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**SOIL AND GROUNDWATER SAMPLING
LAKESHORE BOULEVARD EAST
TORONTO, ONTARIO**

FINAL REPORT (Reissued)

Prepared for:

City of Toronto
Toronto, Ontario

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**THIS REPORT CONTAINS PROVISIONS LIMITING
LIABILITY, THE SCOPE OF THE REPORT AND THIRD
PARTY RELIANCE.**

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ADDENDUM

This report is being re-issued with the following corrections:

- a) Figure 4 has been corrected to clarify that soil samples A-5-2 and B-1-2 were collected from 15 to 30 cm below ground.
- b) Table 6 has been corrected to remove chromium (IV) results erroneously included as a data processing error and mercury RDLs (reportable detection limits) were corrected to lab certificate values.

1. INTRODUCTION

1.1 Background

Aqua Terre was retained by the City of Toronto (the City) to evaluate contaminated soil management along Lakeshore Boulevard East between the Don Roadway and Leslie Street (Figure 1). The contaminated soil was identified during the final stages of the dismantling of the F.G. Gardiner Expressway which was completed in May 2001.

The soil was present in two areas where the City wished to create public pathways (Figure 2):

- Area “A” – the north side of Lakeshore Boulevard East (from the north curb to the north limit of the road allowance) between the eastern edge of the Toronto Film Studios and the western curb of Leslie Street. This area is a long, narrow strip of land approximately 25 to 30 m wide by 500 m in length. The size of this area is approximately 1.5 ha (3.7 ac). This area is immediately adjacent to the former Canada Metal site.
- Area “B” – the road allowance for the former off-ramps from the Gardiner Expressway at the southeast corner of Leslie Street and Lakeshore Boulevard. This area is roughly “D” shaped and also has an approximate size of 1.5 ha (3.7 ac)

The City chose to manage these soils in-place by conducting a site specific risk assessment (SSRA) and implementing a long term risk management plan (RMP). The RMP included selective removal of soil, placing an engineered cap over remaining soil and conducting long term site inspection and monitoring. The RMP specified that the engineered cap should be at least 30 cm thick and should be constructed with “clean” soil meeting MOE Table B standards for coarse grained soil at parkland sites with non-potable groundwater (MOE 1997).

1.2 Scope of Work

- a) Review background documents pertaining to the contaminated soils

The City provided various documents related to the delineation of contaminated soils, preparation of the SSRA, development and implementation of the RMP and post construction monitoring. These reports were reviewed to assess whether proposed verification sampling of the engineered cap and underlying groundwater, as outlined below, was reasonable.

- b) Sample and analyze representative samples from the engineered cap placed over these soils

Twenty representative soil sampling locations were located along the length of Area "A" and ten representative locations within Area "B". Ten composite samples were collected from 0 to 15 cm below ground surface (bgs) and 30 composite samples from 15 to 30 cm bgs. Each were submitted for chemical analysis of Ontario Regulation (O.Reg.) 153/04 metals.

- c) Sample and analyze groundwater from accessible, existing monitoring wells

Existing monitoring wells installed by Shaheen & Peaker Limited (S&P, 2001) were inspected. Water samples were collected and submitted for chemical analysis of pH, O.Reg. 153/04 metals, petroleum hydrocarbon fractions (PHC F1 to F4), polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs).

- d) Prepare summary report -

- Collate and summarize field and analytical data,
- Compare soil analytical results to Table B for coarse soil on parkland with non-potable groundwater (MOE, 1997), compare groundwater analytical results to Table 3 for coarse soils on parkland with non-potable groundwater (MOE, 2004),
- Conclude if soil cover in each area meets requirement of at least 30 cm of acceptable soil, and
- Conclude whether groundwater quality is similar to previously reported (S&P, 2006).

Soil samples from 0 to 15 cm bgs were collected to verify that contaminated soils were not present at surface. Samples from 15 to 30 cm bgs were collected to verify that the engineered cap included at least 30 cm of acceptable quality soil.

2. OVERVIEW OF CONTAMINATED SOIL MANAGEMENT

2.1 Physical Setting

The Lakeshore Boulevard study area was originally part of a marshy area at the mouth of the Don River. It was reportedly filled in between 1914 and 1918 and slowly developed with industry over time. A former tannery (A.R. Clarke & Co. Ltd) and former lead smelter (Canada Metal Co.) are located immediately north of the area. Other large properties to the south of Lakeshore Boulevard have been used for bulk fuel storage and distribution (Shell Oil), concrete manufacturing (Dual Mix Concrete & Materials), a roofing manufacturer (Canroof Corporation), a Brewers Retail distribution centre and the Ashbridges Bay sewage treatment plant.

Based on various site investigations described below, the fill on site includes ash, cinders, glass, steel, plastic, paper, reinforced concrete, concrete and asphalt fragments, brick, railway ties, woods, roots, grass, peat and pockets of topsoil. The fill is underlain by native organic silt and peat.

2.2 Delineation of Contaminated Soil

- a) The dismantling of the Gardiner Expressway East was completed in May 2001, including construction of access ramps between the new end of the elevated expressway and Lakeshore Boulevard. The reconstruction of Lakeshore Boulevard from the Don Roadway to Leslie Street was completed in December 2001 except for the final components including a walkway, bicycle path, landscaping and public art.
- b) During project planning, geotechnical and limited geo-environmental testing was completed along Lakeshore Boulevard. The testing determined that petroleum hydrocarbon (PHC) contaminated soil was present in some locations at more than 1.5 m below ground surface (bgs) (Shaheen & Peaker Limited; S&P 1997, 2000).
- c) During the public consultation regarding final reconstruction along Lakeshore Boulevard, the South Riverdale Environmental Liaison Committee (SRELC) expressed concerns about the possibility of metal contamination on the north side of Lakeshore Boulevard adjacent to the former Canada Metals plant.

- d) Additional soil and groundwater investigations were completed to address these concerns (S&P, 2001). The results confirmed that metals (principally lead), petroleum hydrocarbon compounds (TPH); benzene, toluene, ethylbenzene and toluene (BTEX) and polyaromatic hydrocarbons (PAHs) were present in soils at concentrations greater than MOE Table B criteria for industrial land use for coarse grained soil at non-potable groundwater sites. Groundwater flow was southward towards Lake Ontario. Based on limited sampling, no exceedances of groundwater criteria were detected.

It was estimated that over 25,000 m³ of contaminated soil might be present in Area “A” and over 30,000 m³ of contaminated soil in Area “B” (S&P, 2002a).

- e) The City recognized that these areas could be addressed by either:
- removing contaminated soils according to generic MOE criteria, or by
 - managing these soils in place by preparing a SSRA and implementing a RMP.

2.3 Preparation of Site Specific Risk Assessment and Risk Management Plan

- a) In September 2001, the City authorized preparation of a SSRA and development of a RMP. The SSRA was conducted to identify potential chemicals of concerns, to determine potential exposure pathways and to assess potential risk to human and ecological health. The SSRA assumed that future land use would be considered industrial. The SSRA determined that inhalation, incidental ingestion and dermal contact with contaminated soils were of concern but could be prevented (S&P, 2002a).

The RMP determined what engineering and other measures were necessary to prevent human and ecological exposure to these soils. The RMP included selective removal of soil, engineered capping of the remaining soil with at least 30 cm of clean fill or topsoil, and long term inspection and monitoring (S&P, 2002a).

- b) On October 24, 2001, a preliminary SSRA and RMP were presented to the public and the Construction Monitoring Committee (CMC). The Committee felt that further consideration of the capping scheme was required. In response, the City agreed to evaluate other additional technologies according to technical feasibility, safety, socio-economic issues and cost. Based on the evaluation criteria, the City’s overall preferred option was still the proposed RMP (sited in City of Toronto, 2002a).

