental issues related to this property.

The environmental investigation was carried out to address the intent of applicable provincial Regulations, Guidelines, Policies, Standards, Protocols and Objectives administered by the Ministry of Environment. It should also be noted that current environmental Regulations, Guidelines, Policies, Standards, Protocols and Objectives are subject to change, and such changes, when put into effect, could alter the conclusions and recommendations noted throughout this report. Achieving the study objectives stated in this report has required us to arrive at conclusions based upon the best information presently known to us. No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information; it can only reduce the possibility to an acceptable level. Professional judgment was exercised in gathering and analyzing the information obtained and in the formulation of the conclusions. Like all professional persons rendering advice we do not act as absolute insurers of the conclusions we reach, but we commit ourselves to care and competence in reaching those conclusions.

Our undertaking at Trow, therefore, is to perform our work within limits prescribed by our clients, with the usual thoroughness and competence of the engineering profession. It is intended that the outcome of this investigation assist in reducing the client's risk associated with environmental impairment. Our work should not be considered 'risk mitigation'. No other warranty or representation, either expressed or implied, is included or intended in this report.

This report was prepared for the exclusive use of Kraus Carpet Mills Ltd. and may not be reproduced in whole or in part, without the prior written consent of Trow, or used or relied upon in whole or in part by other parties for any purposes whatsoever. Any use which a third party makes of this report, or any part thereof, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Trow Associates Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust this report is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours truly,

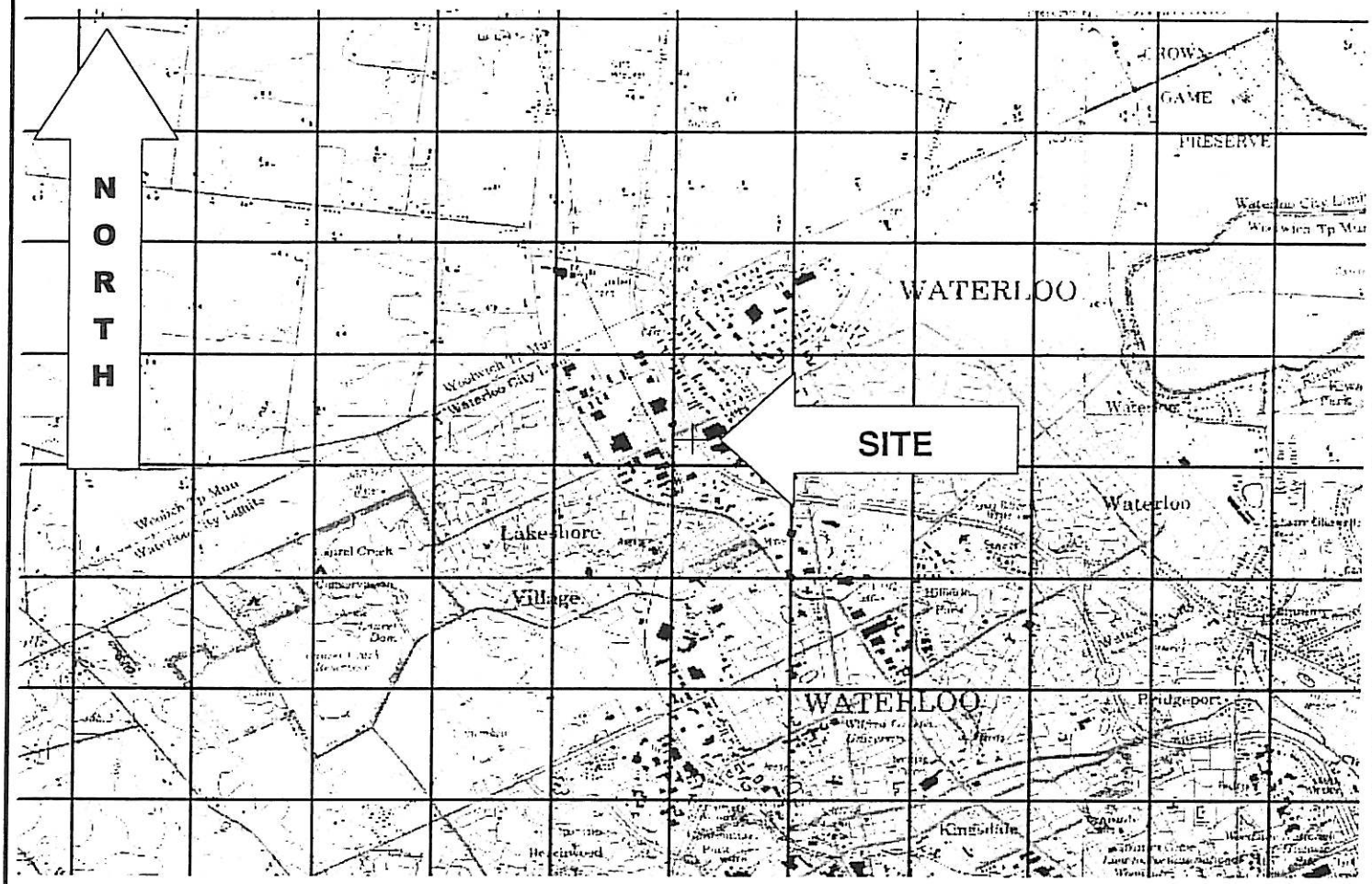
Trow Associates Inc.

Kulvinder Bhambra, B. Sc.
Environmental Scientist
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Bahram (Bob) Gordanifar, P.Eng., CEAS
Head, Remediation Services
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Appendix A:
Figures



Reference: National Topographic System Map 040P07 (1990)
Scale = 1:10 000

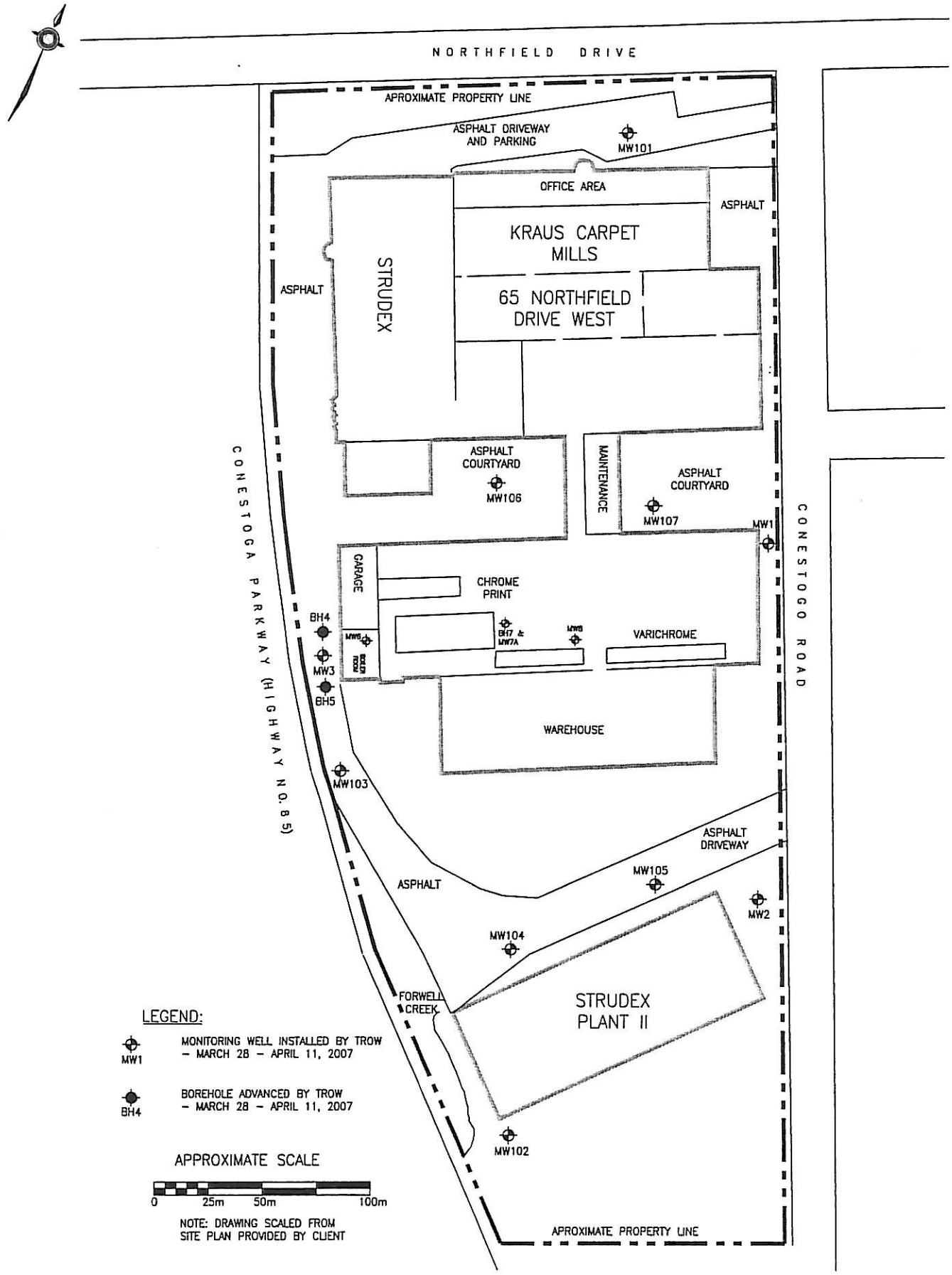
Trow

Trow Associates Inc.

Environmental Division
85 Edwin Street
Kitchener, Ontario
N2H 4N7

(519) 745-4676
Fax (519) 745-5145

Site Location Plan
Limited Phase II Environmental Site Assessment
65 Northfield Drive West
Waterloo, Ontario
Project No. KWEN00281221B
Figure 1



Trow Associates Inc.
85 EDWIN STREET
KITCHENER, ONTARIO N2H 4N7
TEL.:(519) 745-4676 FAX:(519) 745-5145

PROJECT TITLE AND LOCATION:
LIMITED PHASE II E.S.A.
BOREHOLE LOCATION PLAN
65 NORTHFIELD DRIVE WEST
WATERLOO, ONTARIO

JOB NO.:	KWEN00281221B	DWN.:	CF
SCALE:	SEE NOTES	CHKD.:	JS
DATE:	APRIL 2007	FIGURE NO.:	2

Appendix B:
Borehole Logs

Trow

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 1

Project No.: KWEN00281221B

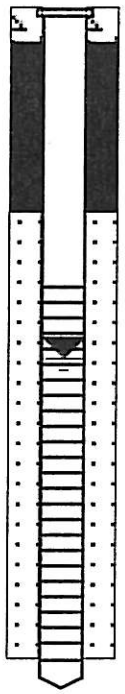
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	101.700					
0 / 0		***asphalt***	101.390	S1		100	0.5	
2		***sand and gravel fill*** Brown, medium to coarse grained, moist. No odours or staining.	100.480	*S2		100	0.2	
4		***sandy silt fill*** Brown, medium to coarse grained, traces of gravel, moist. No odours or staining.		S3		100	0	
6 / 2				S4		100	0	
8		***SILTY SAND*** Light brown, fine to medium grained, traces of gravel, moist. No odours or staining.	99.260	*S5		100	0.3	
10				S6		100	1.3	
12		***SAND*** Light brown, fine to medium grained, trace silt, moist to wet. No odours or staining.		S7		100	0.9	
14 / 4				*S8		100	3.4	
16			96.820					
18		***SILTY SAND*** Light brown, fine to medium grained, damp to moist. No odours or staining.		S9		100	0.4	
20 / 6			95.600	S10		100	0.2	
22		***END OF BOREHOLE***						
24		* Soil sample submitted for laboratory analysis						
26 / 8		Vapour readings taken with a MiniRae Photoionization Detector						
28								
30								



Water Level
= 2.878 mbgs
April 19, 2007

Drilled By: Strata Soil Sampling Inc.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: March 28, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 2

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	99.080					
0		***asphalt***		S1		100	0.1	
2		***sand and gravel fill*** Brown, medium to coarse grained, damp. No odours or staining.	97.860	S2		100	0.1	
4		***SANDY SILT*** Brown, medium to coarse grained, traces of gravel, moist. No odours or staining.		S3		100	1.3	
6 / 2			96.640	S4		100	2.4	
8		***SILTY SAND*** Light brown, fine to medium grained, traces of gravel, damp to moist. No odours or staining.		S5		100	0.1	
10				S6		100	0.1	
12				S7		100	1.0	
14 / 4								
16								Water Level = 4.480 mbgs April 19, 2007
18				*S8		100	3.6	
20 / 6								
22								
24			91.460					
26 / 8		***END OF BOREHOLE***						
28		* Soil sample submitted for laboratory analysis						
30		Vapour readings taken with a MiniRae Photoionization Detector						
32 / 10								
34								
36								

Drilled By: Kodiak Environmental Limited

Drill Method: Hollow Stem Auger

Drill Date: April 5, 2007

Hole Size: 4"

Datum: TBM = 100.00 m

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 3

Project No.: KWEN00281221B

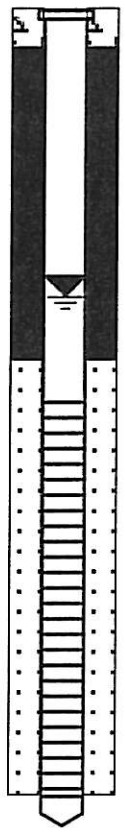
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	98.267					
		asphalt		*S1		100	0.3	
		sand and gravel fill Brown, medium to coarse grained, moist to wet.		S2		100	0.3	
				S3		100	1.1	
2 / 1				S4		100	0.5	
				S5		100	0.7	
		- Between 3.96 m and 4.27 m visible black staining and slight hydrocarbon odour.		S6		100	0.5	
4 / 2			93.997	*S7		100	60	
		SAND Brown, fine to medium grained, trace silt, wet. No odours or staining.		S8		100	3.0	
6 / 3			92.167					
		END OF BOREHOLE						
8 / 4		* Soil sample submitted for laboratory analysis Vapour readings taken with a MiniRae Photoionization Detector						



Water level
= 2.243 mbgs
April 19, 2007

Drilled By: Strata Soil Sampling Inc.