- c) The results of this evaluation were presented at a public meeting on December 11, 2001. At that meeting, a Soil Remediation Community Work Group (SRWG) was formed to review the evaluation and to provide the City with feedback.

The SRWG requested that Toronto Public Health review the remediation alternatives and the SSRA/RMP. The SRWG expressed interest for in-situ or on site remediation and viewed capping as only a short-term solution. These concerns were discussed with the City on February 13, 2002. The City responded that there was no proven technology to remediate lead contamination on site and that in-situ bioremediation was not technically feasible.

- d) The draft SSRA/RMP was completed after this consultation and was forwarded on March 8, 2002 for comment to a third party peer reviewer and to Toronto Public Health.

The City received comments from the peer review on March 28, 2002 and from Toronto Public Health on April 12, 2002. The SSRA document was reformatted and revised to address both sets of comments. On May 14, 2002, the peer reviewer and Toronto Public Health indicated that their comments had been addressed and the SSRA/RMP was generally acceptable. The revised SSRA/RMP was forwarded to the MOE for their review on May 21, 2002.

- e) On May 14, 2002, the SSRA/RMP was presented at a community meeting but the community felt that they required more time for review. The SSRA/RMP was discussed again at another community meeting on June 11, 2002. A range of opinions were provided by the public but no consensus was apparently reached. The majority at the meeting appeared to be interested in a community driven process to seek new technologies to remediate the area. In the interim, the majority favoured fencing off the contaminated area and posting explanatory signage.
- f) On June 12, 2002, the Works Committee prepared a staff report recommending proceeding with the SSRA/RMP (City of Toronto, 2002a). The report acknowledged that the MOE might require a considerable period of time to complete their final review. The MOE did not object to the City beginning work before they had completed their review, as long as the City understood that further conditions or requirements might arise from the MOE review. In keeping with public and MOE sentiment, the City proposed to construct the engineered cap with soil meeting MOE Table B quality guidelines for coarse grained soils for parkland use (MOE 1997). Both the City and MOE agreed that this solution was appropriate to prevent exposure and risk to human and ecological health.

g) City Council adopted this recommendation on August 1, 2002 along with additional requirements for signage (City of Toronto, 2002a). The final construction then proceeded with the work areas being completed and opened for public use in Summer 2003.

2.4 Implementation of the Risk Management Plan

a) The RMP included -

- excavation of surface soils to allow final capping of soils along the northern edge of the site (the latter effectively created a swale) and for tree planting along Lakeshore Boulevard ; excavated soils classified as hazardous wastes would be disposed off site
- regrading for landscape berms using fill meeting MOE Table B parkland criteria for coarse grained soil,
- placement of a porous geotextile membrane in localized areas including tree planting areas, on top of bermed areas and adjacent to sidewalks and walkways, and
- placement of at least 30 cm of clean fill or topsoil over the entire site except in hard surfaced areas such as bicycle paths and sidewalks.

The maximum recommended height of landscaping (including fill “clean” fill or topsoil) in Area “A” along Lakeshore Boulevard was one metre (S&P, 2002b). A greater height was allowed in Area “B” in the former Leslie Street ramp area. A minimum cover thickness of 30 to 50 cm was determined to be adequate for grass root growth and sufficient to prevent potential breaches for expected land use. A minimum depth of one metre was recommended for tree and shrub roots.

The RMP indicated that the City would be responsible for maintaining these areas. Additional health and safety provisions were included as well as notification of municipal workers and the public of any future works in these areas.

b) The City’s Environmentally Responsible Procurement Policy includes reuse of excavated soils as fill in roadways. Accordingly, some of the surplus fill from elsewhere along the dismantled expressway was relocated to Areas “A” and “B”. Both areas were additionally sampled in July 2002 to assess final soil management requirements (S&P, 2002 b,c,d) and final fill placed as follows:

- fill already in place and exceeding MOE Table B industrial criteria could remain in place, provided it was covered,

- fill exceeding MOE Table B parkland criteria and less than MOE Table B industrial criteria could be used for grading and berms, provided it was covered by at least 30 cm of clean fill or topsoil,
 - additional fill required for landscaping in Area “A” would meet MOE Table B parkland criteria, and
 - the thickness of cover material in the northern portion of Area “B” would be increased to 50 cm.
- c) An Addendum (S&P, 2002e) further adjusted fill placement in Area “B”:
- a change of land use in Area “B” to “unspecified” and removal from landscaping,
 - changes in grading and landscaping in Area “B”, and
 - allowing soil exceeding Table B industrial criteria to remain in place on site.
- d) The remedial works were completed between September 2002 and December 2002 with final landscaping in spring 2003 (S&P, 2004d). In Area “A”, fill was removed across the area (typically less than 1 metre thick) and covered with at least 0.3 m of clean fill or topsoil. In Area “B”, a narrow strip of fill (up to 0.3 m thick) was removed around the north and west perimeter and the entire area covered with at least 0.3 to 0.5 m of clean soil or topsoil.
- e) These tasks were conducted with a specific Health & Safety Plan, Dust Control Plan and other measures to protect, site workers, the general public and the environment. Detailed monitoring of soil disposal and imported fill was also undertaken (S&P, 2004d).

2.5 Post Remediation Inspection and Monitoring

- a) A Remediation Summary Report was prepared in November 2004 (S&P, 2004d). The report outlined the remediation objectives, remediation activities, confirmatory sampling, site restoration, and final conclusions. It described general requirements of the RMP, documented the quantities of soil removed for off site disposal, confirmed placement of a surficial cover that met MOE Table B parkland criteria and confirmed adherence to a Health and Safety Plan, Dust Control Plan and waste transport regulations. Typical cross sections for construction of the engineered cap are shown in Figure 3.

- b) The RMP also included post remediation inspection and monitoring to confirm that a minimum 30 cm thick layer of clean soil cover or pavement was maintained over contaminated soils on site.
- c) Site inspections were conducted in October 2003, May 2004, November 2004, May 2005, November 2005, June 2006 and November 2006 (S&P, 2004a, 2004b, 2004e, 2005b, 2006a, 2006b, 2006d). In general, no significant concerns were observed.

In 2006, a new sidewalk, bicycle path and light standards were constructed along the western edge of Area “B” and localized disturbance of the soil cover and geotextile were observed. This work was reportedly conducted in consideration of the environmental as well as worker health and safety protocols that were followed during original construction.

- d) Groundwater monitoring was conducted in May 2004, May 2005 and May 2006 (S&P, 2004c, 2005a, 2006c). The RMP proposed that water levels and water quality sampling be conducted quarterly for four consecutive rounds and then reduced, if warranted, if groundwater chemistry was stable or declining.

Water samples were analyzed for pH, metals, TPH, volatile organic compounds (VOCs) and PAHs. These results were compared to MOE Table 3 industrial standards for coarse grained soils with non-potable groundwater (MOE 2004). The RMP was developed using groundwater quality criteria from the 1996 Guideline for Use at Contaminated Sites in Ontario (MOE 1996). The 2004 Standards and 1996 Guideline have similar concentrations for many parameters. However, the analytical methodology for total petroleum hydrocarbon (TPH) and petroleum hydrocarbons (PHC) are different and reported analyses can not be compared directly. Overall, the results from each sampling round were similar except for TPH and PHC. In May, 2006, metal, TPH, VOC and PAH had trace to minor concentrations and were well below the selected MOE Table 3 standards.

3. WORK PLAN AND METHODOLOGY

To assess current soil and groundwater conditions, Aqua Terre, in conjunction with the City of Toronto, developed a work program which included the following tasks:

- Task 1: Utilities Clearance and Site Survey
- Task 2: Borehole Drilling and Soil Sampling
- Task 3: Site Monitoring and Groundwater Sampling

Utility clearances were completed prior to drilling. Borehole drilling and soil sampling were conducted between December 18 and 22, 2008. Accessible wells were monitored, purged and sampled on January 19, 2009. These tasks were conducted in accordance with Ontario Regulation 153/04 (O.Reg. 153/04).

Task 1 – Utilities Clearance and Site Survey

Prior to drilling, public utilities in the work area were cleared by various public and private utility companies. OnSite Locates of Whitby, Ontario, a private utility locating company, was contracted by Aqua Terre to mark and clear all private utilities and to confirm the locations of public utilities. The City of Toronto conducted a total stations survey of borehole locations and property boundaries.

Task 2 - Borehole Drilling and Soil Sampling

Boreholes were drilled by Strata Soil Inc. (Geo) of Richmond Hill, Ontario under the direction of Aqua Terre personnel. Drilling was conducted using a track-mounted Geoprobe direct push soil sampling system, equipped for continuous 0.05 m diameter soil core sample recovery. Drilling was conducted on December 18 and 22, 2008. Soil samples were collected from boreholes using 0.05 m inside diameter (I.D.) 1.52 m long direct push core samplers. General photographs of drilling equipment and soil cores are included in Appendix A.

Boreholes were completed at a total of 20 locations in Area “A” (BH-A1 to BH-A20) and at 10 locations (BH-B1 to BH-B10) in Area “B” (Figure 3). Soil samples in Area “A” were collected

at approximately 20 to 22 m intervals along the length of this area. Soil samples in Area “B” were collected on a regular grid.

At each location:

- Three individual boreholes were completed at each location (within approximately 1 m)
- Each borehole was completed to 30 cm below ground surface
- Recovered soil samples were subdivided into one subsample from 0 to 15 cm below ground surface (bgs) and one subsample from 15 to 30 cm bgs
- Subsamples from 0 to 15 cm bgs at each location were mixed to prepare one composite sample. Subsamples from 15 to 30 cm at each location were composited separately.

Each composite was then described in field notes and a portion retained for possible laboratory analysis was bottled in laboratory-supplied sampling containers and placed in a cooler with ice. Samples were inspected and logged for soil type, moisture, colour, structure, texture and visual evidence of impact.

The composite samples from 0 to 15 cm bgs from locations BH-A1-1, BH-A4-1, BH-7A-1, BH-A10-1, BH-A13-1, BH-A16-1BH-19A-1, BH-B1-1, BH-B6-1bBH-B8-1 and BH-B9-1 were submitted to Maxxam Analytics Inc. (Maxxam) of Mississauga, Ontario for laboratory analysis of O. Reg. 153/04 metals (“short list”). The composite samples from 15 to 30 cm bgs at selected locations (BH-A1 -2 to BHA20-2 and BH-B1-2 to BH-B10-2) were submitted for the same analyses. Samples selected for analysis were stored in coolers containing ice and delivered under chain of custody to Maxxam by courier.

As a quality assurance/quality control (QA/QC) measure, three (1) field duplicate soil samples were analyzed from Area “A” and one field duplicate from Area “B”. These include BH-A102-2 as a duplicate of BH-A12-2, BH-A105-2 as a duplicate of BH-A15-2, BH-109-1 as a duplicate of BHA19-1 and BH-B30-2 as a duplicate of BH-B3-2.

Four soil samples (BH-A2-1, BH-A18-1, BH-B2-1 and BH-B10-2) were submitted for pH and grain size distribution analysis.

Task 3 - Site Monitoring and Groundwater Sampling

Monitoring and groundwater sampling of accessible existing monitoring wells were performed on January 19, 2009. Water levels in the monitoring wells were measured relative to the top of

riser pipe using a Heron Instruments interface probe. Wells were also examined for the presence of light non-aqueous phase liquid (LNAPL) using the interface probe and a clear bailer.

The monitoring wells were equipped with dedicated sampling equipment including low density polyethylene (LDPE) tubing and inertial foot valves. To remove stagnant groundwater prior to sampling, monitoring wells were purged dry three times.

Samples were collected using field following protocols designed to minimize the loss of volatile constituents and using laboratory supplied sampling containers. Groundwater samples submitted for analysis of metals were filtered using an in-line 0.45 micron filter and preserved. Samples were placed in coolers containing ice and delivered under chain of custody to Maxxam by courier or by Aqua Terre personnel.

Groundwater samples from monitoring wells BH602, BH603, BH604, BH605, BH704 and BH706 were submitted for laboratory analysis of O.Reg. 153/04 metals, PHC F1-F4, PAHs, and VOCs (including benzene, toluene, ethylbenzene and xylenes, BTEX).

Existing monitoring wells BH700, BH702, BH704, BH705 and BH707 could not be located or sampled at this time as they were inaccessible due to severe ice and snow cover.

As a quality assurance/quality control (QA/QC) measure, field duplicate samples from monitoring well MW-603 (identified as MW-6033) and from MW-605 (identified as MW-6055) were submitted for analysis of the same parameters. One (1) trip blank sample supplied by the laboratory (identified as Trip Blank) was also submitted for analysis of VOCs.

4. RESULTS AND DISCUSSION

4.1 Selection of Site Condition Standards

The engineering specifications for the engineered cap required that the cap be at least 30 cm thick and be constructed with “clean” soil meeting originally proposed criteria - Table B guidelines for coarse grained soil at parkland sites with non- potable groundwater (MOE 1997). These are comparable to current MOE Table 3 standards (MOE 2004).

The risk assessment was developed using groundwater quality criteria from the Ministry of Environment (MOE) “Guideline for Use at Contaminated Sites in Ontario” (MOE 1997). This has been replaced by the “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act” (MOE 2004). The 1997 Guideline and 2004 Standards have the same or similar concentrations for parameters of interest in the study area. The analytical methodology for total petroleum hydrocarbon (TPH) and petroleum hydrocarbons (PHC), however, are different and reported analyses can not be compared directly. Groundwater quality in the present report is compared to MOE Table 3 for parkland sites with coarse grained soils underlain by non-potable groundwater (MOE 2004).

4.2 Soil Quality

Soil samples in Area “A” were collected from 20 locations. Seven shallow samples were collected from 0 to 15 cm bgs and 20 deeper samples from 15 to 30 cm bgs. Soil samples in Area “B” were collected from 10 locations including four shallow samples and 10 deeper samples. Samples were analyzed for O.Reg. 153/04 metals (“short list”). Selected samples were also analyzed for pH and grain size to confirm that MOE standards could be suitably applied. Analytical results are summarized in Tables 1 to 4. Laboratory Certificates of Analysis are included in Appendix B.

Analytical results for the laboratory and field duplicate soil samples showed good correlation with their corresponding analytical pairs. These include BH-A102-2 as a duplicate of BH-A12-2, BH-A105-2 as a duplicate of BH-A15-2, BH-109-1 as a duplicate of BHA19-1 and BH-B30-2 as a duplicate of BH-B3-2. Results of QA/QC analyses suggest that field sampling/handling and laboratory analytical protocols were acceptable.

The results indicate that:

- all shallow samples from 0 to 15 cm bgs met required criteria and current MOE standards
- 28 of 30 deeper samples from 15 to 30 cm met required criteria and current MOE standards

The two deeper soil samples that exceeded required criteria had lead concentrations of 210 ug/g compared to the required criteria of 200 ug/g. Other analyzed metal parameters were less than required criteria. One sample (BH-A5-2) was located in Area "A" approximately 100 m west of Leslie Street (Figure 4). The other sample was located in the southwest portion of Area "B" approximately 25 m east of Leslie Street (Figure 4).