Drill Method: Geoprobe

Drill Date: March 28, 2007

Hole Size: 4"

Datum: TBM = 100.00 m

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: BH 4

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	0.000					No monitoring well installed
		asphalt						
		sand and gravel fill Brown, medium to coarse grained, moist. No odours or staining.		S1		100	3.3	
2				S2		100	3.4	
			-1.220					
4		***SANDY SILT*** Reddish brown, fine to medium grained, moist to wet. No odours or staining.		S3		100	4.2	
6 / 2				S4		100	4.2	
			-2.440					
8		***SILTY SAND*** Brown, fine to medium grained, wet. No odours or staining.		S5		100	2.7	
10				S6		100	2.4	
			-3.660					
12 / 4		***SAND*** Light brown, fine to medium grained, trace silt, wet.		*S7		100	5.8	
14		- Slight hydrocarbon odour between 3.66 m and 4.27 m.		S8		100	3.2	
			-4.880					
16		***END OF BOREHOLE***						
18		* Soil sample submitted for laboratory analysis						
20 / 6		Vapour readings taken with a MiniRae Photoionization Detector						
22								

Drilled By: Strata Soil Sampling Inc.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: March 28, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: BH 5

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	0.000					
		asphalt						
2		***sand and gravel fill*** Brown, medium to coarse grained, moist to wet. No odours or staining.		S1		100	0	
4				S2		100	0	
			-1.520	S3		100	0.6	
6 / 2		***SILTY SAND*** Light brown, fine to medium grained, moist to wet. No odours or staining.		S4		100	1.2	No monitoring well installed
8				S5		100	3.2	
10				S6		100	4.2	
12 / 4				*S7		100	5.8	
14				S8		100	3.8	
16			-4.880					
		END OF BOREHOLE						
18		* Soil sample submitted for laboratory analysis						
20 / 6		Vapour readings taken with a MiniRae Photoionization Detector						
22								

Drilled By: Strata Soil Sampling Inc.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: March 28, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 6

Project No.: KWEN00281221B

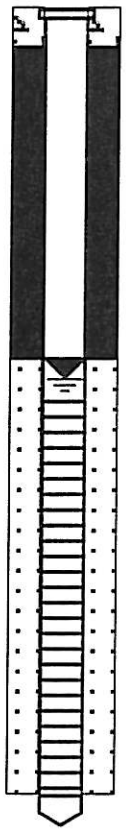
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	96.895					
		concrete						
2		***sand and gravel fill*** Brown, medium to coarse grained, damp. No odours or staining.	96.285	S1		100	29	
			95.675	S2		100	2.4	
4		***SANDY SILT*** Brown, fine to medium grained, moist. No odours or staining.		S3		100	99.5	
6 / 2				S4		100	80	
8		***SAND*** Light brown, fine to medium grained, trace silt, moist to wet. No odours or staining.		*S5		100	219	
10				S6		100	10.8	
12 / 4								
14								
16								
18								
20 / 6			90.795					
		END OF BOREHOLE						
22								
		* Soil sample submitted for laboratory analysis						
24		Vapour readings taken with a MiniRae Photoionization Detector						
26 / 8								
28								



Water level
= 2.885 mbgs

April 19, 2007

Drilled By: Strata Soil Sampling Inc.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: March 28, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: BH 7

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
ft m 0 0		Ground Surface	0.000					
		concrete	-0.150					
		sand and gravel fill Brown, medium to coarse grained, moist. No odours or staining.		*S1		100	0.3	No monitoring well installed
2		- Refusal @ 0.61 m.	-0.610					
		END OF BOREHOLE						

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: Sonic Soil Sampling

Drill Method: Pionjar

Drill Date: March 29, 2007

Hole Size: 4"

Datum: TBM = 100.00 m

Sheet: 1 of 1

Trow

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 7A

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	102.548					
		concrete		S1		100	79	
		sand and gravel fill Brown, medium to coarse grained, trace silt and clay, dry. Slight chemical odour from 0.61 m to 1.5 m.		S2		100	456	
2 / 1				*S3		100	900	
4 / 2				S4		100	850	
6 / 3				S5		100	570	
8 / 4				S6		100	650	
10 / 5				S7		100	400	
12 / 6				S8		100	200	
14 / 7								
16 / 8								
18 / 9								
20 / 10			91.878					
22 / 11		***END OF BOREHOLE***						
24 / 12		* Soil sample submitted for laboratory analysis						
26 / 13		Vapour readings taken with a MiniRae Photoionization Detector						
28 / 14								
30 / 15								
32 / 16								
34 / 17								
36 / 18								
38 / 19								
40 / 20								
42 / 21								
44 / 22								
46 / 23								
48 / 24								
50 / 25								
52 / 26								



Water level
= 8.875 mbgs
April 19, 2007

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 1, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 8

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
0 / 0		Ground Surface	102.548					
		concrete		S1		100	25	
		sand and gravel fill Brown, medium to coarse grained, trace silt and clay, dry. Slight chemical odour from 0.6 m to 1.5 m.		*S2		100	1000	
6 / 2				S3		100	850	
				S4		100	600	
				S5		100	438	
12 / 4				S6		100	300	
				S7		100	100	
				S8		100	100	
20 / 6								
			91.878					
26 / 8		***END OF BOREHOLE***						
32 / 10		* Soil sample submitted for laboratory analysis						Water level = 9.520 mbgs April 19, 2007
38 / 12		Vapour readings taken with a MiniRae Photoionization Detector						
46 / 14								

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 1, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 101

Project No.: KWEN00281221B

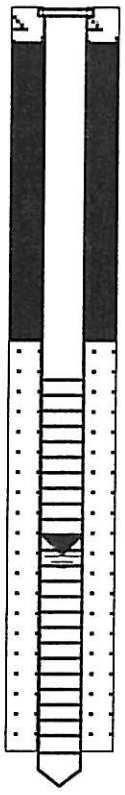
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	105.060					
0 / 0		***asphalt***						
2		***sand and gravel fill*** Brown, medium to coarse grained, damp. No odours or staining.	104.450	S1		100	0.0	
4				S2		100	0.0	
6 / 2		***sandy silt fill*** Brown, medium to coarse grained, traces of gravel, moist. No odours or staining. At 1.07 m, rootlets. At 1.22 m, trace clay. From 1.83 m to 2.13 m, trace to some clay, black staining and moist to dry.	102.930	S3		100	0.0	
8				S4		100	40.5	
10				*S5		100	120	
12		***SILTY SAND*** Light brown, fine to medium grained, trace gravel, moist. No odours or staining. At 2.44 m, brown, trace clay and damp. At 3.35 m, red/light brown, trace gravel, trace cobbles and moist. At 4.88 m, damp.		S6		100	26.2	
14 / 4				S7		100	18.8	
16				S8		100	20	
18			99.570	S9		100	64.8	
20 / 6		***SAND*** Light brown, fine to medium grained, trace silt and wet. No odours or staining.	98.960	S10		100	14	
22		***end of borehole***						
24								
26 / 8								
28								
30								



Water Level
= 4.490 mbgs
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 10, 2007

Sheet: 1 of 1

Trow

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 102

Project No.: KWEN00281221B

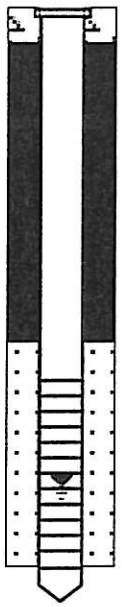
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	98.147					
0 / 0		***topsoil*** Dark brown, trace gravel, some rootlets and moist. No odours or staining.	97.537	* S1		100	44.6	
2		***SANDY SILT*** Light brown, fine to medium grained, trace clay, rootlets and gravel and moist to damp. No odours or staining.	96.777	S2		100	13.7	
4 / 2			96.017	S3		100	3.0	
6		***CLAYEY SAND*** Light brown, fine to medium grained, trace gravel and damp to moist.	95.097	S4		100	1.6	
8			94.637	S5		100	1.2	
10		***SAND*** Red/light brown, fine to medium grained, trace gravel and damp. Wet at 3.05 m.	93.577	S6		100	1.7	
12 / 4		***SILTY SAND*** Light brown, fine to medium grained and wet. No odours or staining.		S7		100	1.8	
14		***SAND*** Red/brown, fine to medium grained and wet. No odours or staining.						
16		***end of borehole***						
18								
20 / 6								
22								
24								
26 / 8								
28								
30								



Water Level
= 3.925 mbgs
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 10, 2007

Sheet: 1 of 1

Trow

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 103

Project No.: KWEN00281221B

Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	97.899					
0 / 0		***topsoil*** Dark brown, trace gravel, some rootlets and moist. No odours or staining.	97.289	* S1		100	0.0	
2				S2		100	0.0	
4		***sand and gravel fill*** Brown, medium to coarse grained, some sand, petroleum odours and black staining and moist. From 0.76 m to 0.91 m, medium to coarse grained sand and gravel fill. At 0.91 m, grey clay with sand and petroleum odours.	96.529	S3		100	0.0	
6 / 2				S4		100	0.0	
8				S5		100	0.1	
10				S6		100	1.4	
12 / 4		***SILT*** Light brown, fine to medium grained, with medium to coarse grained sand, trace rock fragments and moist. No odours or staining.	94.089	S7		100	0.0	
14			93.329	S8		100	0.0	
16		***SAND*** Brown, fine to medium grained, and dry. No odours or staining. At 1.83 m, moist, trace clay and black staining and petroleum odours. At 2.44 m, black staining and petroleum odours.		S9		100	0.0	
18				S10		100	0.0	
20 / 6			91.799					
22		***SILTY SAND*** Light brown, fine to medium grained, petroleum odours and wet. No staining. From 4.73 m to 5.18 m, fine sand. At 5.18 m, some sand.						
24								
26 / 8								
28								
30		***end of borehole***						
32 / 10								
34								
36								



Water Level
= 3.913 mbgs
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECH Drilling & Investigative Service Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 10, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 104

Project No.: KWEN00281221B

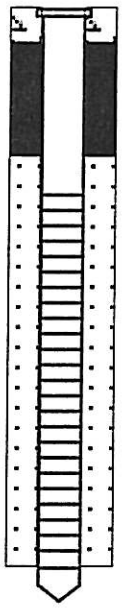
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	98.676					
0 / 0		***asphalt***	98.216	*S1		100	0.0	
2		***sand and gravel fill*** Brown, medium to coarse grained and dry. No odours or staining.		S2		100	0.0	
4		***sandy silt fill*** Brown, fine to medium grained, trace cobbles and gravel, black staining and petroleum odours and moist.	96.996	S3		100	0.0	
6 / 2		***CLAY*** Grey, fine to medium grained, some sand and wet. No odours or staining.		S4		100	0.0	
8				S5		100	0.0	
10			95.016	*S6		100	0.5	
12 / 4		***SANDY CLAY*** Brown, fine to medium grained, some grey clay and moist. No odours or staining. From 1.83 m to 1.98 m, dry. At 2.44 m, trace cobbles and gravel and moist. At 3.05 m, trace gravel and wet.	94.106	S7		100	0.0	
14								
16								
18								
20 / 6		***SAND*** Brown, fine to medium grained, black staining and dry.						
22		***end of borehole***						
24								
26 / 8								
28								
30								



Water Level
= Dry
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 10, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 105

Project No.: KWEN00281221B

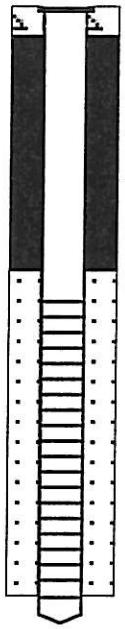
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	99.497					
0 / 0		***asphalt***	99.197	S1		100	0.0	
2		***sand and gravel fill*** Brown, medium to coarse grained and dry. No odours or staining.		S2		100	0.0	
4				S3		100	0.0	
6 / 2		***clayey sand fill*** Grey, fine to medium grained, trace gravel and cobbles, petroleum odours, black staining and moist.		S4		100	0.0	
8				S5		100	0.0	
10		At 0.91 m, mottled light brown and grey, trace cobbles and gravel.	96.147	S6		100	0.0	
12 / 4		At 3.05 m and 3.35 m, rock fragments.	95.837 95.537	S7		100	0.0	
14		***SILTY SAND*** Red/brown, fine to medium grained, trace gravel and moist. No odours or staining.	94.927	*S8		100	0.0	
16				S9		100	0.0	
18		***SAND*** Light brown, fine to medium grained, trace rock fragments and damp. No odours or staining.		S10		100	0.0	
20 / 6				S11		100	0.0	
22								
24		***SILTY SAND*** Light brown, fine to medium grained, trace gravel and moist. No odours or staining.		S12		100	0.0	
26 / 8		At 4.12 m, rock fragments.	91.877					
28		***SAND*** Light brown, fine to medium grained, trace silt and moist. No odours or staining.						
30								
32 / 10		At 5.49 m, dry.						
34		***end of borehole***						
36		* Soil sample submitted for laboratory analysis						
38 / 12		Vapour readings taken with a MiniRae Photoionization Detector						



Water Level
= Dry
April 19, 2007

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 11, 2007

Sheet: 1 of 1

Trow

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 106

Project No.: KWEN00281221B

Project: Limited Phase II ESA

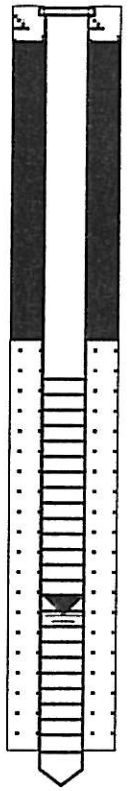
Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	98.900					
		asphalt	98.290	S1		100	0.0	
		sand and gravel fill Light brown, medium to coarse grained and moist. No odours or staining.	97.680	*S2		100	0.0	
		silty sand fill Light brown, fine to medium grained, some gravel and moist. No odours or staining. At 1.37 m, rock fragments.		S3		100	0.0	
				S4		100	0.0	
				S5		100	0.0	
		SAND Light brown, fine to medium grained, trace gravel and moist. No odours or staining. At 3.05 m, dry to moist. At 3.66 m, some gravel.	95.090	S6		100	0.0	
				S7		100	0.0	
		SILTY SAND Brown, fine to medium grained, trace gravel, trace clay and moist. No odours or staining.	94.020	S8		100	0.0	
				S9		100	0.0	
		SAND Light brown, fine to medium grained, trace silt and damp to wet. No odours or staining.	92.800	*S10		100	0.0	
		end of borehole						

0 ft / 0 m; 2 ft; 4 ft; 6 ft / 2 m; 8 ft; 10 ft; 12 ft / 4 m; 14 ft; 16 ft; 18 ft; 20 ft / 6 m; 22 ft; 24 ft; 26 ft / 8 m; 28 ft; 30 ft



Water Level
= 4.985 mbgs
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECH Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 11, 2007

Sheet: 1 of 1

Trow Associates Inc.
85 Edwin Street
Kitchener, Ontario

Log of Borehole: MW 107

Project No.: KWEN00281221B

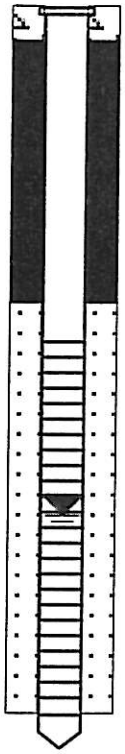
Project: Limited Phase II ESA

Client: Kraus Carpet Mills Ltd.

Location: 65 Northfield Drive West, Waterloo, ON

Project Manager: JS

SUBSURFACE PROFILE				SAMPLE				
Depth (ft / m)	Symbol	Description	Depth/Elev.	Number	Type	Recovery (%)	Vapour (ppm)	Well Completion Details
		Ground Surface	0.000					
		asphalt	-0.300	S1		100	0.0	
		sand and gravel fill Light brown, medium to coarse grained and moist. No odours or staining.	-0.610					
			-1.220	S2		100	0.0	
		sand fill Red/brown, fine to medium grained, trace gravel, petroleum odour and wet. No staining.		S3		100	0.0	
				S4		100	0.0	
				S5		100	0.0	
		silty sand fill Grey, fine to medium grained, trace gravel and moist. No odours of staining. At 1.07 m, rock fragments.	-3.350	S6		100	0.0	
				S7		100	0.0	
		SILTY SAND Red/brown, fine to medium grained, trace gravel and moist. No odours or staining. At 1.83 m, trace clay.		S8		100	0.0	
				*S9		100	0.5	
		SAND Red/brown, fine to medium grained, trace silt and moist. At 4.12 m, black staining. At 4.88 m, wet.	-6.100	S10		100	0.0	
		end of borehole						



Water Level
= 4.171 mbgs
April 19, 2007

* Soil sample submitted for laboratory analysis

Vapour readings taken with a MiniRae Photoionization Detector

Drilled By: ALTECT Drilling & Investigative Services Ltd.