Based on the sampling results discussed above, it appears that the engineered cap generally meets the specified 30 cm thickness and the specified soil quality criteria (Table B, MOE 1997). Soil quality also meets MOE Table 3 standards at parkland sites with coarse soil (MOE 2004). In two localized areas, the cap is potentially less than the specified thickness. At these locations, the upper 15 cm of cap meets specified soil quality and the lower 15 cm marginally exceeds these specifications.

Based on the sampling results discussed above, the public are not at risk from underlying soil.

4.3 Groundwater Quality

Groundwater monitoring was previously conducted in May 2004, May 2005 and May 2006 (S&P, 2004c, 2005a, and 2006c). On those occasions, water samples were analyzed for pH, metals, PHC F1 to F4, PAHs and VOCs.

On January 19, 2009, Aqua Terre monitored and sampled accessible monitoring wells to evaluate current shallow groundwater quality. Four wells were sampled in Area "A" (BH602, BH603, BH604 and BH705) and two wells in Area "B" (BH605 and BH706). It was not possible to sample all previously installed groundwater monitoring wells since several wells were buried by snow.

Groundwater samples were analyzed for the same parameters analyzed in the 2006 sampling. Water level monitoring data are summarized in Table 5. Analytical results are summarized in Tables 6 to 8 along with previous analytical results from S&P (2004c, 2005a, and 2006c). These results are compared to MOE Table 3 standards for parkland sites with coarse soil. Laboratory Certificates of Analysis are included in Appendix C.

Analytical results for the laboratory and field duplicate groundwater samples showed good correlation with their corresponding analytical pairs. These include BH6033 as a duplicate of BH603 and BH6055 as a duplicate of BH605. The Trip Blank did not include detectable parameter concentrations. Results of QA/QC analyses suggest that field sampling/handling and laboratory analytical protocols were acceptable.

The concentrations of analyzed parameters in 2009 are less than the MOE Table 3 standards for parkland sites with coarse soil, except for selected PAHs. These parameters are derived from “tarry” materials and generally have limited environmental mobility. In this circumstance, it is likely that the PAHs concentrations are related to sediment entrained during sampling rather than actual dissolved constituents. Except as noted, current groundwater quality is similar to previous years.

Based on the sampling results discussed above, the public are not at risk from underlying groundwater.

5. RECOMMENDATIONS

The following are recommended for short term action and perpetual care:

Short Term

- 1) A visual inspection of the engineered cap should be conducted in Summer 2009. Observations at that time, along with the results of the soil sampling discussed above, should be used to determine if any repairs to the cap are necessary. These improvements may include additional soil cover in disturbed areas or in the localized areas where the quality of the full thickness of the cap does not meet required standards.
- 2) The existing monitoring wells that were inaccessible (due to ice and snow) should be located and sampled in Summer 2009.

Perpetual Care

- 1) Annual cap inspections should be completed by the City and repairs to the cap completed as necessary. Documentation of inspection and any repair should be recorded and kept on file.
- 2) Long term groundwater sampling is not required if the final results of the current sampling and short term sampling are similar to 2006 results.

6. DISCLAIMER

The statements made in this report are based solely on the information obtained to date as part of the above referenced study. Aqua Terre Solutions Inc. (Aqua Terre) has used its professional judgement in assessing this information and formulating its opinion and recommendations. New information may result in a change in this opinion. The mandate at Aqua Terre is to perform the tasks prescribed by the Client with the due diligence of the profession. No other warranty or representation, expressed or implied, as to the accuracy of the information or recommendations is included or intended in this report. The results of this study should in no way be construed as a warranty that the subject property is free from any and all contamination.

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Respectfully submitted,
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7. REFERENCES

City of Toronto Reports

- 1) City of Toronto, June 2002a. F.G. Gardiner Expressway Dismantling Project from the Donway Roadway to Leslie Street – Update on Project Status – Site Specific Risk assessment (SSRA) and Interim Options for Remediation of Contaminated Soils (Ward 30). Toronto Staff report from Mr. B. H. Gutteridge, Commissioner of Works and Emergency Services to Works Committee, dated June 10, 2002.
- 2) City of Toronto, August 2002b. F.G. Gardiner Expressway Dismantling Project from the Donway Roadway to Leslie Street – Update on Project Status – Site Specific Risk assessment (SSRA) and Interim Options for Remediation of Contaminated Soils (Ward 30). Clause embodied in Report No. 9 of the Works Committee, as adopted by the Council of the City of Toronto at its Special Meeting held on July 30, 31 and August 1, 2002.
- 3) City of Toronto, 2004. Site Specific Risk assessment, Gardiner Expressway Dismantling and Lakeshore Boulevard East Reconstruction at Leslie Street. MOE SDB Reference Number EA 708-02. Letter from K.P. Llewellyn-Thomas, Director, Development Engineering, Toronto Works & Emergency Services to C. Dugas, MOE, Central Region, Toronto District Office, dated February 17, 2004.

Soil & Groundwater Quality Assessment

- 4) Shaheen & Peaker (S&P), 2001. Soil & Groundwater Quality Assessment: Gardiner Expressway Dismantling, Toronto, ON. Prepared for the City of Toronto c/o URS, dated August 22, 2001.

Site-Specific Risk Assessment

- 5) S&P, 2002a. Report for Submission to Ontario Ministry of Environment & Energy, Site-Specific Risk Assessment, Gardiner Expressway Dismantling and Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, Ontario. Prepared for the City of Toronto c/o URS, dated May 14, 2002.
- 6) S&P, 2002e. Addendum Report, Site Specific Risk assessment, Gardiner Expressway Dismantling and Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, Ontario. Prepared for the City of Toronto c/o URS, dated December 9, 2002.

Waste Characterization Assessment/Preconstruction Soil Testing/Risk Management Plan Implementation

- 7) S&P, 2002b. Imported Fill Quality Testing, Implementation of Risk Management Plan, Lakeshore Boulevard East at Leslie Street, Toronto, Ontario. Prepared the City of Toronto c/o URS, dated August 12, 2002. Excerpts included in S&P, 2002e.
- 8) S&P, 2002c. Waste Characterization Assessment (Area A) Pre-Construction Soil Testing, Risk Management Plan Implementation, Lakeshore Boulevard East at Leslie Street, Toronto, Ontario. Prepared the City of Toronto c/o URS, dated August 12, 2002.
- 9) S&P, 2002d. Waste Characterization Assessment (Area B) Pre-Construction Soil Testing, Risk Management Plan Implementation, Lakeshore Boulevard East at Leslie Street, Toronto, Ontario. Prepared the City of Toronto c/o URS, dated October 10, 2002. Excerpts included in S&P, 2002c.

Remediation Summary Report: Implementation of Risk Management Plan

- 10) S&P, 2004d. Remediation Summary Report: Implementation of Risk Management Plan, Lakeshore Boulevard East at Leslie Street, Toronto, ON. Prepared for The City of Toronto c/o URS, dated November 29, 2004.

Ministry of Environment Guidance and Regulations

- 11) Ministry of Environment and Energy, 1997. Guideline for Use at Contaminated Sites in Ontario.
- 12) Ministry of Environment (MOE), 2002. SSRA Lakeshore Blvd East Reconstruction (at Leslie Street) Toronto By Shaheen & Peaker Ltd, Dated May 14, 2002. Memorandum from Mark Turner, Standards Development Branch to Kim Lendvay, Toronto District Office, dated October 8, 2002.
- 13) MOE, 2003. Addendum Report, Site Specific Risk Assessment, Gardiner Expressway Dismantling & Lakeshore Blvd E. Reconstruction, Shaheen & Peaker Ltd., December 9, 2002. Memorandum from Mark Turner, Standards Development Branch to Kim Lendvay, Toronto District Office, dated February 27, 2003.
- 14) MOE, 2004. Soil, Groundwater and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act". March 9, 2004.

Cover Integrity Inspections

- 15) S&P, 2004a. Cover Integrity Inspection - October 2003, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Fax from Shaheen & Peaker to City of Toronto, dated March 9, 2004.

- 16) S&P, 2004b. Cover Integrity Inspection - May 2004, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Fax from Shaheen & Peaker to City of Toronto, dated June 9, 2004.
- 17) S&P, 2004e. Cover Integrity Inspection - November 2004, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Fax from Shaheen & Peaker to City of Toronto, dated November 30, 2004.
- 18) S&P, 2005b. Cover Integrity Inspection - May 2005, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Letter from Shaheen & Peaker to City of Toronto, dated June 22, 2005
- 19) S&P, 2006a. Cover Integrity Inspection - November 2005, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Letter from Shaheen & Peaker to City of Toronto, dated February 17, 2006.
- 20) S&P, 2006b. Cover Integrity Inspection - June 2006, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Letter from Shaheen & Peaker to City of Toronto, dated June 30, 2006.
- 21) S&P, 2006d. Cover Integrity Inspection - November 2006, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Letter from Shaheen & Peaker to City of Toronto, dated December 31, 2006.

Groundwater Monitoring Programs

- 22) S&P, 2004c. Groundwater Monitoring Program - May 2004: Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON, Ontario Gardiner Expressway Dismantling. Prepared for the City of Toronto, dated June 15, 2004.
- 23) S&P, 2005a. Groundwater Monitoring Program - May 2005: Gardiner Expressway Dismantling, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Prepared for City of Toronto, dated June 20, 2005.
- 24) S&P, 2006c. Groundwater Monitoring Program - June 2006: Gardiner Expressway Dismantling, Lakeshore Boulevard East Reconstruction at Leslie Street, Toronto, ON. Prepared for the City of Toronto, dated June 30, 2006.

FIGURES

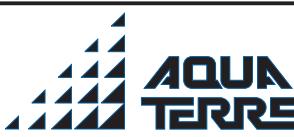
FIGURES

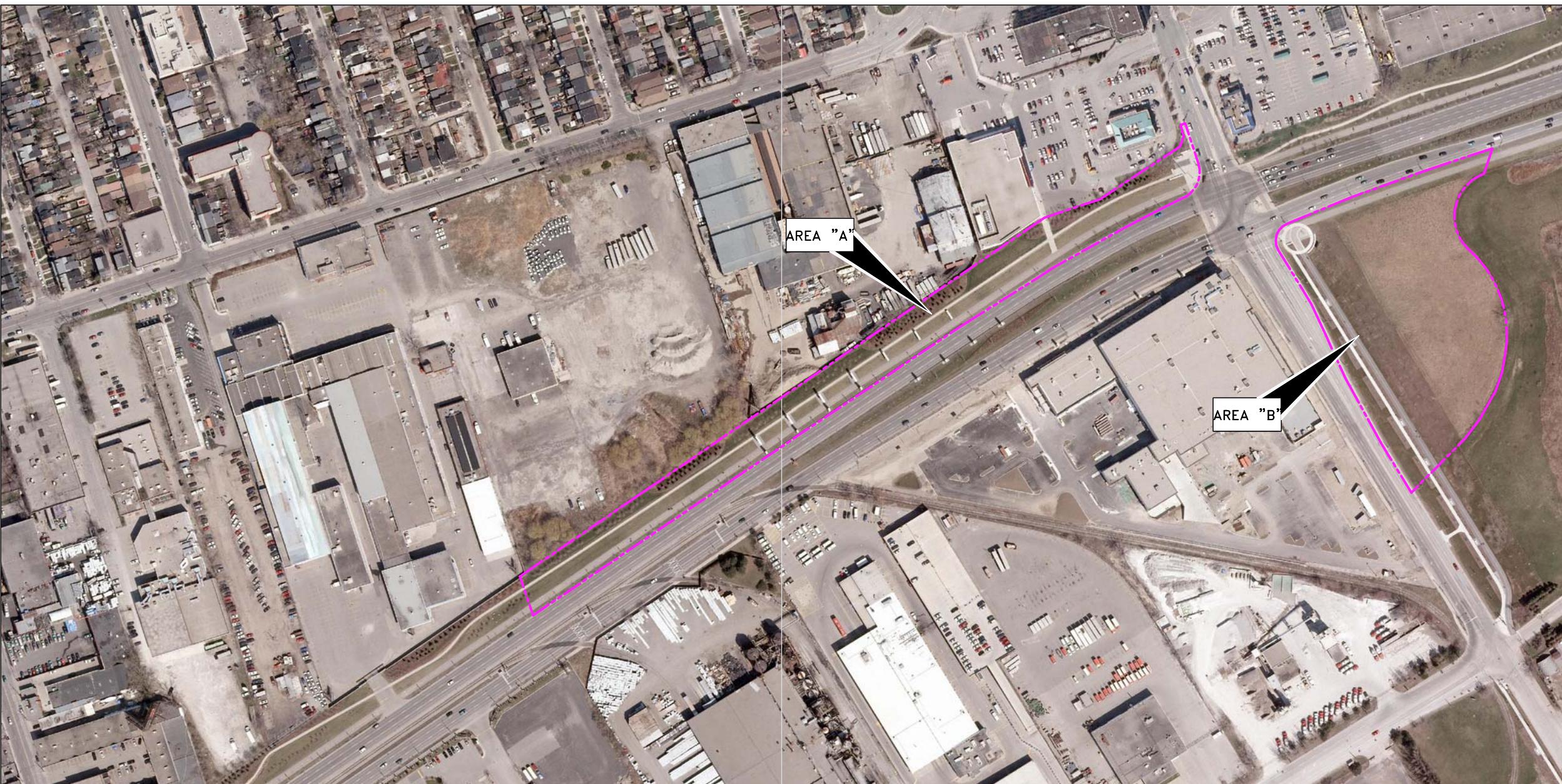
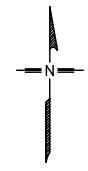


SOURCE: SCHWERDT GRAPHIC ARTS LTD., (MapArt), 2007 EDITION

SCALE 1:25,000

0 0.5 1km

	Client/Location: CITY OF TORONTO LAKESHORE BOULEVARD EAST TORONTO, ON		Title: SITE LOCATION PLAN	
	Project No: 08729A	Filename: 01F01_08729A	Date: APRIL 2009	Dwg No: FIGURE 1
	Drawn: FD	Verified: Project Manager:		

**SOURCE(S):**

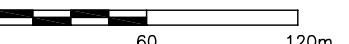
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2. AREA "B" : CITY OF TORONTO, TECHNICAL SERVICES, TOPOGRAPHIC PLAN OF SURVEY OF PART OF BLOCK 1 AND RO REGISTERED PLAN 520 E AND PART OF LESLIE STREET REGISTERED PLAN 650 E CITY OF TORONTO, JOB#2008-0930, MARCH 6, 2009
3. FIRST BASE SOLUTIONS, BASE AIR PHOTOGRAPH, 2007

LEGEND

APPROXIMATE EXTENT OF
ENGINEERED SOIL COVER

- NOTE(S):**
1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED OR FAXED
 3. "m" : METRES