Hole Size: 4"

Drill Method: Geoprobe

Datum: TBM = 100.00 m

Drill Date: April 11, 2007

Sheet: 1 of 1

Appendix C:
Grain Size Analysis

Trow Associates Inc.
1595 Clark Boulevard, Brampton
Ontario, Canada, L6T 4V1
Telephone: (905) 793-9800
Fax: (905) 793-0641

Grain Size Analysis & Hydrometer

ST08

Sample Test No.: 97801-1 **Report No.:** 1 **Date Reported:** 04/05/07

Project No.: kwen00281221b
Project Name: 65 Northfield Drive West, Waterloo, ON - Additional Environmental Investiga

Grain Size Proportion (%)

Gravel (> 4.75mm):	4.2
Sand (> 75µm, < 4.75mm):	26.8
Silt (> 2µm), < 75µm):	59.0
Clay (< 2µm):	10.1

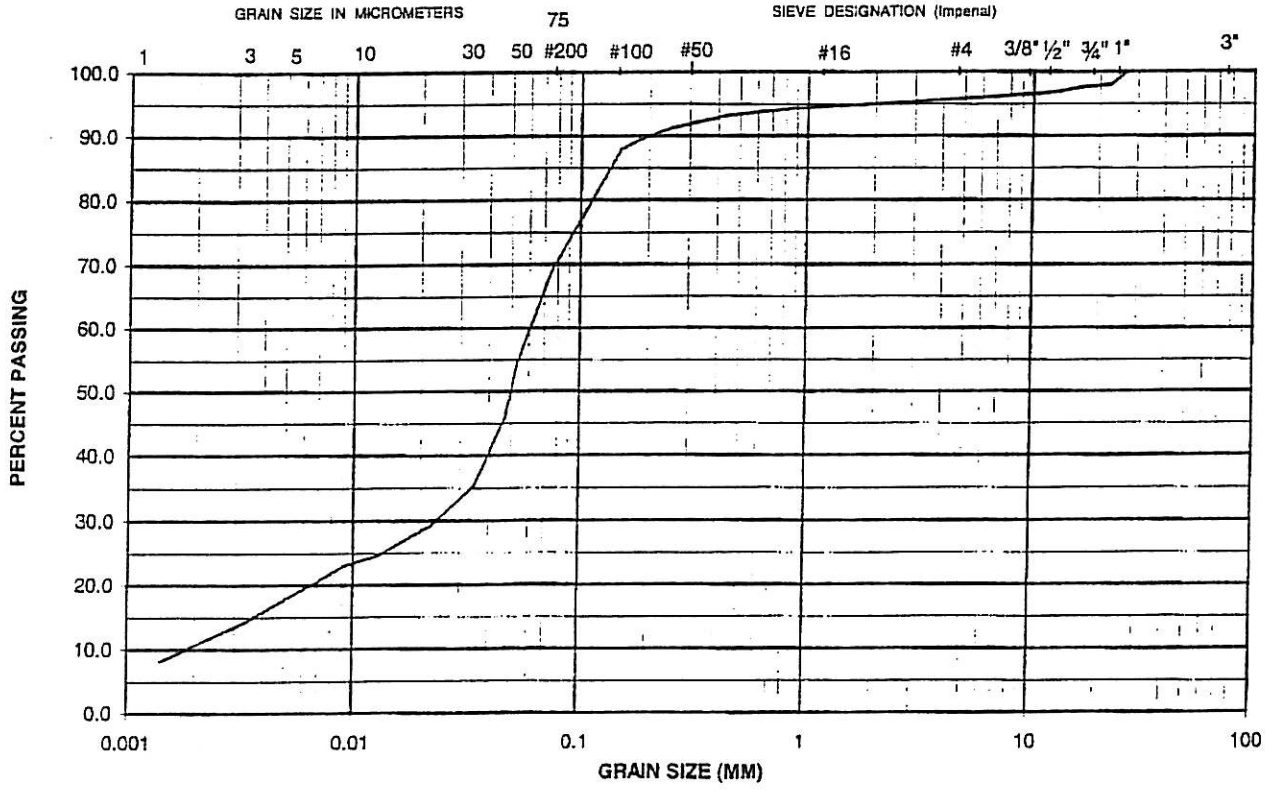
Sample Information

Borehole No.: BH 5
Sample Method: SS
Sample No.: composite
Depth:
Sample Description: Sandy Silt,some Clay; trace Gravel; Grey
Sampled By: Trow-Kitchener
Sampling Date: 03/28/2007
Client Sample ID:
Comments:

Grain Size (mm)	% Passing	Grain Size (mm)	% Passing
26.5	100.0	0.0223	29.3
22.4	98.1	0.0131	24.8
16	97.6	0.0093	23.2
13.2	97.0	0.0066	20.2
9.5	96.5	0.0033	14.2
6.7	96.2	0.0014	8.2
4.75	95.8		
2	95.0		
0.85	94.4		
0.425	93.2		
0.25	91.3		
0.18	89.4		
0.15	87.9		
0.075	69.1		
0.053	54.5		
0.047	45.9		
0.0345	35.3		

UNIFIED SOIL CLASSIFICATION SYSTEM

CLAY AND SILT	SAND			GRAVEL	
	Fine	Medium	Coarse	Fine	Coarse



Project PM: Jason Slidders (kit) **Approved By:** Willie Rodych **Date Approved:** 04/05/07

Appendix D: Certificates of Analysis – Soil and Groundwater

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

TROW CONSULTING ENGINEERS
ATTN: JASON SLIDDERS
85 EDWIN STREET
KITCHENER ON N2H 4N7

Reported On: 05-APR-07 01:11 PM

Lab Work Order #: L491328 **Date Received:** 29-MAR-07

Project P.O. #:
Job Reference: KWEN00281221B
Legal Site Desc:
CofC Numbers: A093398

Other Information:

Comments:

APPROVED BY: Wayne Smith

WAYNE SMITH, C.CHEM., C.E.T.
Project Manager

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

Sample Details/Parameters	Result	Qualifier	DL	Units	Criteria Specific Limits AGRICULTURAL OR OTHER	Criteria Specific Limits ALL OTHER	Analyzed	Batch
L491328-1 MW1/S2 2'-4'								
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
pH	8.82		0.01	pH units			30-MAR-07	R508173
L491328-2 MW1/S5 8'-10'								
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
pH	8.52		0.01	pH units			30-MAR-07	R508173
L491328-3 MW1/S8 14'-16'								
Sample Date: 28-MAR-07								
Matrix: SOIL								
BTEX, F1-F4 (O.Reg.153/04)								
BTEX to meet Table 1(O.Reg.153/04)								
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
m+p-Xylenes	<0.001		0.001	mg/kg			02-APR-07	R508570
o-Xylene	<0.001		0.001	mg/kg			02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Xylene, (total)	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F1-BTEX	<5.0		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	78		60-120	%			02-APR-07	R508897
Individual Analytes								
% Moisture	13.4		0.5	%			30-MAR-07	R508395
L491328-4 DUPLICATE A								
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
pH	8.82		0.01	pH units			02-APR-07	R508173

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
					AGRICULTURAL OR OTHER	ALL OTHER		
L491328-5 BH2/52 2'-4'								
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
Standard Metal Scan (ICP)								
Antimony (Sb)	2		1	mg/kg	** 1	** 1	02-APR-07	R508830
Arsenic (As)	3		1	mg/kg	14	17	02-APR-07	R508830
Barium (Ba)	63		1	mg/kg	190	210	02-APR-07	R508830
Beryllium (Be)	0.6		0.5	mg/kg	1.2	1.2	02-APR-07	R508830
Cadmium (Cd)	<1		1	mg/kg	1.0	1.0	02-APR-07	R508830
Chromium (Cr)	23		1	mg/kg	67	71	02-APR-07	R508830
Cobalt (Co)	8		1	mg/kg	19	21	02-APR-07	R508830
Copper (Cu)	12		1	mg/kg	56	85	02-APR-07	R508830
Lead (Pb)	9		1	mg/kg	55	120	02-APR-07	R508830
Molybdenum (Mo)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Nickel (Ni)	16		1	mg/kg	43	43	02-APR-07	R508830
Selenium (Se)	<1		1	mg/kg	1.4	1.9	02-APR-07	R508830
Silver (Ag)	<0.2		0.2	mg/kg	0.35	0.42	02-APR-07	R508830
Thallium (Tl)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Vanadium (V)	34		1	mg/kg	91	91	02-APR-07	R508830
Zinc (Zn)	46		1	mg/kg	150	160	02-APR-07	R508830
L491328-6 BH2 18'-20'								
Sample Date: 28-MAR-07								
Matrix: SOIL								
VOC, F1-F4 (O.Reg.153/04)								
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	86		60-120	%			02-APR-07	R508897
Volatile Organics (153/04) Table 1								
1,1,1,2-Tetrachloroethane	<0.01		0.01	mg/kg			02-APR-07	R508570
1,1,2,2-Tetrachloroethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,1,1-Trichloroethane	<0.008		0.008	mg/kg	0.009	0.009	02-APR-07	R508570
1,1,2-Trichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dibromoethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,2-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloropropane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,3-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units		Criteria Specific Limits AGRICULTURAL OR OTHER		ALL OTHER	Analyzed	Batch
L491328-6 BH2 18'-20'										
Sample Date: 28-MAR-07										
Matrix: SOIL										
VOC, F1-F4 (O.Reg.153/04)										
Volatile Organics (153/04) Table 1										
1,4-Dichlorobenzene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
2-Chloroethylvinyl Ether	<0.03		0.03	mg/kg					02-APR-07	R508570
2-Hexanone	<0.2		0.2	mg/kg					02-APR-07	R508570
Acetone	<0.5		0.5	mg/kg					02-APR-07	R508570
Benzene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Bromodichloromethane	<0.005		0.005	mg/kg					02-APR-07	R508570
Bromoform	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Bromomethane	<0.003		0.003	mg/kg		0.003		0.003	02-APR-07	R508570
Carbon Disulfide	<0.02		0.02	mg/kg					02-APR-07	R508570
Carbon tetrachloride	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Chlorobenzene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Chloroethane	<0.03		0.03	mg/kg					02-APR-07	R508570
Chloroform	<0.006		0.006	mg/kg		0.006		0.006	02-APR-07	R508570
Chloromethane	<0.03		0.03	mg/kg					02-APR-07	R508570
cis-1,2-Dichloroethylene	<0.02		0.02	mg/kg					02-APR-07	R508570
cis-1,3-Dichloropropene	<0.003		0.003	mg/kg		0.003		0.003	02-APR-07	R508570
Dibromochloromethane	<0.003		0.003	mg/kg		0.003		0.003	02-APR-07	R508570
Dichlorodifluoromethane	<0.03		0.03	mg/kg					02-APR-07	R508570
Dichloromethane	0.003		0.003	mg/kg	**	0.003	**	0.003	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
MTBE	<0.2		0.2	mg/kg					02-APR-07	R508570
m+p-Xylenes	<0.002		0.002	mg/kg					02-APR-07	R508570
Methyl Ethyl Ketone	<0.2		0.2	mg/kg					02-APR-07	R508570
Methyl Isobutyl Ketone	<0.2		0.2	mg/kg					02-APR-07	R508570
o-Xylene	<0.002		0.002	mg/kg					02-APR-07	R508570
Styrene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Tetrachloroethylene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg		0.002		0.002	02-APR-07	R508570
trans-1,2-Dichloroethylene	<0.002		0.002	mg/kg		0.003		0.003	02-APR-07	R508570
trans-1,3-Dichloropropene	<0.003		0.003	mg/kg		0.003		0.003	02-APR-07	R508570
Trichloroethylene	<0.004		0.004	mg/kg		0.004		0.004	02-APR-07	R508570
Trichlorofluoromethane	<0.03		0.03	mg/kg					02-APR-07	R508570
Vinyl chloride	<0.003		0.003	mg/kg		0.003		0.003	02-APR-07	R508570
Surr: 1,2-Dichloroethane d4	113		25-175	%					02-APR-07	R508570
Surr: Toluene-d8	93		25-175	%					02-APR-07	R508570
Surr: 4-Bromofluorobenzene	111		25-175	%					02-APR-07	R508570
Individual Analytes										
% Moisture	8.9		0.5	%					30-MAR-07	R508395
PCBs										
Aroclor 1242	<0.01		0.01	mg/kg					04-APR-07	R509565
Aroclor 1248	<0.01		0.01	mg/kg					04-APR-07	R509565
Aroclor 1254	<0.01		0.01	mg/kg					04-APR-07	R509565
Aroclor 1260	<0.01		0.01	mg/kg					04-APR-07	R509565
Total PCBs	<0.04		0.04	mg/kg		0.3		0.3	04-APR-07	R509565
Surr: d14-Terphenyl	130		25-175	%					04-APR-07	R509565

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-7 MW3/S1 0-2'								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
Standard Metal Scan (ICP)								
Antimony (Sb)	<1		1	mg/kg	1	1	02-APR-07	R508830
Arsenic (As)	<1		1	mg/kg	14	17	02-APR-07	R508830
Barium (Ba)	8		1	mg/kg	190	210	02-APR-07	R508830
Beryllium (Be)	<0.5		0.5	mg/kg	1.2	1.2	02-APR-07	R508830
Cadmium (Cd)	<1		1	mg/kg	1.0	1.0	02-APR-07	R508830
Chromium (Cr)	5		1	mg/kg	67	71	02-APR-07	R508830
Cobalt (Co)	2		1	mg/kg	19	21	02-APR-07	R508830
Copper (Cu)	4		1	mg/kg	56	85	02-APR-07	R508830
Lead (Pb)	3		1	mg/kg	55	120	02-APR-07	R508830
Molybdenum (Mo)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Nickel (Ni)	3		1	mg/kg	43	43	02-APR-07	R508830
Selenium (Se)	<1		1	mg/kg	1.4	1.9	02-APR-07	R508830
Silver (Ag)	<0.2		0.2	mg/kg	0.35	0.42	02-APR-07	R508830
Thallium (Tl)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Vanadium (V)	8		1	mg/kg	91	91	02-APR-07	R508830
Zinc (Zn)	13		1	mg/kg	150	160	02-APR-07	R508830
L491328-8 MW3-S7 12'-14'								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
BTEX, F1-F4 (O.Reg.153/04)								
BTEX to meet Table 1(O.Reg.153/04)								
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
m+p-Xylenes	<0.001		0.001	mg/kg			02-APR-07	R508570
o-Xylene	<0.001		0.001	mg/kg			02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Xylene, (total)	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F1-BTEX	<5.0		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	90		60-120	%			02-APR-07	R508897
Individual Analytes								
% Moisture	19.6		0.5	%			30-MAR-07	R508395

" analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.F.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-9 DUPLICATE B								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
Standard Metal Scan (ICP)								
Antimony (Sb)	<1		1	mg/kg	1	1	02-APR-07	R508830
Arsenic (As)	2		1	mg/kg	14	17	02-APR-07	R508830
Barium (Ba)	7		1	mg/kg	190	210	02-APR-07	R508830
Beryllium (Be)	<0.5		0.5	mg/kg	1.2	1.2	02-APR-07	R508830
Cadmium (Cd)	<1		1	mg/kg	1.0	1.0	02-APR-07	R508830
Chromium (Cr)	4		1	mg/kg	67	71	02-APR-07	R508830
Cobalt (Co)	1		1	mg/kg	19	21	02-APR-07	R508830
Copper (Cu)	5		1	mg/kg	56	85	02-APR-07	R508830
Lead (Pb)	9		1	mg/kg	55	120	02-APR-07	R508830
Molybdenum (Mo)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Nickel (Ni)	3		1	mg/kg	43	43	02-APR-07	R508830
Selenium (Se)	<1		1	mg/kg	1.4	1.9	02-APR-07	R508830
Silver (Ag)	<0.2		0.2	mg/kg	0.35	0.42	02-APR-07	R508830
Thallium (Tl)	<1		1	mg/kg	2.5	2.5	02-APR-07	R508830
Vanadium (V)	4		1	mg/kg	91	91	02-APR-07	R508830
Zinc (Zn)	34		1	mg/kg	150	160	02-APR-07	R508830
L491328-10 BH4/S7 12'-14'								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
BTEX, F1-F4 (O.Reg.153/04)								
BTEX to meet Table 1(O.Reg.153/04)								
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
m+p-Xylenes	<0.001		0.001	mg/kg			02-APR-07	R508570
o-Xylene	<0.001		0.001	mg/kg			02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Xylene, (total)	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F1-BTEX	<5.0		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	78		60-120	%			02-APR-07	R508897
Individual Analytes								
% Moisture	18.3		0.5	%			30-MAR-07	R508395

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-11 BH5/S7					AGRICULTURAL OR OTHER	ALL OTHER		
Sample Date: 28-MAR-07								
Matrix: SOIL								
BTEX, F1-F4 (O.Reg.153/04)								
BTEX to meet Table 1(O.Reg.153/04)								
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
m+p-Xylenes	<0.001		0.001	mg/kg			02-APR-07	R508570
o-Xylene	<0.001		0.001	mg/kg			02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Xylene. (total)	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F1-BTEX	<5.0		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	87		60-120	%			02-APR-07	R508897
Individual Analytes								
% Moisture	17.4		0.5	%			30-MAR-07	R508395
L491328-12 MW6/S5 8'-10'					AGRICULTURAL OR OTHER	ALL OTHER		
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
% Moisture	14.6		0.5	%			30-MAR-07	R508395
Volatile Organics (153/04) Table 1								
1,1,1,2-Tetrachloroethane	<0.01		0.01	mg/kg			02-APR-07	R508570
1,1,2,2-Tetrachloroethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,1,1-Trichloroethane	<0.008		0.008	mg/kg	0.009	0.009	02-APR-07	R508570
1,1,2-Trichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dibromoethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,2-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloropropane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,3-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,4-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
2-Chloroethylvinyl Ether	<0.03		0.03	mg/kg			02-APR-07	R508570
2-Hexanone	<0.2		0.2	mg/kg			02-APR-07	R508570
Acetone	<0.5		0.5	mg/kg			02-APR-07	R508570
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromodichloromethane	<0.005		0.005	mg/kg			02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-12 MW6/S5 8'-10'								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
Volatile Organics (153/04) Table 1								
Bromoform	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromomethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Carbon Disulfide	<0.02		0.02	mg/kg			02-APR-07	R508570
Carbon tetrachloride	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chloroethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Chloroform	<0.006		0.006	mg/kg	0.006	0.006	02-APR-07	R508570
Chloromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
cis-1,2-Dichloroethylene	<0.02		0.02	mg/kg			02-APR-07	R508570
cis-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dibromochloromethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dichlorodifluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Dichloromethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
MTBE	<0.2		0.2	mg/kg			02-APR-07	R508570
m+p-Xylenes	<0.002		0.002	mg/kg			02-APR-07	R508570
Methyl Ethyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
Methyl Isobutyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
o-Xylene	<0.002		0.002	mg/kg			02-APR-07	R508570
Styrene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Tetrachloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
trans-1,2-Dichloroethylene	<0.002		0.002	mg/kg	0.003	0.003	02-APR-07	R508570
trans-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Trichloroethylene	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
Trichlorofluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Vinyl chloride	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Surr: 1,2-Dichloroethane d4	122		25-175	%			02-APR-07	R508570
Surr: Toluene-d8	89		25-175	%			02-APR-07	R508570
Surr: 4-Bromofluorobenzene	109		25-175	%			02-APR-07	R508570
L491328-13 BH7/S1 0'-2'								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
% Moisture	3.6		0.5	%			30-MAR-07	R508395
Volatile Organics (153/04) Table 1								
1,1,1,2-Tetrachloroethane	<0.01		0.01	mg/kg			02-APR-07	R508570
1,1,2,2-Tetrachloroethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,1,1-Trichloroethane	<0.008		0.008	mg/kg	0.009	0.009	02-APR-07	R508570
1,1,2-Trichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dibromoethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,2-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units		Criteria Specific Limits		Analyzed	Batch
						AGRICULTURAL OR OTHER	ALL OTHER		
L491328-13 BH7/S1 0'-2'									
Sample Date: 28-MAR-07									
Matrix: SOIL									
Individual Analytes									
Volatile Organics (153/04) Table 1									
1,2-Dichloropropane	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
1,3-Dichlorobenzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
1,4-Dichlorobenzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
2-Chloroethylvinyl Ether	<0.03		0.03	mg/kg				02-APR-07	R508570
2-Hexanone	<0.2		0.2	mg/kg				02-APR-07	R508570
Acetone	<0.5		0.5	mg/kg				02-APR-07	R508570
Benzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Bromodichloromethane	<0.005		0.005	mg/kg				02-APR-07	R508570
Bromoform	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Bromomethane	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Carbon Disulfide	<0.02		0.02	mg/kg				02-APR-07	R508570
Carbon tetrachloride	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Chlorobenzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Chloroethane	<0.03		0.03	mg/kg				02-APR-07	R508570
Chloroform	<0.006		0.006	mg/kg		0.006	0.006	02-APR-07	R508570
Chloromethane	<0.03		0.03	mg/kg				02-APR-07	R508570
cis-1,2-Dichloroethylene	<0.02		0.02	mg/kg				02-APR-07	R508570
cis-1,3-Dichloropropene	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Dibromochloromethane	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Dichlorodifluoromethane	<0.03		0.03	mg/kg				02-APR-07	R508570
Dichloromethane	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
MTBE	<0.2		0.2	mg/kg				02-APR-07	R508570
m+p-Xylenes	<0.002		0.002	mg/kg				02-APR-07	R508570
Methyl Ethyl Ketone	<0.2		0.2	mg/kg				02-APR-07	R508570
Methyl Isobutyl Ketone	<0.2		0.2	mg/kg				02-APR-07	R508570
o-Xylene	<0.002		0.002	mg/kg				02-APR-07	R508570
Styrene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Tetrachloroethylene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Toluene	0.005		0.002	mg/kg	**	0.002	0.002 **	02-APR-07	R508570
trans-1,2-Dichloroethylene	<0.002		0.002	mg/kg		0.003	0.003	02-APR-07	R508570
trans-1,3-Dichloropropene	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Trichloroethylene	<0.004		0.004	mg/kg		0.004	0.004	02-APR-07	R508570
Trichlorofluoromethane	<0.03		0.03	mg/kg				02-APR-07	R508570
Vinyl chloride	<0.003		0.003	mg/kg		0.003	0.003	02-APR-07	R508570
Surr: 1,2-Dichloroethane d4	103		25-175	%				02-APR-07	R508570
Surr: Toluene-d8	97		25-175	%				02-APR-07	R508570
Surr: 4-Bromofluorobenzene	109		25-175	%				02-APR-07	R508570
L491328-14 DUPLICATE C									
Sample Date: 28-MAR-07									
Matrix: SOIL						AGRICULTURAL OR OTHER	ALL OTHER		
BTEX, F1-F4 (O.Reg.153/04)									
BTEX to meet Table 1(O.Reg.153/04)									
Benzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg		0.002	0.002	02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.F.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-14 DUPLICATE C								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
BTEX, F1-F4 (O.Reg.153/04)								
BTEX to meet Table 1(O.Reg.153/04)								
m+p-Xylenes	<0.001		0.001	mg/kg			02-APR-07	R508570
o-Xylene	<0.001		0.001	mg/kg			02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Xylene, (total)	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg			02-APR-07	
F1-BTEX	<5.0		5	mg/kg			02-APR-07	
F2 (C10-C16)	<10		10	mg/kg			02-APR-07	
F3 (C16-C34)	<50		50	mg/kg			02-APR-07	
F4 (C34-C50)	<50		50	mg/kg			02-APR-07	
Total Hydrocarbons (C6-C50)	<50		50	mg/kg			02-APR-07	
Chromatogram to baseline at nC50	YES			No Unit			02-APR-07	
Prep/Analysis Dates				No Unit			31-MAR-07	R508504
F2-F4 (O.Reg.153/04)								
Prep/Analysis Dates				No Unit			02-APR-07	R508897
Surr: Octacosane	86		60-120	%			02-APR-07	R508897
Individual Analytes								
% Moisture	17.3		0.5	%			30-MAR-07	R508395
L491328-15 DUPLICATE D								
Sample Date: 28-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
% Moisture	3.7		0.5	%			30-MAR-07	R508395
Volatile Organics (153/04) Table 1								
1,1,1,2-Tetrachloroethane	<0.01		0.01	mg/kg			02-APR-07	R508570
1,1,2,2-Tetrachloroethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,1,1-Trichloroethane	<0.008		0.008	mg/kg	0.009	0.009	02-APR-07	R508570
1,1,2-Trichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dibromoethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,2-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloropropane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,3-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,4-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
2-Chloroethylvinyl Ether	<0.03		0.03	mg/kg			02-APR-07	R508570
2-Hexanone	<0.2		0.2	mg/kg			02-APR-07	R508570
Acetone	<0.5		0.5	mg/kg			02-APR-07	R508570
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromodichloromethane	<0.005		0.005	mg/kg			02-APR-07	R508570
Bromoform	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromomethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-15 DUPLICATE D					AGRICULTURAL OR OTHER	ALL OTHER		
Sample Date: 28-MAR-07								
Matrix: SOIL								
Individual Analytes								
Volatile Organics (153/04) Table 1								
Carbon Disulfide	<0.02		0.02	mg/kg			02-APR-07	R508570
Carbon tetrachloride	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chloroethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Chloroform	<0.006		0.006	mg/kg	0.006	0.006	02-APR-07	R508570
Chloromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
cis-1,2-Dichloroethylene	<0.02		0.02	mg/kg			02-APR-07	R508570
cis-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dibromochloromethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dichlorodifluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Dichloromethane	0.003		0.003	mg/kg	** 0.003	** 0.003	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
MTBE	<0.2		0.2	mg/kg			02-APR-07	R508570
m+p-Xylenes	<0.002		0.002	mg/kg			02-APR-07	R508570
Methyl Ethyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
Methyl Isobutyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
o-Xylene	<0.002		0.002	mg/kg			02-APR-07	R508570
Styrene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Tetrachloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Toluene	0.004		0.002	mg/kg	** 0.002	** 0.002	02-APR-07	R508570
trans-1,2-Dichloroethylene	<0.002		0.002	mg/kg	0.003	0.003	02-APR-07	R508570
trans-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Trichloroethylene	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
Trichlorofluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Vinyl chloride	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Surr: 1,2-Dichloroethane d4	96		25-175	%			02-APR-07	R508570
Surr: Toluene-d8	89		25-175	%			02-APR-07	R508570
Surr: 4-Bromofluorobenzene	110		25-175	%			02-APR-07	R508570
L491328-16 SEDIMENT 1					AGRICULTURAL OR OTHER	ALL OTHER		
Sample Date: 29-MAR-07								
Matrix: SOIL								
Individual Analytes								
% Moisture	16.9		0.5	%			30-MAR-07	R508395
Volatile Organics (153/04) Table 1								
1,1,1,2-Tetrachloroethane	<0.01		0.01	mg/kg			02-APR-07	R508570
1,1,2,2-Tetrachloroethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,1,1-Trichloroethane	<0.008		0.008	mg/kg	0.009	0.009	02-APR-07	R508570
1,1,2-Trichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,1-Dichloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dibromoethane	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
1,2-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloroethane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,2-Dichloropropane	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
1,3-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits		Analyzed	Batch
L491328-16 SEDIMENT 1								
Sample Date: 29-MAR-07								
Matrix: SOIL					AGRICULTURAL OR OTHER	ALL OTHER		
Individual Analytes								
Volatile Organics (153/04) Table 1								
1,4-Dichlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
2-Chloroethylvinyl Ether	<0.03		0.03	mg/kg			02-APR-07	R508570
2-Hexanone	<0.2		0.2	mg/kg			02-APR-07	R508570
Acetone	<0.5		0.5	mg/kg			02-APR-07	R508570
Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromodichloromethane	<0.005		0.005	mg/kg			02-APR-07	R508570
Bromoform	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Bromomethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Carbon Disulfide	<0.02		0.02	mg/kg			02-APR-07	R508570
Carbon tetrachloride	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chlorobenzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Chloroethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Chloroform	<0.006		0.006	mg/kg	0.006	0.006	02-APR-07	R508570
Chloromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
cis-1,2-Dichloroethylene	<0.02		0.02	mg/kg			02-APR-07	R508570
cis-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dibromochloromethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Dichlorodifluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Dichloromethane	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Ethyl Benzene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
MTBE	<0.2		0.2	mg/kg			02-APR-07	R508570
m+p-Xylenes	<0.002		0.002	mg/kg			02-APR-07	R508570
Methyl Ethyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
Methyl Isobutyl Ketone	<0.2		0.2	mg/kg			02-APR-07	R508570
o-Xylene	<0.002		0.002	mg/kg			02-APR-07	R508570
Styrene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Tetrachloroethylene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
Toluene	<0.002		0.002	mg/kg	0.002	0.002	02-APR-07	R508570
trans-1,2-Dichloroethylene	<0.002		0.002	mg/kg	0.003	0.003	02-APR-07	R508570
trans-1,3-Dichloropropene	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Trichloroethylene	<0.004		0.004	mg/kg	0.004	0.004	02-APR-07	R508570
Trichlorofluoromethane	<0.03		0.03	mg/kg			02-APR-07	R508570
Vinyl chloride	<0.003		0.003	mg/kg	0.003	0.003	02-APR-07	R508570
Surr: 1,2-Dichloroethane d4	81		25-175	%			02-APR-07	R508570
Surr: Toluene-d8	93		25-175	%			02-APR-07	R508570
Surr: 4-Bromofluorobenzene	109		25-175	%			02-APR-07	R508570
L491328-17 MW1								
Sample Date: 29-MAR-07								
Matrix: WATER					GROUNDWATER, ALL PROPERTIES			
VOC, F1-F4 (O.Reg.153/04)								
BTEX (O.Reg.153/04)								
Benzene	<0.50		0.5	ug/L	5		31-MAR-07	R508354
Ethyl Benzene	<0.50		0.5	ug/L	2.4		31-MAR-07	R508354
m+p-Xylenes	<1.0		1	ug/L			31-MAR-07	R508354
o-Xylene	<0.50		0.5	ug/L			31-MAR-07	R508354