SCALE 1:3000

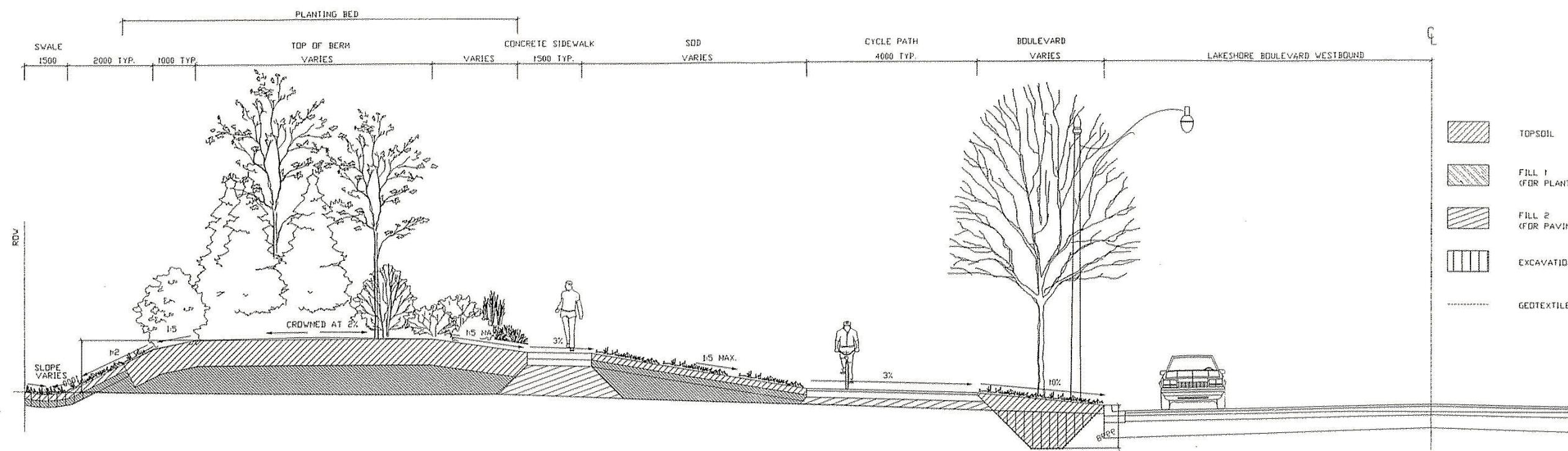


Client/Location:
**CITY OF TORONTO
LAKESHORE BOULEVARD EAST
TORONTO, ON**

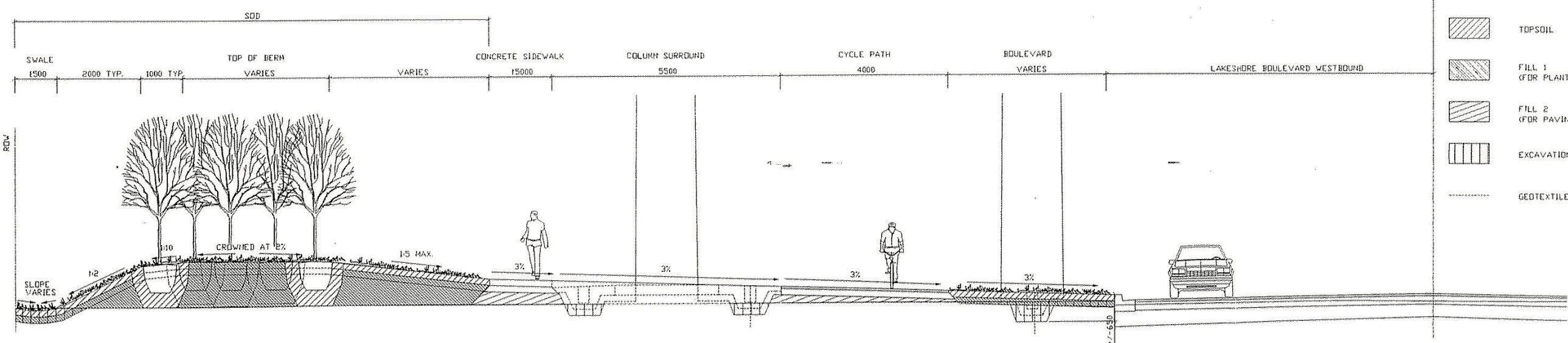
Title:
**SITE
FEATURES**

Project No: 08729A | File: 01F02_08729A | Date: APRIL 2009
Drawn: FD | Verified: | Project Manager:

Dwg No: FIGURE 2



01 LAKESHORE BOULEVARD CH 16+420
S-004 SCALE=1:50



02 LAKESHORE BOULEVARD CH 16+690
S-004 SCALE=1:50

NOTE(S):
1. THIS FIGURE IS NOT TO SCALE

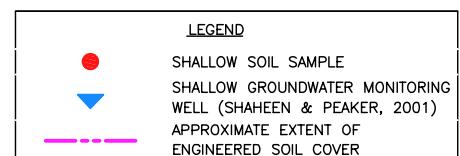
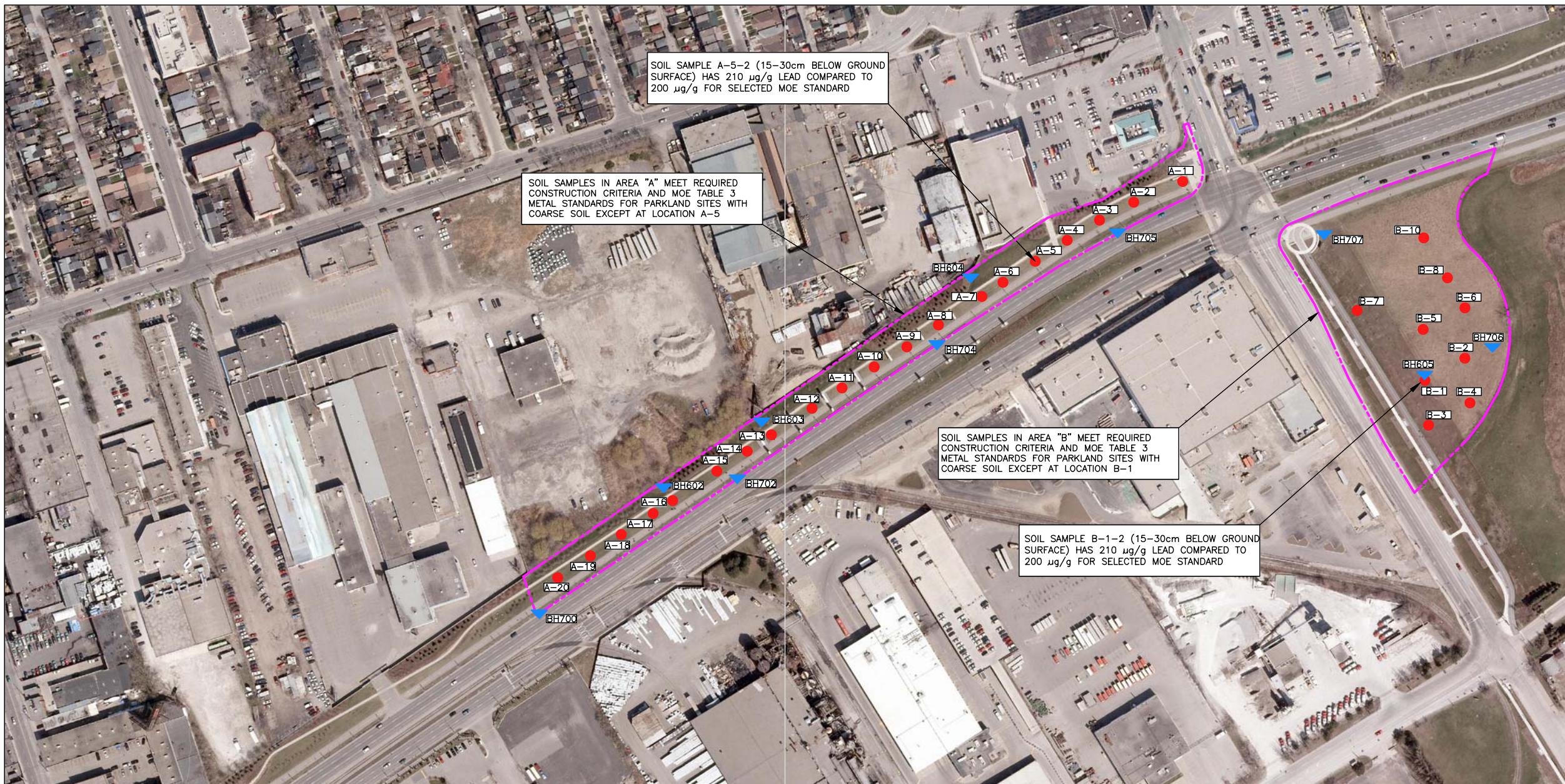
NOTE(S):
1. LANDSCAPE DESIGN DRAWINGS PREPARED BY
DUOTIT ALLSOPP HILLIER, EXCERPT FROM
REMEDIATION SUMMARY REPORT (SHAHEEN &
PEAKER, 2004)



Client/Location:
CITY OF TORONTO
LAKESHORE BOULEVARD EAST
TORONTO, ON

Title:
TYPICAL CROSS SECTION FOR
CONSTRUCTION OF ENGINEERED SOIL CAP
ALONG LAKESHORE BOULEVARD EAST

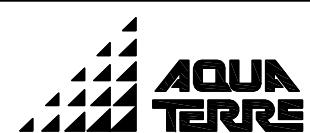
Project No:	08729A	Filename:	01F03_08729A	Date:	APRIL 2009
Drawn:	FD	Verified:		Project Manager:	FIGURE 3



SCALE 1:3000
0 60 120m

NOTE(S):

1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE
2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED OR FAXED
3. "m" : METRES
4. SAMPLE/WELL LOCATIONS SURVEYED BY CITY OF TORONTO IN DECEMBER 2008



Client/Location: CITY OF TORONTO LAKESHORE BOULEVARD EAST TORONTO, ON	Title: ENVIRONMENTAL SAMPLING LOCATIONS
Project No: 08729A Drawn: FD	File: 01F04_08729A Verified:
Date: APRIL 2009	Dwg No: FIGURE 4

TABLES

TABLE 1 SOIL ANALYTICAL RESULTS
Regulation 153/04 Metals - AREA "A"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-A1-1	BH-A1-2	BH-A2-2	BH-A3-2	BH-A4-1	BH-A4-2	BH-A5-2	BH-A6-2
	<i>Sampling Date</i>	na	na	na	18-Dec-08							
	<i>Borehole No.</i>	na	na	na	<i>BH-A1</i>	<i>BH-A1</i>	<i>BH-A2</i>	<i>BH-A3</i>	<i>BH-A4</i>	<i>BH-A4</i>	<i>BH-A5</i>	<i>BH-A6</i>
	<i>Sample Depth</i>	na	m bgs	na	0-0.15	0.15-0.30	0.15-0.30	0.15-0.30	0-0.15	0.15-0.30	0.15-0.30	0.15-0.30
Antimony		0.2	µg/g	13	0.3	0.2	0.8	0.8	<	<	5.6	1.2
Arsenic		1	µg/g	20	2	2	4	3	3	3	4	3
Barium		0.5	µg/g	750	72	31	70	58	68	64	23	64
Beryllium		0.2	µg/g	1.2	0.4	<	0.4	0.4	0.5	0.5	<	0.5
Cadmium		0.1	µg/g	12	0.2	0.1	0.4	0.5	0.3	0.2	0.4	0.3
Chromium (total)		1	µg/g	750	14	9	19	17	14	14	14	16
Cobalt		0.1	µg/g	40	4.5	2	6.3	5.3	5.6	5.5	2.5	5
Copper		0.5	µg/g	225	12	7.5	28	27	11	12	24	17
Lead		1	µg/g	200	24	23	100	80	13	19	210	70
Molybdenum		0.5	µg/g	40	<	<	0.7	0.8	<	<	<	0.7
Nickel		0.5	µg/g	150	9.3	4.5	19	15	11	12	6.6	11
Selenium		0.5	µg/g	10	<	0.8	0.9	<	<	<	0.6	<
Silver		0.2	µg/g	20	<	<	<	<	<	<	<	<
Thallium		0.05	µg/g	4.1	0.07	<	0.1	0.08	0.08	0.08	0.05	0.08
Vanadium		5	µg/g	200	25	18	29	26	29	30	18	28
Zinc		5	µg/g	600	54	43	91	97	40	43	86	66

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 1 SOIL ANALYTICAL RESULTS
Regulation 153/04 Metals - AREA "A"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-A7-1	BH-A7-2	BH-A8-2	BH-A9-2	BH-A10-1	BH-A10-2	BH-A11-2	BH-A12-2
	<i>Sampling Date</i>	na	na	na	18-Dec-08	18-Dec-08	18-Dec-08	18-Dec-08	18-Dec-08	18-Dec-08	18-Dec-08	22-Dec-08
	<i>Borehole No.</i>	na	na	na	<i>BH-A7</i>	<i>BH-A7</i>	<i>BH-A8</i>	<i>BH-A9</i>	<i>BH-A10</i>	<i>BH-A10</i>	<i>BH-A11</i>	<i>BH-A12</i>
	<i>Sample Depth</i>	na	m bgs	na	0-0.15	0.15-0.30	0.15-0.30	0.15-0.30	0-0.15	0.15-0.30	0.15-0.30	0.15-0.30
Antimony		0.2	µg/g	13	<	<	0.2	0.3	0.2	<	<	<
Arsenic		1	µg/g	20	2	3	4	3	3	7	2	
Barium		0.5	µg/g	750	60	65	54	53	87	45	26	52
Beryllium		0.2	µg/g	1.2	0.3	0.5	0.6	0.3	0.7	<	<	0.4
Cadmium		0.1	µg/g	12	0.2	0.3	0.2	0.2	0.3	0.1	<	0.2
Chromium (total)		1	µg/g	750	13	15	16	15	22	12	9	13
Cobalt		0.1	µg/g	40	4.8	6.1	7.5	5.9	8.7	4.9	2.4	5.9
Copper		0.5	µg/g	225	9.8	12	17	17	20	12	8.2	12
Lead		1	µg/g	200	11	13	20	28	21	17	17	15
Molybdenum		0.5	µg/g	40	<	<	<	<	0.5	<	<	<
Nickel		0.5	µg/g	150	9.1	11	14	12	17	9.4	5	11
Selenium		0.5	µg/g	10	<	<	<	<	0.5	<	<	<
Silver		0.2	µg/g	20	<	<	<	<	<	<	<	<
Thallium		0.05	µg/g	4.1	0.08	0.09	0.08	0.07	0.14	0.06	<	0.09
Vanadium		5	µg/g	200	27	27	27	20	33	22	17	23
Zinc		5	µg/g	600	36	43	49	65	57	38	30	40