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits	Analyzed	Batch
L491328-17 MW1							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
VOC, F1-F4 (O.Reg.153/04)							
BTEX (O.Reg.153/04)							
Toluene	<0.50		0.5	ug/L	0.8	31-MAR-07	R508354
Xylene, (total)	<1.5		1.5	ug/L	72	31-MAR-07	R508354
CCME Total Hydrocarbons							
F1 (C6-C10)	<100		100	ug/L		03-APR-07	
F1-BTEX	<100		100	ug/L		03-APR-07	
F2 (C10-C16)	<100		100	ug/L		03-APR-07	
F3 (C16-C34)	<250		250	ug/L		03-APR-07	
F4 (C34-C50)	<250		250	ug/L		03-APR-07	
Total Hydrocarbons (C6-C50)	<250		250	ug/L		03-APR-07	
Chromatogram to baseline at nC50	YES			No Unit		03-APR-07	
Analysis Date				No Unit		31-MAR-07	R508355
F2-F4 (O.Reg.153/04)							
Prep/Analysis Dates				No Unit		03-APR-07	R509256
Surr: Octacosane	75		49-120	%		03-APR-07	R509256
VOC EXCLUDING BTX							
1,1,1,2-Tetrachloroethane	<0.5		0.5	ug/L	5	31-MAR-07	R508881
1,1,2,2-Tetrachloroethane	<0.5		0.5	ug/L	1	31-MAR-07	R508881
1,1,1-Trichloroethane	<0.5		0.5	ug/L	10	31-MAR-07	R508881
1,1,2-Trichloroethane	<0.5		0.5	ug/L	5	31-MAR-07	R508881
1,2-Dibromoethane	<0.5		0.5	ug/L	1	31-MAR-07	R508881
1,1-Dichloroethane	<0.5		0.5	ug/L	70	31-MAR-07	R508881
1,1-Dichloroethylene	<0.5		0.5	ug/L	0.66	31-MAR-07	R508881
1,2-Dichlorobenzene	<0.5		0.5	ug/L	2.5	31-MAR-07	R508881
1,2-Dichloroethane	<0.5		0.5	ug/L	5	31-MAR-07	R508881
1,2-Dichloropropane	<0.5		0.5	ug/L	0.7	31-MAR-07	R508881
1,3-Dichlorobenzene	<0.5		0.5	ug/L	2.5	31-MAR-07	R508881
1,4-Dichlorobenzene	<0.5		0.5	ug/L	1	31-MAR-07	R508881
2-Hexanone	<20		20	ug/L		31-MAR-07	R508881
Acetone	<20		20	ug/L		31-MAR-07	R508881
Bromodichloromethane	<0.5		0.5	ug/L	5	31-MAR-07	R508881
Bromoform	<0.5		0.5	ug/L	5	31-MAR-07	R508881
Bromomethane	<0.5		0.5	ug/L	0.9	31-MAR-07	R508881
Carbon Disulfide	<0.5		0.5	ug/L		31-MAR-07	R508881
Carbon tetrachloride	<0.5		0.5	ug/L	0.5	31-MAR-07	R508881
Chlorobenzene	<0.5		0.5	ug/L	15	31-MAR-07	R508881
Chloroethane	<1		1	ug/L		31-MAR-07	R508881
Chloroform	<0.5		0.5	ug/L	0.5	31-MAR-07	R508881
Chloromethane	<1		1	ug/L		31-MAR-07	R508881
cis-1,2-Dichloroethylene	<0.5		0.5	ug/L	70	31-MAR-07	R508881
cis-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	31-MAR-07	R508881
Dibromochloromethane	<0.5		0.5	ug/L	0.5	31-MAR-07	R508881
Dichlorodifluoromethane	<1		1	ug/L		31-MAR-07	R508881
Dichloromethane	<0.5		0.5	ug/L	50	31-MAR-07	R508881
Methyl Ethyl Ketone	<20		20	ug/L	350	31-MAR-07	R508881
Methyl Isobutyl Ketone	<20		20	ug/L		31-MAR-07	R508881
MTBE	<0.5		0.5	ug/L	200	31-MAR-07	R508881

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits	Analyzed	Batch
L491328-17 MW1							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
VOC, F1-F4 (O.Reg.153/04)							
VOC EXCLUDING BTX							
Styrene	<0.5		0.5	ug/L	4	31-MAR-07	R508881
Tetrachloroethylene	<0.5		0.5	ug/L	5	31-MAR-07	R508881
trans-1,2-Dichloroethylene	<0.5		0.5	ug/L	100	31-MAR-07	R508881
trans-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	31-MAR-07	R508881
Trichloroethylene	<0.5		0.5	ug/L	20	31-MAR-07	R508881
Trichlorofluoromethane	<1		1	ug/L		31-MAR-07	R508881
Trihalomethanes (total)	<2.0		2	ug/L		31-MAR-07	R508881
Vinyl chloride	<0.5		0.5	ug/L	0.5	31-MAR-07	R508881
Surr: 1,2-Dichloroethane d4	101		51-150	%		31-MAR-07	R508881
Surr: Toluene-d8	99		72-123	%		31-MAR-07	R508881
Surr: 4-Bromofluorobenzene	101		50-150	%		31-MAR-07	R508881
L491328-18 MW3							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
VOC, F1-F4 (O.Reg.153/04)							
BTEX (O.Reg.153/04)							
Benzene	<0.50		0.5	ug/L	5	31-MAR-07	R508354
Ethyl Benzene	<0.50		0.5	ug/L	2.4	31-MAR-07	R508354
m+p-Xylenes	<1.0		1	ug/L		31-MAR-07	R508354
o-Xylene	<0.50		0.5	ug/L		31-MAR-07	R508354
Toluene	<0.50		0.5	ug/L	0.8	31-MAR-07	R508354
Xylene, (total)	<1.5		1.5	ug/L	72	31-MAR-07	R508354
CCME Total Hydrocarbons							
F1 (C6-C10)	<100		100	ug/L		03-APR-07	
F1-BTEX	<100		100	ug/L		03-APR-07	
F2 (C10-C16)	140		100	ug/L		03-APR-07	
F3 (C16-C34)	<250		250	ug/L		03-APR-07	
F4 (C34-C50)	<250		250	ug/L		03-APR-07	
Total Hydrocarbons (C6-C50)	<250		250	ug/L		03-APR-07	
Chromatogram to baseline at nC50	YES			No Unit		03-APR-07	
Analysis Date				No Unit		31-MAR-07	R508355
F2-F4 (O.Reg.153/04)							
Prep/Analysis Dates				No Unit		03-APR-07	R509256
Surr: Octacosane	83		49-120	%		03-APR-07	R509256
VOC EXCLUDING BTX							
1,1,1,2-Tetrachloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,1,2,2-Tetrachloroethane	<0.5		0.5	ug/L	1	02-APR-07	R509098
1,1,1-Trichloroethane	<0.5		0.5	ug/L	10	02-APR-07	R509098
1,1,2-Trichloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,2-Dibromoethane	<0.5		0.5	ug/L	1	02-APR-07	R509098
1,1-Dichloroethane	<0.5		0.5	ug/L	70	02-APR-07	R509098
1,1-Dichloroethylene	<0.5		0.5	ug/L	0.66	02-APR-07	R509098
1,2-Dichlorobenzene	<0.5		0.5	ug/L	2.5	02-APR-07	R509098

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits	Analyzed	Batch
L491328-18 MW3							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
VOC, F1-F4 (O.Reg.153/04)							
VOC EXCLUDING BTX							
1,2-Dichloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,2-Dichloropropane	<0.5		0.5	ug/L	0.7	02-APR-07	R509098
1,3-Dichlorobenzene	<0.5		0.5	ug/L	2.5	02-APR-07	R509098
1,4-Dichlorobenzene	<0.5		0.5	ug/L	1	02-APR-07	R509098
2-Hexanone	<20		20	ug/L		02-APR-07	R509098
Acetone	<20		20	ug/L		02-APR-07	R509098
Bromodichloromethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
Bromoform	<0.5		0.5	ug/L	5	02-APR-07	R509098
Bromomethane	<0.5		0.5	ug/L	0.9	02-APR-07	R509098
Carbon Disulfide	<0.5		0.5	ug/L		02-APR-07	R509098
Carbon tetrachloride	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Chlorobenzene	<0.5		0.5	ug/L	15	02-APR-07	R509098
Chloroethane	<1		1	ug/L		02-APR-07	R509098
Chloroform	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Chloromethane	<1		1	ug/L		02-APR-07	R509098
cis-1,2-Dichloroethylene	<0.5		0.5	ug/L	70	02-APR-07	R509098
cis-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	02-APR-07	R509098
Dibromochloromethane	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Dichlorodifluoromethane	<1		1	ug/L		02-APR-07	R509098
Dichloromethane	<0.5		0.5	ug/L	50	02-APR-07	R509098
Methyl Ethyl Ketone	<20		20	ug/L	350	02-APR-07	R509098
Methyl Isobutyl Ketone	<20		20	ug/L		02-APR-07	R509098
MTBE	<0.5		0.5	ug/L	200	02-APR-07	R509098
Styrene	<0.5		0.5	ug/L	4	02-APR-07	R509098
Tetrachloroethylene	<0.5		0.5	ug/L	5	02-APR-07	R509098
trans-1,2-Dichloroethylene	<0.5		0.5	ug/L	100	02-APR-07	R509098
trans-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	02-APR-07	R509098
Trichloroethylene	<0.5		0.5	ug/L	20	02-APR-07	R509098
Trichlorofluoromethane	<1		1	ug/L		02-APR-07	R509098
Trihalomethanes (total)	<2.0		2	ug/L		02-APR-07	R509098
Vinyl chloride	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Surr: 1,2-Dichloroethane d4	101		51-150	%		02-APR-07	R509098
Surr: Toluene-d8	99		72-123	%		02-APR-07	R509098
Surr: 4-Bromofluorobenzene	101		50-150	%		02-APR-07	R509098
L491328-19 MW6							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
Individual Analytes							
Volatile Organics							
1,1,1,2-Tetrachloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,1,2,2-Tetrachloroethane	<0.5		0.5	ug/L	1	02-APR-07	R509098
1,1,1-Trichloroethane	<0.5		0.5	ug/L	10	02-APR-07	R509098
1,1,2-Trichloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,2-Dibromoethane	<0.5		0.5	ug/L	1	02-APR-07	R509098
1,1-Dichloroethane	<0.5		0.5	ug/L	70	02-APR-07	R509098

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits	Analyzed	Batch
L491328-19 MW6							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
Individual Analytes							
Volatile Organics							
1,1-Dichloroethylene	<0.5		0.5	ug/L	0.66	02-APR-07	R509098
1,2-Dichlorobenzene	<0.5		0.5	ug/L	2.5	02-APR-07	R509098
1,2-Dichloroethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
1,2-Dichloropropane	<0.5		0.5	ug/L	0.7	02-APR-07	R509098
1,3-Dichlorobenzene	<0.5		0.5	ug/L	2.5	02-APR-07	R509098
1,4-Dichlorobenzene	<0.5		0.5	ug/L	1	02-APR-07	R509098
2-Hexanone	<20		20	ug/L		02-APR-07	R509098
Acetone	<20		20	ug/L		02-APR-07	R509098
Benzene	<0.5		0.5	ug/L	5	02-APR-07	R509098
Bromodichloromethane	<0.5		0.5	ug/L	5	02-APR-07	R509098
Bromoform	<0.5		0.5	ug/L	5	02-APR-07	R509098
Bromomethane	<1		1	ug/L	0.9	02-APR-07	R509098
Carbon Disulfide	<0.5		0.5	ug/L		02-APR-07	R509098
Carbon tetrachloride	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Chlorobenzene	<0.5		0.5	ug/L	15	02-APR-07	R509098
Chloroethane	<1		1	ug/L		02-APR-07	R509098
Chloroform	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Chloromethane	<1		1	ug/L		02-APR-07	R509098
cis-1,2-Dichloroethylene	<0.5		0.5	ug/L	70	02-APR-07	R509098
cis-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	02-APR-07	R509098
Dibromochloromethane	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Dichlorodifluoromethane	<1		1	ug/L		02-APR-07	R509098
Dichloromethane	<0.5		0.5	ug/L	50	02-APR-07	R509098
Ethyl Benzene	<0.5		0.5	ug/L	2.4	02-APR-07	R509098
m+p-Xylenes	<1		1	ug/L		02-APR-07	R509098
Methyl Ethyl Ketone	<20		20	ug/L	350	02-APR-07	R509098
Methyl Isobutyl Ketone	<20		20	ug/L		02-APR-07	R509098
MTBE	<0.5		0.5	ug/L	200	02-APR-07	R509098
o-Xylene	<0.5		0.5	ug/L		02-APR-07	R509098
Styrene	<0.5		0.5	ug/L	4	02-APR-07	R509098
Tetrachloroethylene	<0.5		0.5	ug/L	5	02-APR-07	R509098
Toluene	<0.5		0.5	ug/L	0.8	02-APR-07	R509098
trans-1,2-Dichloroethylene	<0.5		0.5	ug/L	100	02-APR-07	R509098
trans-1,3-Dichloropropene	<0.5		0.5	ug/L	1.4	02-APR-07	R509098
Trichloroethylene	<0.5		0.5	ug/L	20	02-APR-07	R509098
Trichlorofluoromethane	<1		1	ug/L		02-APR-07	R509098
Trihalomethanes (total)	<2.0		2	ug/L		02-APR-07	R509098
Vinyl chloride	<0.5		0.5	ug/L	0.5	02-APR-07	R509098
Xylenes (Total)	<1.5		1.5	ug/L	72	02-APR-07	R509098
Surr: 1,2-Dichloroethane d4	100		51-150	%		02-APR-07	R509098
Surr: Toluene-d8	99		72-123	%		02-APR-07	R509098
Surr: 4-Bromofluorobenzene	101		50-150	%		02-APR-07	R509098
L491328-20 SW1- SURFACE WATER							
Sample Date: 29-MAR-07							
Matrix: WATER					GROUNDWATER, ALL PROPERTIES		
Individual Analytes							

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units		Criteria Specific Limits	Analyzed	Batch
L491328-20 SW1- SURFACE WATER								
Sample Date: 29-MAR-07								
Matrix: WATER						GROUNDWATER, ALL PROPERTIES		
Individual Analytes								
Volatile Organics								
1,1,1,2-Tetrachloroethane	<0.5		0.5	ug/L		5	31-MAR-07	R508881
1,1,2,2-Tetrachloroethane	<0.5		0.5	ug/L		1	31-MAR-07	R508881
1,1,1-Trichloroethane	<0.5		0.5	ug/L		10	31-MAR-07	R508881
1,1,2-Trichloroethane	<0.5		0.5	ug/L		5	31-MAR-07	R508881
1,2-Dibromoethane	<0.5		0.5	ug/L		1	31-MAR-07	R508881
1,1-Dichloroethane	<0.5		0.5	ug/L		70	31-MAR-07	R508881
1,1-Dichloroethylene	<0.5		0.5	ug/L		0.66	31-MAR-07	R508881
1,2-Dichlorobenzene	<0.5		0.5	ug/L		2.5	31-MAR-07	R508881
1,2-Dichloroethane	<0.5		0.5	ug/L		5	31-MAR-07	R508881
1,2-Dichloropropane	<0.5		0.5	ug/L		0.7	31-MAR-07	R508881
1,3-Dichlorobenzene	<0.5		0.5	ug/L		2.5	31-MAR-07	R508881
1,4-Dichlorobenzene	<0.5		0.5	ug/L		1	31-MAR-07	R508881
2-Hexanone	<20		20	ug/L			31-MAR-07	R508881
Acetone	30		20	ug/L			31-MAR-07	R508881
Benzene	<0.5		0.5	ug/L		5	31-MAR-07	R508881
Bromodichloromethane	0.8		0.5	ug/L		5	31-MAR-07	R508881
Bromoform	<0.5		0.5	ug/L		5	31-MAR-07	R508881
Bromomethane	<1		1	ug/L		0.9	31-MAR-07	R508881
Carbon Disulfide	<0.5		0.5	ug/L			31-MAR-07	R508881
Carbon tetrachloride	<0.5		0.5	ug/L		0.5	31-MAR-07	R508881
Chlorobenzene	<0.5		0.5	ug/L		15	31-MAR-07	R508881
Chloroethane	<1		1	ug/L			31-MAR-07	R508881
Chloroform	1.6		0.5	ug/L	**	0.5	31-MAR-07	R508881
Chloromethane	<1		1	ug/L			31-MAR-07	R508881
cis-1,2-Dichloroethylene	<0.5		0.5	ug/L		70	31-MAR-07	R508881
cis-1,3-Dichloropropene	<0.5		0.5	ug/L		1.4	31-MAR-07	R508881
Dibromochloromethane	<0.5		0.5	ug/L		0.5	31-MAR-07	R508881
Dichlorodifluoromethane	<1		1	ug/L			31-MAR-07	R508881
Dichloromethane	17.8		0.5	ug/L		50	31-MAR-07	R508881
Ethyl Benzene	<0.5		0.5	ug/L		2.4	31-MAR-07	R508881
m+p-Xylenes	<1		1	ug/L			31-MAR-07	R508881
Methyl Ethyl Ketone	<20		20	ug/L		350	31-MAR-07	R508881
Methyl Isobutyl Ketone	<20		20	ug/L			31-MAR-07	R508881
MTBE	<0.5		0.5	ug/L		200	31-MAR-07	R508881
o-Xylene	<0.5		0.5	ug/L			31-MAR-07	R508881
Styrene	<0.5		0.5	ug/L		4	31-MAR-07	R508881
Tetrachloroethylene	<0.5		0.5	ug/L		5	31-MAR-07	R508881
Toluene	<0.5		0.5	ug/L		0.8	31-MAR-07	R508881
trans-1,2-Dichloroethylene	<0.5		0.5	ug/L		100	31-MAR-07	R508881
trans-1,3-Dichloropropene	<0.5		0.5	ug/L		1.4	31-MAR-07	R508881
Trichloroethylene	<0.5		0.5	ug/L		20	31-MAR-07	R508881
Trichlorofluoromethane	<1		1	ug/L			31-MAR-07	R508881
Trihalomethanes (total)	2.4		2	ug/L			31-MAR-07	R508881
Vinyl chloride	<0.5		0.5	ug/L		0.5	31-MAR-07	R508881
Xylenes (Total)	<1.5		1.5	ug/L		72	31-MAR-07	R508881
Surr: 1,2-Dichloroethane d4	98		51-150	%			31-MAR-07	R508881
Surr: Toluene-d8	99		72-123	%			31-MAR-07	R508881
Surr: 4-Bromofluorobenzene	101		50-150	%			31-MAR-07	R508881

** analytical results for this parameter exceed criteria limits listed on this report

Sample Details/Parameters	Result	Qualifier	D.L.	Units	Criteria Specific Limits	Analyzed	Batch

L491328-20 SW1- SURFACE WATER
Sample Date: 29-MAR-07
Matrix: WATER

GROUNDWATER, ALL PROPERTIES

** analytical results for this parameter exceed criteria limits listed on this report

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX-R153-TBL1-WT	Soil	BTEX to meet Table 1(O.Reg.153/04)		MOE DECPH-E3398/CCME Tier 1
BTX-R153-WT	Water	BTEX (O.Reg.153/04)		MOE DECPH-E3421/CCME Tier 1
ETL-TVH,TEH-CCME-WT	Water	CCME Total Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

ETL-TVH,TEH-CCME-WT	Soil	CCME Total Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F1-WT	Water	F1 (O.Reg.153/04)		MOE DECPH-E3421/CCME Tier 1
F1-WT	Soil	F1 (O.Reg.153/04)		MOE DECPH-E3398/CCME Tier 1
F2-F4-WT	Water	F2-F4 (O.Reg.153/04)		MOE DECPH-E3421/CCME Tier 1
F2-F4-WT	Soil	F2-F4 (O.Reg.153/04)		MOE DECPH-E3398/CCME Tier 1
MET-R153-WT	Soil	Standard Metal Scan (ICP)		EPA 3050
MOISTURE-WT	Soil	% Moisture		Gravimetric: Oven Dried
PCB-WT	Soil	PCBs		EPA 8082

Reference Information

KWEN00281221B

/OC-CCME-TABLE1-WT	Soil	Volatile Organics (153/04) Table 1	MOE-E3254
/OC-ROU-NO-BTX-WT	Water	VOC EXCLUDING BTX	SW846 8260
/OC-ROU-WT	Water	Volatile Organics	SW846 8260

Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

A093398

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
WT	ALS LABORATORY GROUP - WATERLOO (SENTINEL), ONTARIO, CAN		

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds. The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
< - Less than
D.L. - Detection Limit
N/A - Result not available. Refer to qualifier code and definition for explanation

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ALS provides criteria information as a service to you, our customer. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. ALS recommends review of the most current version of the regulation, and assumes no responsibility for the accuracy of the criteria levels indicated.

ALS Laboratory Group Quality Control Report

Workorder: L491328 Report Date: 05-APR-07 Page 1 of 27

Client: TROW CONSULTING ENGINEERS
85 EDWIN STREET
KITCHENER ON N2H 4N7

Contact: JASON SLIDDERS

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTX-R153-WT	Water							
Batch R508354								
WG577516-1 CVS								
Benzene			93		%		79-117	30-MAR-07
Ethyl Benzene			96		%		80-117	30-MAR-07
m+p-Xylenes			102		%		75-127	30-MAR-07
o-Xylene			95		%		81-118	30-MAR-07
Toluene			95		%		79-117	30-MAR-07
WG577516-3 DUP		L491328-17						
Benzene		<0.50	<0.50	RPD-NA	ug/L	N/A	39	31-MAR-07
Ethyl Benzene		<0.50	<0.50	RPD-NA	ug/L	N/A	39	31-MAR-07
m+p-Xylenes		<1.0	<1.0	RPD-NA	ug/L	N/A	39	31-MAR-07
o-Xylene		<0.50	<0.50	RPD-NA	ug/L	N/A	39	31-MAR-07
Toluene		<0.50	<0.50	RPD-NA	ug/L	N/A	39	31-MAR-07
WG577516-2 MB								
Benzene			<0.50		ug/L		0.5	30-MAR-07
Ethyl Benzene			<0.50		ug/L		0.5	30-MAR-07
m+p-Xylenes			<1.0		ug/L		1	30-MAR-07
o-Xylene			<0.50		ug/L		0.5	30-MAR-07
Toluene			<0.50		ug/L		0.5	30-MAR-07
F1-WT	Water							
Batch R508355								
WG577517-1 CVS								
TVH: (C6-C10 / No BTEX Correction)			95		%		54-126	30-MAR-07
WG577517-3 DUP		L491328-17						
TVH: (C6-C10 / No BTEX Correction)		<100	<100	RPD-NA	ug/L	N/A	20	31-MAR-07
WG577517-2 MB								
TVH: (C6-C10 / No BTEX Correction)			<100		ug/L		100	30-MAR-07
F2-F4-WT	Water							
Batch R509256								
WG578798-1 CVS								
F2 (C10-C16)			98		%		80-118	03-APR-07
F3 (C16-C34)			101		%		83-113	03-APR-07
F4 (C34-C50)			103		%		80-120	03-APR-07
WG578288-2 LCS								
F2 (C10-C16)			75		%		34-109	03-APR-07
F3 (C16-C34)			83		%		56-104	03-APR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-WT	Water							
Batch R509256								
WG578288-2 LCS								
F4 (C34-C50)			77		%		54-120	03-APR-07
WG578288-3 LCSD		WG578288-2						
F2 (C10-C16)		75	75		%	0.10	45	03-APR-07
F3 (C16-C34)		83	82		%	0.31	45	03-APR-07
F4 (C34-C50)		77	80		%	3.8	45	03-APR-07
WG578288-1 MB								
F2 (C10-C16)			<100		ug/L		100	03-APR-07
F3 (C16-C34)			<250		ug/L		250	03-APR-07
F4 (C34-C50)			<250		ug/L		250	03-APR-07
VOC-ROU-NO-BTX-WT	Water							
Batch R508881								
WG578496-1 CVS								
1,1,1,2-Tetrachloroethane			108		%		63-138	31-MAR-07
1,1,1-Trichloroethane			105		%		63-138	31-MAR-07
1,1,2,2-Tetrachloroethane			98		%		63-138	31-MAR-07
1,1,2-Trichloroethane			103		%		63-138	31-MAR-07
1,1-Dichloroethane			108		%		74-123	31-MAR-07
1,1-Dichloroethylene			101		%		75-125	31-MAR-07
1,2-Dichlorobenzene			107		%		75-119	31-MAR-07
1,2-Dichloroethane			109		%		70-132	31-MAR-07
1,2-Dichloropropane			111		%		63-138	31-MAR-07
1,3-Dichlorobenzene			108		%		63-138	31-MAR-07
1,4-Dichlorobenzene			107		%		63-138	31-MAR-07
2-Hexanone			93		%		49-142	31-MAR-07
Acetone			125		%		22-191	31-MAR-07
Bromodichloromethane			106		%		63-138	31-MAR-07
Bromoform			91		%		63-138	31-MAR-07
Bromomethane			82		%		43-137	31-MAR-07
Carbon Disulfide			83		%		51-148	31-MAR-07
Carbon tetrachloride			108		%		63-138	31-MAR-07
Chlorobenzene			112		%		82-115	31-MAR-07
Dibromochloromethane			100		%		72-117	31-MAR-07
Chloroethane			92		%		62-143	31-MAR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R508881								
WG578496-1 CVS								
Chloroform			109		%		63-138	31-MAR-07
Chloromethane			80		%		56-145	31-MAR-07
cis-1,2-Dichloroethylene			110		%		63-138	31-MAR-07
cis-1,3-Dichloropropene			105		%		63-138	31-MAR-07
1,2-Dibromoethane			101		%		75-125	31-MAR-07
Methyl Ethyl Ketone			105		%		62-138	31-MAR-07
Methyl Isobutyl Ketone			92		%		60-130	31-MAR-07
MTBE			95		%		69-119	31-MAR-07
Dichloromethane			108		%		55-145	31-MAR-07
Styrene			110		%		63-138	31-MAR-07
Tetrachloroethylene			110		%		69-121	31-MAR-07
trans-1,2-Dichloroethylene			106		%		63-138	31-MAR-07
trans-1,3-Dichloropropene			102		%		63-138	31-MAR-07
Trichloroethylene			109		%		80-120	31-MAR-07
Trichlorofluoromethane			107		%		67-133	31-MAR-07
Vinyl chloride			83		%		55-145	31-MAR-07
Dichlorodifluoromethane			48	G	%		60-125	31-MAR-07
WG578496-4 DUP		WG578496-3						
1,1,1,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,1-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,2,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,2-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichloropropane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,3-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,4-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
2-Hexanone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Acetone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Bromodichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Bromoform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R508881								
WG578496-4 DUP		WG578496-3						
Bromomethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Carbon Disulfide		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Carbon tetrachloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dibromochloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloroethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloroform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
cis-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
cis-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dichlorodifluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dibromoethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Methyl Ethyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Methyl Isobutyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
MTBE		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Styrene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Tetrachloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
trans-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
trans-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Trichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Trichlorofluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Vinyl chloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
WG578496-2 MB								
1,1,1,2-Tetrachloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,1-Trichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,2,2-Tetrachloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,2-Trichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1-Dichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichloropropane			<0.5		ug/L		0.5	31-MAR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R508881								
WG578496-2 MB								
1,3-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
1,4-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
2-Hexanone			<20		ug/L		20	31-MAR-07
Acetone			<20		ug/L		20	31-MAR-07
Bromodichloromethane			<0.5		ug/L		0.5	31-MAR-07
Bromoform			<0.5		ug/L		0.5	31-MAR-07
Bromomethane			<0.5		ug/L		0.5	31-MAR-07
Carbon Disulfide			<0.5		ug/L		0.5	31-MAR-07
Carbon tetrachloride			<0.5		ug/L		0.5	31-MAR-07
Chlorobenzene			<0.5		ug/L		0.5	31-MAR-07
Dibromochloromethane			<0.5		ug/L		0.5	31-MAR-07
Chloroethane			<1		ug/L		1	31-MAR-07
Chloroform			<0.5		ug/L		0.5	31-MAR-07
Chloromethane			<1		ug/L		1	31-MAR-07
cis-1,2-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
cis-1,3-Dichloropropene			<0.5		ug/L		0.5	31-MAR-07
Dichlorodifluoromethane			<1		ug/L		1	31-MAR-07
1,2-Dibromoethane			<0.5		ug/L		0.5	31-MAR-07
Methyl Ethyl Ketone			<20		ug/L		20	31-MAR-07
Methyl Isobutyl Ketone			<20		ug/L		20	31-MAR-07
MTBE			<0.5		ug/L		0.5	31-MAR-07
Dichloromethane			<0.5		ug/L		0.5	31-MAR-07
Styrene			<0.5		ug/L		0.5	31-MAR-07
Tetrachloroethylene			<0.5		ug/L		0.5	31-MAR-07
trans-1,2-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
trans-1,3-Dichloropropene			<0.5		ug/L		0.5	31-MAR-07
Trichloroethylene			<0.5		ug/L		0.5	31-MAR-07
Trichlorofluoromethane			<1		ug/L		1	31-MAR-07
Vinyl chloride			<0.5		ug/L		0.5	31-MAR-07
Batch R509098								
WG578673-1 CVS								
1,1,1,2-Tetrachloroethane			116		%		63-138	02-APR-07
1,1,1-Trichloroethane			112		%		63-138	02-APR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R509098								
WG578673-1 CVS								
1,1,2,2-Tetrachloroethane			106		%		63-138	02-APR-07
1,1,2-Trichloroethane			114		%		63-138	02-APR-07
1,1-Dichloroethane			115		%		74-123	02-APR-07
1,1-Dichloroethylene			107		%		75-125	02-APR-07
1,2-Dichlorobenzene			107		%		75-119	02-APR-07
1,2-Dichloroethane			118		%		70-132	02-APR-07
1,2-Dichloropropane			117		%		63-138	02-APR-07
1,3-Dichlorobenzene			113		%		63-138	02-APR-07
1,4-Dichlorobenzene			112		%		63-138	02-APR-07
2-Hexanone			100		%		49-142	02-APR-07
Acetone			101		%		22-191	02-APR-07
Bromodichloromethane			114		%		63-138	02-APR-07
Bromoform			100		%		63-138	02-APR-07
Bromomethane			84		%		43-137	02-APR-07
Carbon Disulfide			87		%		51-148	02-APR-07
Carbon tetrachloride			114		%		63-138	02-APR-07
Dibromochloromethane			109		%		72-117	02-APR-07
Chloroethane			97		%		62-143	02-APR-07
Chloroform			116		%		63-138	02-APR-07
Chloromethane			82		%		56-145	02-APR-07
cis-1,2-Dichloroethylene			116		%		63-138	02-APR-07
cis-1,3-Dichloropropene			113		%		63-138	02-APR-07
1,2-Dibromoethane			111		%		75-125	02-APR-07
Methyl Ethyl Ketone			101		%		62-138	02-APR-07
Methyl Isobutyl Ketone			104		%		60-130	02-APR-07
MTBE			103		%		69-119	02-APR-07
Dichloromethane			114		%		55-145	02-APR-07
Styrene			114		%		63-138	02-APR-07
Tetrachloroethylene			117		%		69-121	02-APR-07
trans-1,2-Dichloroethylene			111		%		63-138	02-APR-07
trans-1,3-Dichloropropene			111		%		63-138	02-APR-07
Trichloroethylene			116		%		80-120	02-APR-07
Trichlorofluoromethane			113		%		67-133	02-APR-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R509098								
WG578673-1 CVS								
Vinyl chloride			86		%		55-145	02-APR-07
Chlorobenzene			119	G	%		82-115	02-APR-07
Dichlorodifluoromethane			47	G	%		60-125	02-APR-07
WG578673-4 DUP		WG578673-3						
1,1,1,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1,1-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1,2,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1,2-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichloropropane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,3-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,4-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
2-Hexanone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Acetone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Bromodichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Bromoform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Bromomethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Carbon Disulfide		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Carbon tetrachloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dibromochloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chloroethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Chloroform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chloromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
cis-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
cis-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dichlorodifluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dibromoethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Methyl Ethyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Methyl Isobutyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R509098								
WG578673-4 DUP		WG578673-3						
MTBE		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Styrene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Tetrachloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
trans-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
trans-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Trichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Trichlorofluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Vinyl chloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
WG578673-2 MB								
1,1,1,2-Tetrachloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,1-Trichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,2,2-Tetrachloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,2-Trichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1-Dichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07
1,2-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
1,2-Dichloroethane			<0.5		ug/L		0.5	02-APR-07
1,2-Dichloropropane			<0.5		ug/L		0.5	02-APR-07
1,3-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
1,4-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
2-Hexanone			<20		ug/L		20	02-APR-07
Acetone			<20		ug/L		20	02-APR-07
Bromodichloromethane			<0.5		ug/L		0.5	02-APR-07
Bromoform			<0.5		ug/L		0.5	02-APR-07
Bromomethane			<0.5		ug/L		0.5	02-APR-07
Carbon Disulfide			<0.5		ug/L		0.5	02-APR-07
Carbon tetrachloride			<0.5		ug/L		0.5	02-APR-07
Chlorobenzene			<0.5		ug/L		0.5	02-APR-07
Dibromochloromethane			<0.5		ug/L		0.5	02-APR-07
Chloroethane			<1		ug/L		1	02-APR-07
Chloroform			<0.5		ug/L		0.5	02-APR-07
Chloromethane			<1		ug/L		1	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-NO-BTX-WT	Water							
Batch R509098								
WG578673-2 MB								
cis-1,2-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07
cis-1,3-Dichloropropene			<0.5		ug/L		0.5	02-APR-07
Dichlorodifluoromethane			<1		ug/L		1	02-APR-07
1,2-Dibromoethane			<0.5		ug/L		0.5	02-APR-07
Methyl Ethyl Ketone			<20		ug/L		20	02-APR-07
Methyl Isobutyl Ketone			<20		ug/L		20	02-APR-07
MTBE			<0.5		ug/L		0.5	02-APR-07
Dichloromethane			<0.5		ug/L		0.5	02-APR-07
Styrene			<0.5		ug/L		0.5	02-APR-07
Tetrachloroethylene			<0.5		ug/L		0.5	02-APR-07
trans-1,2-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07
trans-1,3-Dichloropropene			<0.5		ug/L		0.5	02-APR-07
Trichloroethylene			<0.5		ug/L		0.5	02-APR-07
Trichlorofluoromethane			<1		ug/L		1	02-APR-07
Vinyl chloride			<0.5		ug/L		0.5	02-APR-07
VOC-ROU-WT	Water							
Batch R508881								
WG578496-1 CVS								
1,1,1,2-Tetrachloroethane			108		%		63-138	31-MAR-07
1,1,1-Trichloroethane			105		%		63-138	31-MAR-07
1,1,2,2-Tetrachloroethane			98		%		63-138	31-MAR-07
1,1,2-Trichloroethane			103		%		63-138	31-MAR-07
1,1-Dichloroethane			108		%		74-123	31-MAR-07
1,1-Dichloroethylene			101		%		75-125	31-MAR-07
1,2-Dichlorobenzene			107		%		75-119	31-MAR-07
1,2-Dichloroethane			109		%		70-132	31-MAR-07
1,2-Dichloropropane			111		%		63-138	31-MAR-07
1,3-Dichlorobenzene			108		%		63-138	31-MAR-07
1,4-Dichlorobenzene			107		%		63-138	31-MAR-07
2-Hexanone			93		%		49-142	31-MAR-07
Acetone			125		%		22-191	31-MAR-07
Benzene			112		%		81-117	31-MAR-07
Bromodichloromethane			106		%		63-138	31-MAR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R508881								
WG578496-1 CVS								
Bromoform			91		%		63-138	31-MAR-07
Bromomethane			82		%		43-137	31-MAR-07
Carbon Disulfide			83		%		51-148	31-MAR-07
Carbon tetrachloride			108		%		63-138	31-MAR-07
Chlorobenzene			112		%		82-115	31-MAR-07
Dibromochloromethane			100		%		72-117	31-MAR-07
Chloroethane			92		%		62-143	31-MAR-07
Chloroform			109		%		63-138	31-MAR-07
Chloromethane			80		%		56-145	31-MAR-07
cis-1,2-Dichloroethylene			110		%		63-138	31-MAR-07
cis-1,3-Dichloropropene			105		%		63-138	31-MAR-07
Ethyl Benzene			114		%		63-138	31-MAR-07
1,2-Dibromoethane			101		%		75-125	31-MAR-07
m+p-Xylenes			117		%		79-122	31-MAR-07
Methyl Ethyl Ketone			105		%		62-138	31-MAR-07
Methyl Isobutyl Ketone			92		%		60-130	31-MAR-07
MTBE			95		%		69-119	31-MAR-07
Dichloromethane			108		%		55-145	31-MAR-07
o-Xylene			114		%		84-126	31-MAR-07
Styrene			110		%		63-138	31-MAR-07
Tetrachloroethylene			110		%		69-121	31-MAR-07
Toluene			112		%		81-117	31-MAR-07
trans-1,2-Dichloroethylene			106		%		63-138	31-MAR-07
trans-1,3-Dichloropropene			102		%		63-138	31-MAR-07
Trichloroethylene			109		%		80-120	31-MAR-07
Trichlorofluoromethane			107		%		67-133	31-MAR-07
Vinyl chloride			83		%		55-145	31-MAR-07
Dichlorodifluoromethane			48	G	%		60-125	31-MAR-07
WG578496-4 DUP		WG578496-3						
1,1,1,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,1-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,2,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1,2-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R508881								
WG578496-4 DUP		WG578496-3						
1,1-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,1-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,2-Dichloropropane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,3-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
1,4-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
2-Hexanone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Acetone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Benzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Bromodichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Bromoform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Bromomethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Carbon Disulfide		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Carbon tetrachloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dibromochloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloroethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloroform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Chloromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
cis-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
cis-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dichlorodifluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Ethyl Benzene		<0.5	<0.5	RPD-NA	ug/L	N/A	26	31-MAR-07
1,2-Dibromoethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
m+p-Xylenes		<1	<1	RPD-NA	ug/L	N/A	26	31-MAR-07
Methyl Ethyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
Methyl Isobutyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	31-MAR-07
MTBE		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Dichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
o-Xylene		<0.5	<0.5	RPD-NA	ug/L	N/A	65	31-MAR-07
Styrene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Tetrachloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R508881								
WG578496-4 DUP		WG578496-3						
Toluene		<0.5	<0.5	RPD-NA	ug/L	N/A	26	31-MAR-07
trans-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
trans-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Trichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
Trichlorofluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	31-MAR-07
Vinyl chloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	31-MAR-07
WG578496-2 MB								
1,1,1,2-Tetrachloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,1-Trichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,2,2-Tetrachloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1,2-Trichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1-Dichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,1-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichloroethane			<0.5		ug/L		0.5	31-MAR-07
1,2-Dichloropropane			<0.5		ug/L		0.5	31-MAR-07
1,3-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
1,4-Dichlorobenzene			<0.5		ug/L		0.5	31-MAR-07
2-Hexanone			<20		ug/L		20	31-MAR-07
Acetone			<20		ug/L		20	31-MAR-07
Benzene			<0.5		ug/L		0.5	31-MAR-07
Bromodichloromethane			<0.5		ug/L		0.5	31-MAR-07
Bromoform			<0.5		ug/L		0.5	31-MAR-07
Bromomethane			<1		ug/L		1	31-MAR-07
Carbon Disulfide			<0.5		ug/L		0.5	31-MAR-07
Carbon tetrachloride			<0.5		ug/L		0.5	31-MAR-07
Chlorobenzene			<0.5		ug/L		0.5	31-MAR-07
Dibromochloromethane			<0.5		ug/L		0.5	31-MAR-07
Chloroethane			<1		ug/L		1	31-MAR-07
Chloroform			<0.5		ug/L		0.5	31-MAR-07
Chloromethane			<1		ug/L		1	31-MAR-07
cis-1,2-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
cis-1,3-Dichloropropene			<0.5		ug/L		0.5	31-MAR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R508881								
WG578496-2 MB								
Dichlorodifluoromethane			<1		ug/L		1	31-MAR-07
Ethyl Benzene			<0.5		ug/L		0.5	31-MAR-07
1,2-Dibromoethane			<0.5		ug/L		0.5	31-MAR-07
m+p-Xylenes			<1		ug/L		1	31-MAR-07
Methyl Ethyl Ketone			<20		ug/L		20	31-MAR-07
Methyl Isobutyl Ketone			<20		ug/L		20	31-MAR-07
MTBE			<0.5		ug/L		0.5	31-MAR-07
Dichloromethane			<0.5		ug/L		0.5	31-MAR-07
o-Xylene			<0.5		ug/L		0.5	31-MAR-07
Styrene			<0.5		ug/L		0.5	31-MAR-07
Tetrachloroethylene			<0.5		ug/L		0.5	31-MAR-07
Toluene			<0.5		ug/L		0.5	31-MAR-07
trans-1,2-Dichloroethylene			<0.5		ug/L		0.5	31-MAR-07
trans-1,3-Dichloropropene			<0.5		ug/L		0.5	31-MAR-07
Trichloroethylene			<0.5		ug/L		0.5	31-MAR-07
Trichlorofluoromethane			<1		ug/L		1	31-MAR-07
Vinyl chloride			<0.5		ug/L		0.5	31-MAR-07
Batch R509098								
WG578673-1 CVS								
1,1,1,2-Tetrachloroethane			116		%		63-138	02-APR-07
1,1,1-Trichloroethane			112		%		63-138	02-APR-07
1,1,2,2-Tetrachloroethane			106		%		63-138	02-APR-07
1,1,2-Trichloroethane			114		%		63-138	02-APR-07
1,1-Dichloroethane			115		%		74-123	02-APR-07
1,1-Dichloroethylene			107		%		75-125	02-APR-07
1,2-Dichlorobenzene			107		%		75-119	02-APR-07
1,2-Dichloroethane			118		%		70-132	02-APR-07
1,2-Dichloropropane			117		%		63-138	02-APR-07
1,3-Dichlorobenzene			113		%		63-138	02-APR-07
1,4-Dichlorobenzene			112		%		63-138	02-APR-07
2-Hexanone			100		%		49-142	02-APR-07
Acetone			101		%		22-191	02-APR-07
Bromodichloromethane			114		%		63-138	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R509098								
WG578673-1 CVS								
Bromoform			100		%		63-138	02-APR-07
Bromomethane			84		%		43-137	02-APR-07
Carbon Disulfide			87		%		51-148	02-APR-07
Carbon tetrachloride			114		%		63-138	02-APR-07
Dibromochloromethane			109		%		72-117	02-APR-07
Chloroethane			97		%		62-143	02-APR-07
Chloroform			116		%		63-138	02-APR-07
Chloromethane			82		%		56-145	02-APR-07
cis-1,2-Dichloroethylene			116		%		63-138	02-APR-07
cis-1,3-Dichloropropene			113		%		63-138	02-APR-07
Ethyl Benzene			118		%		63-138	02-APR-07
1,2-Dibromoethane			111		%		75-125	02-APR-07
m+p-Xylenes			120		%		79-122	02-APR-07
Methyl Ethyl Ketone			101		%		62-138	02-APR-07
Methyl Isobutyl Ketone			104		%		60-130	02-APR-07
MTBE			103		%		69-119	02-APR-07
Dichloromethane			114		%		55-145	02-APR-07
o-Xylene			118		%		84-126	02-APR-07
Styrene			114		%		63-138	02-APR-07
Tetrachloroethylene			117		%		69-121	02-APR-07
trans-1,2-Dichloroethylene			111		%		63-138	02-APR-07
trans-1,3-Dichloropropene			111		%		63-138	02-APR-07
Trichloroethylene			116		%		80-120	02-APR-07
Trichlorofluoromethane			113		%		67-133	02-APR-07
Vinyl chloride			86		%		55-145	02-APR-07
Benzene			119	G	%		81-117	02-APR-07
Chlorobenzene			119	G	%		82-115	02-APR-07
Dichlorodifluoromethane			47	G	%		60-125	02-APR-07
Toluene			119		%		75-122	02-APR-07
WG578673-4 DUP		WG578673-3						
1,1,1,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1,1-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1,2,2-Tetrachloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R509098								
WG578673-4 DUP		WG578673-3						
1,1,2-Trichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,1-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichloroethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,2-Dichloropropane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,3-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
1,4-Dichlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
2-Hexanone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Acetone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Benzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Bromodichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Bromoform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Bromomethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Carbon Disulfide		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Carbon tetrachloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chlorobenzene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dibromochloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chloroethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Chloroform		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Chloromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
cis-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
cis-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dichlorodifluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Ethyl Benzene		<0.5	<0.5	RPD-NA	ug/L	N/A	26	02-APR-07
1,2-Dibromoethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
m+p-Xylenes		<1	<1	RPD-NA	ug/L	N/A	26	02-APR-07
Methyl Ethyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
Methyl Isobutyl Ketone		<20	<20	RPD-NA	ug/L	N/A	20	02-APR-07
MTBE		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Dichloromethane		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
o-Xylene		<0.5	<0.5	RPD-NA	ug/L	N/A	65	02-APR-07
Styrene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07

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est	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
/OC-ROU-WT	Water							
Batch R509098								
WG578673-4 DUP		WG578673-3						
Tetrachloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Toluene		<0.5	<0.5	RPD-NA	ug/L	N/A	26	02-APR-07
trans-1,2-Dichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
trans-1,3-Dichloropropene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Trichloroethylene		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
Trichlorofluoromethane		<1	<1	RPD-NA	ug/L	N/A	20	02-APR-07
Vinyl chloride		<0.5	<0.5	RPD-NA	ug/L	N/A	20	02-APR-07
WG578673-2 MB								
1,1,1,2-Tetrachloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,1-Trichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,2,2-Tetrachloroethane			<0.5		ug/L		0.5	02-APR-07
1,1,2-Trichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1-Dichloroethane			<0.5		ug/L		0.5	02-APR-07
1,1-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07
1,2-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
1,2-Dichloroethane			<0.5		ug/L		0.5	02-APR-07
1,2-Dichloropropane			<0.5		ug/L		0.5	02-APR-07
1,3-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
1,4-Dichlorobenzene			<0.5		ug/L		0.5	02-APR-07
2-Hexanone			<20		ug/L		20	02-APR-07
Acetone			<20		ug/L		20	02-APR-07
Benzene			<0.5		ug/L		0.5	02-APR-07
Bromodichloromethane			<0.5		ug/L		0.5	02-APR-07
Bromoform			<0.5		ug/L		0.5	02-APR-07
Bromomethane			<1		ug/L		1	02-APR-07
Carbon Disulfide			<0.5		ug/L		0.5	02-APR-07
Carbon tetrachloride			<0.5		ug/L		0.5	02-APR-07
Chlorobenzene			<0.5		ug/L		0.5	02-APR-07
Dibromochloromethane			<0.5		ug/L		0.5	02-APR-07
Chloroethane			<1		ug/L		1	02-APR-07
Chloroform			<0.5		ug/L		0.5	02-APR-07
Chloromethane			<1		ug/L		1	02-APR-07
cis-1,2-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
VOC-ROU-WT	Water							
Batch R509098								
WG578673-2 MB								
cis-1,3-Dichloropropene			<0.5		ug/L		0.5	02-APR-07
Dichlorodifluoromethane			<1		ug/L		1	02-APR-07
Ethyl Benzene			<0.5		ug/L		0.5	02-APR-07
1,2-Dibromoethane			<0.5		ug/L		0.5	02-APR-07
m+p-Xylenes			<1		ug/L		1	02-APR-07
Methyl Ethyl Ketone			<20		ug/L		20	02-APR-07
Methyl Isobutyl Ketone			<20		ug/L		20	02-APR-07
MTBE			<0.5		ug/L		0.5	02-APR-07
Dichloromethane			<0.5		ug/L		0.5	02-APR-07
o-Xylene			<0.5		ug/L		0.5	02-APR-07
Styrene			<0.5		ug/L		0.5	02-APR-07
Tetrachloroethylene			<0.5		ug/L		0.5	02-APR-07
Toluene			<0.5		ug/L		0.5	02-APR-07
trans-1,2-Dichloroethylene			<0.5		ug/L		0.5	02-APR-07
trans-1,3-Dichloropropene			<0.5		ug/L		0.5	02-APR-07
Trichloroethylene			<0.5		ug/L		0.5	02-APR-07
Trichlorofluoromethane			<1		ug/L		1	02-APR-07
Vinyl chloride			<0.5		ug/L		0.5	02-APR-07
BTX-R153-TBL1-WT	Soil							
Batch R508570								
WG578187-1 CVS								
Benzene			105		%		55-145	31-MAR-07
Ethyl Benzene			97		%		55-145	31-MAR-07
m+p-Xylenes			99		%		55-145	31-MAR-07
o-Xylene			99		%		55-145	31-MAR-07
Toluene			106		%		55-145	31-MAR-07
WG577713-3 DUP		WG577713-2						
Benzene		0.018	<0.002	RPD-NA	mg/kg	N/A	39	02-APR-07
Ethyl Benzene		0.005	<0.002	RPD-NA	mg/kg	N/A	39	02-APR-07
m+p-Xylenes		0.003	<0.001	RPD-NA	mg/kg	N/A	39	02-APR-07
o-Xylene		0.004	<0.001	RPD-NA	mg/kg	N/A	39	02-APR-07
Toluene		0.003	<0.002	RPD-NA	mg/kg	N/A	39	02-APR-07
WG577713-1 MB								

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTX-R153-TBL1-WT	Soil							
Batch R508570								
WG577713-1 MB								
Benzene			<0.002		mg/kg		0.002	01-APR-07
Ethyl Benzene			<0.002		mg/kg		0.002	01-APR-07
m+p-Xylenes			<0.001		mg/kg		0.001	01-APR-07
o-Xylene			<0.001		mg/kg		0.001	01-APR-07
Toluene			<0.002		mg/kg		0.002	01-APR-07
F1-WT	Soil							
Batch R508504								
WG577924-1 CVS								
TVH: (C6-C10 / No BTEX Correction)			88		%		59-131	31-MAR-07
WG577473-3 DUP		WG577473-2						
TVH: (C6-C10 / No BTEX Correction)		<5	<5	RPD-NA	mg/kg	N/A	65	31-MAR-07
WG577473-1 MB								
TVH: (C6-C10 / No BTEX Correction)			<5		mg/kg		5	31-MAR-07
F2-F4-WT	Soil							
Batch R508897								
WG578252-1 CVS								
F2 (C10-C16)			97		%		80-120	02-APR-07
F3 (C16-C34)			97		%		80-120	02-APR-07
F4 (C34-C50)			100		%		70-130	02-APR-07
WG577581-4 DUP		L491328-6						
F2 (C10-C16)		<10	<10	RPD-NA	mg/kg	N/A	65	02-APR-07
F3 (C16-C34)		<50	<50	RPD-NA	mg/kg	N/A	65	02-APR-07
F4 (C34-C50)		<50	<50	RPD-NA	mg/kg	N/A	65	02-APR-07
WG577581-2 LCS								
F2 (C10-C16)			86		%		54-120	02-APR-07
F3 (C16-C34)			86		%		63-120	02-APR-07
F4 (C34-C50)			81		%		60-130	02-APR-07
WG577581-3 LCSD		WG577581-2						
F2 (C10-C16)		86	85		%	1.5	45	02-APR-07
F3 (C16-C34)		86	86		%	0.82	45	02-APR-07
F4 (C34-C50)		81	78		%	2.8	45	02-APR-07
WG577581-1 MB								
F2 (C10-C16)			<10		mg/kg		10	02-APR-07
F3 (C16-C34)			<50		mg/kg		50	02-APR-07
							50	

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-WT	Soil							
Batch R508897								
WG577581-1 MB								
F4 (C34-C50)			<50		mg/kg		50	02-APR-07
MET-R153-WT	Soil							
Batch R508830								
WG578407-2 CVS								
Arsenic (As)			111		%		63-138	02-APR-07
Barium (Ba)			102		%		63-138	02-APR-07
Beryllium (Be)			100		%		63-138	02-APR-07
Chromium (Cr)			101		%		63-138	02-APR-07
Cobalt (Co)			104		%		63-138	02-APR-07
Copper (Cu)			103		%		63-138	02-APR-07
Lead (Pb)			114		%		63-138	02-APR-07
Molybdenum (Mo)			108		%		63-138	02-APR-07
Nickel (Ni)			103		%		63-138	02-APR-07
Selenium (Se)			93		%		63-138	02-APR-07
Silver (Ag)			100		%		63-138	02-APR-07
Thallium (Tl)			103		%		63-138	02-APR-07
Vanadium (V)			94		%		63-138	02-APR-07
Zinc (Zn)			107		%		63-138	02-APR-07
Cadmium (Cd)			99		%		-	02-APR-07
Antimony (Sb)			115		%		63-138	02-APR-07
WG578230-4 DUP		WG578230-3						
Antimony (Sb)		1	2	J	mg/kg	0	4	02-APR-07
Arsenic (As)		2	2	J	mg/kg	0	4	02-APR-07
Barium (Ba)		16	16		mg/kg	2.8	26	02-APR-07
Beryllium (Be)		<0.5	<0.5	RPD-NA	mg/kg	N/A	26	02-APR-07
Cadmium (Cd)		<1	<1	RPD-NA	mg/kg	N/A	26	02-APR-07
Chromium (Cr)		6	6	J	mg/kg	0	4	02-APR-07
Cobalt (Co)		2	2	J	mg/kg	0	4	02-APR-07
Copper (Cu)		12	12		mg/kg	2.9	26	02-APR-07
Lead (Pb)		50	48		mg/kg	5.0	26	02-APR-07
Molybdenum (Mo)		<1	<1	RPD-NA	mg/kg	N/A	26	02-APR-07
Nickel (Ni)		4	4	J	mg/kg	0	4	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-R153-WT	Soil							
Batch R508830								
WG578230-4 DUP		WG578230-3						
Selenium (Se)		<1	<1	RPD-NA	mg/kg	N/A	26	02-APR-07
Silver (Ag)		<0.2	<0.2	RPD-NA	mg/kg	N/A	26	02-APR-07
Thallium (Tl)		<1	<1	RPD-NA	mg/kg	N/A	26	02-APR-07
Vanadium (V)		8	8	J	mg/kg	0	4	02-APR-07
Zinc (Zn)		44	43		mg/kg	3.4	26	02-APR-07
WG578230-2 LCS								
Arsenic (As)			105		%		63-138	02-APR-07
Barium (Ba)			108		%		63-138	02-APR-07
Beryllium (Be)			111		%		63-138	02-APR-07
Cadmium (Cd)			108		%		63-138	02-APR-07
Chromium (Cr)			117		%		63-138	02-APR-07
Cobalt (Co)			109		%		63-138	02-APR-07
Copper (Cu)			114		%		63-138	02-APR-07
Lead (Pb)			111		%		63-138	02-APR-07
Nickel (Ni)			110		%		63-138	02-APR-07
Selenium (Se)			102		%		63-138	02-APR-07
Thallium (Tl)			106		%		63-138	02-APR-07
Vanadium (V)			109		%		63-138	02-APR-07
Zinc (Zn)			105		%		63-138	02-APR-07
WG578230-1 MB								
Antimony (Sb)			<1		mg/kg		1	02-APR-07
Arsenic (As)			<1		mg/kg		1	02-APR-07
Barium (Ba)			<1		mg/kg		1	02-APR-07
Beryllium (Be)			<0.5		mg/kg		0.5	02-APR-07
Cadmium (Cd)			<1		mg/kg		1	02-APR-07
Chromium (Cr)			<1		mg/kg		1	02-APR-07
Cobalt (Co)			<1		mg/kg		1	02-APR-07
Copper (Cu)			<1		mg/kg		1	02-APR-07
Lead (Pb)			<1		mg/kg		1	02-APR-07
Molybdenum (Mo)			<1		mg/kg		1	02-APR-07
Nickel (Ni)			<1		mg/kg		1	02-APR-07
Selenium (Se)			<1		mg/kg		1	02-APR-07
Silver (Ag)			<0.2		mg/kg		0.2	02-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-R153-WT	Soil							
Batch R508830								
WG578230-1 MB								
Thallium (Tl)			<1		mg/kg		1	02-APR-07
Vanadium (V)			<1		mg/kg		1	02-APR-07
Zinc (Zn)			<1		mg/kg		1	02-APR-07
MOISTURE-WT	Soil							
Batch R508395								
WG577594-3 DUP		L491368-2						
% Moisture		13.2	10.8		%	20	26	30-MAR-07
WG577594-2 LCS								
% Moisture			96		%		79-120	30-MAR-07
WG577594-1 MB								
% Moisture			<0.5		%		0.5	30-MAR-07
PCB-WT	Soil							
Batch R509565								
WG578389-1 CVS								
Aroclor 1242			91		%		40-140	04-APR-07
Aroclor 1248			99		%		55-145	04-APR-07
Aroclor 1254			98		%		40-140	04-APR-07
Aroclor 1260			113		%		40-140	04-APR-07
Total PCBs			100		%		33-138	04-APR-07
WG577584-4 DUP		L491328-6						
Aroclor 1242		<0.01	<0.01	RPD-NA	mg/kg	N/A	50	04-APR-07
Aroclor 1248		<0.01	<0.01	RPD-NA	mg/kg	N/A	39	04-APR-07
Aroclor 1254		<0.01	<0.01	RPD-NA	mg/kg	N/A	50	04-APR-07
Aroclor 1260		<0.01	<0.01	RPD-NA	mg/kg	N/A	50	04-APR-07
Total PCBs		<0.04	<0.04	RPD-NA	mg/kg	N/A	50	04-APR-07
WG577584-2 LCS								
Aroclor 1242			100		%		62-115	04-APR-07
Aroclor 1248			98		%		55-145	04-APR-07
Aroclor 1254			104		%		58-116	04-APR-07
Aroclor 1260			115		%		56-133	04-APR-07
Total PCBs			104		%		25-175	04-APR-07
WG577584-3 LCSD		WG577584-2						
Aroclor 1242		100	99		%	0.61	45	04-APR-07
Aroclor 1248		98	98		%	0.0	45	04-APR-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PCB-WT	Soil							
Batch R509565								
WG577584-3 LCSD		WG577584-2						
Aroclor 1254		104	104		%	0.66	45	04-APR-07
Aroclor 1260		115	116		%	1.6	45	04-APR-07
Total PCBs		104	104		%	0.12	45	04-APR-07
WG577584-1 MB								
Aroclor 1242			<0.01		mg/kg		0.01	04-APR-07
Aroclor 1248			<0.01		mg/kg		0.01	04-APR-07
Aroclor 1254			<0.01		mg/kg		0.01	04-APR-07
Aroclor 1260			<0.01		mg/kg		0.01	04-APR-07
Total PCBs			<0.04		mg/kg		0.04	04-APR-07
PH-R153-WT	Soil							
Batch R508173								
WG577805-1 CVS								
pH			100		%		63-138	30-MAR-07
WG577805-2 DUP		L491163-1						
pH		8.30	8.29		pH units	0.12	26	30-MAR-07
WG577805-3 DUP		L491328-1						
pH		9.36	9.23		pH units	1.4	26	30-MAR-07
VOC-CCME-TABLE1-WT	Soil							
Batch R508570								
WG578187-1 CVS								
1,1,1,2-Tetrachloroethane			107		%		75-125	31-MAR-07
1,1,1-Trichloroethane			102		%		75-125	31-MAR-07
1,1,2,2-Tetrachloroethane			106		%		75-125	31-MAR-07
1,1,2-Trichloroethane			114		%		75-125	31-MAR-07
1,1-Dichloroethane			105		%		75-125	31-MAR-07
1,1-Dichloroethylene			89		%		75-125	31-MAR-07
1,2-Dichlorobenzene			101		%		75-125	31-MAR-07
1,2-Dichloroethane			117		%		75-125	31-MAR-07
1,2-Dichloropropane			105		%		75-125	31-MAR-07
1,3-Dichlorobenzene			100		%		75-125	31-MAR-07
1,4-Dichlorobenzene			97		%		75-125	31-MAR-07
2-Hexanone			118		%		75-125	31-MAR-07
Acetone			123		%		75-125	31-MAR-07
Benzene			105		%		75-125	31-MAR-07