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 1 SOIL ANALYTICAL RESULTS
Regulation 153/04 Metals - AREA "A"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-A102-2 Field Duplicate of BH-A12-2	BH-A13-1	BH-A13-2	BH-A14-2	BH-A15-2	BH-A105-2 Field Duplicate of BH-A15-2	BH-A16-1	BH-A16-2
	<i>Sampling Date</i>	na	na	na	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08
	<i>Borehole No.</i>	na	na	na	<i>BH-A12</i>	<i>BH-A13</i>	<i>BH-A13</i>	<i>BH-A14</i>	<i>BH-A15</i>	<i>BH-A105</i>	<i>BH-A16</i>	<i>BH-A16</i>
	<i>Sample Depth</i>	na	m bgs	na	<i>0.15-0.30</i>	<i>0-0.15</i>	<i>0.15-0.30</i>	<i>0.15-0.30</i>	<i>0.15-0.30</i>	<i>0.15-0.30</i>	<i>0-0.15</i>	<i>0.15-0.30</i>
Antimony		0.2	µg/g	13	<	<	<	<	<	<	<	<
Arsenic		1	µg/g	20	3	3	2	3	2	2	2	2
Barium		0.5	µg/g	750	51	68	75	69	68	57	41	53
Beryllium		0.2	µg/g	1.2	0.5	0.6	0.5	0.4	0.5	0.5	0.4	0.4
Cadmium		0.1	µg/g	12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Chromium (total)		1	µg/g	750	12	16	16	15	14	14	9	12
Cobalt		0.1	µg/g	40	5.9	7.6	7.7	6.8	7.1	5.6	3.8	5.1
Copper		0.5	µg/g	225	13	15	14	14	13	11	8.4	9.4
Lead		1	µg/g	200	15	15	14	13	14	11	9	10
Molybdenum		0.5	µg/g	40	<	<	<	<	<	<	<	<
Nickel		0.5	µg/g	150	11	13	13	12	12	10	7	9.6
Selenium		0.5	µg/g	10	<	<	<	<	0.5	<	<	<
Silver		0.2	µg/g	20	<	<	<	<	<	<	<	<
Thallium		0.05	µg/g	4.1	0.08	0.09	0.11	0.09	0.09	0.09	<	0.08
Vanadium		5	µg/g	200	28	31	28	30	24	27	19	23
Zinc		5	µg/g	600	37	44	47	41	40	38	27	36

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 1 SOIL ANALYTICAL RESULTS
Regulation 153/04 Metals - AREA "A"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-A17-2	BH-A18-2	BH-A19-1	BH-A109-1 Field Duplicate of BH-A19-1	BH-A19-2	BH-A20-2
	<i>Sampling Date</i>	na	na	na	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08
	<i>Borehole No.</i>	na	na	na	<i>BH-A17</i>	<i>BH-A18</i>	<i>BH-A19</i>	<i>BH-A19</i>	<i>BH-A19</i>	<i>BH-A20</i>
	<i>Sample Depth</i>	na	m bgs	na	<i>0.15-0.30</i>	<i>0.15-0.30</i>	<i>0-0.15</i>	<i>0-0.15</i>	<i>0.15-0.30</i>	<i>0.15-0.30</i>
Antimony		0.2	µg/g	13	<	<	<	<	<	<
Arsenic		1	µg/g	20	4	2	2	2	2	2
Barium		0.5	µg/g	750	53	49	50	50	52	44
Beryllium		0.2	µg/g	1.2	0.4	0.3	0.3	0.4	0.4	0.4
Cadmium		0.1	µg/g	12	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (total)		1	µg/g	750	14	11	12	11	13	10
Cobalt		0.1	µg/g	40	6.5	4.6	4.6	4.5	4.7	3.9
Copper		0.5	µg/g	225	14	9.6	9.2	9.5	9	9
Lead		1	µg/g	200	14	11	10	10	10	11
Molybdenum		0.5	µg/g	40	<	<	<	<	<	<
Nickel		0.5	µg/g	150	12	8.8	9.2	8	9.4	7.7
Selenium		0.5	µg/g	10	<	<	<	<	<	<
Silver		0.2	µg/g	20	<	<	<	<	<	<
Thallium		0.05	µg/g	4.1	0.07	0.07	0.07	0.06	0.08	0.06
Vanadium		5	µg/g	200	28	21	24	24	24	23
Zinc		5	µg/g	600	42	35	35	34	37	35

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 2 **SOIL ANALYTICAL RESULTS**
Regulation 153/04 - AREA "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-B1-1	BH-B1-2	BH-B2-2	BH-B3-2	BH-B30-2 Field Duplicate of BH-B3-2	BH-B4-2	BH-B5-2	BH-B6-1
	<i>Sampling Date</i>	na	na	na	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08
	<i>Borehole No.</i>	na	na	na	<i>BH-B1</i>	<i>BH-B1</i>	<i>BH-B2</i>	<i>BH-B3</i>	<i>BH-B3</i>	<i>BH-B4</i>	<i>BH-B5</i>	<i>BH-B6</i>
	<i>Sample Depth</i>	na	m bgs	na	0-0.15	0.15-0.30	0.15-0.30	0.15-0.30	0.15-0.30	0.15-0.30	0.15-0.30	0-0.15
Antimony		0.2	µg/g	13	1	3.2	0.5	<	0.3	0.5	0.2	0.2
Arsenic		1	µg/g	20	4	5	2	2	3	3	3	3
Barium		0.5	µg/g	750	82	80	44	62	66	71	79	74
Beryllium		0.2	µg/g	1.2	0.4	0.3	0.2	0.3	0.4	0.4	0.5	0.7
Cadmium		0.1	µg/g	12	0.5	0.7	0.4	0.3	0.3	0.5	0.4	0.3
Chromium (total)		1	µg/g	750	17	19	13	13	14	18	17	17
Cobalt		0.1	µg/g	40	6.1	4.1	3.8	5.1	5.5	5.8	6.5	7.3
Copper		0.5	µg/g	225	29	51	19	11	14	25	16	15
Lead		1	µg/g	200	78	210	67	15	31	73	27	20
Molybdenum		0.5	µg/g	40	<	0.6	<	<	<	<	<	<
Nickel		0.5	µg/g	150	12	11	8.5	10	10	11	12	14
Selenium		0.5	µg/g	10	<	<	<	<	<	<	<	<
Silver		0.2	µg/g	20	0.3	0.5	0.3	<	<	0.3	<	<
Thallium		0.05	µg/g	4.1	0.07	0.08	0.07	0.07	0.08	0.09	0.09	0.11
Vanadium		5	µg/g	200	25	21	21	28	27	28	31	27
Zinc		5	µg/g	600	100	180	77	40	55	77	54	57

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 2 **SOIL ANALYTICAL RESULTS**
Regulation 153/04 - AREA "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH-B6-2	BH-B7-2	BH-B8-1	BH-B8-2	BH-B9-1	BH-B9-2	BH-B10-2
	<i>Sampling Date</i>	na	na	na	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08	22-Dec-08
	<i>Borehole No.</i>	na	na	na	<i>BH-B6</i>	<i>BH-B7</i>	<i>BH-B8</i>	<i>BH-B8</i>	<i>BH-B9</i>	<i>BH-B9</i>	<i>BH-B10</i>
	<i>Sample Depth</i>	na	m bgs	na	<i>0.15-0.30</i>	<i>0.15-0.30</i>	<i>0-0.15</i>	<i>0.15-0.30</i>	<i>0-0.15</i>	<i>0.15-0.30</i>	<i>0.15-0.30</i>
Antimony		0.2	µg/g	13	0.3	2	<	<	<	2.2	0.2
Arsenic		1	µg/g	20	3	8	3	3	2	4	3
Barium		0.5	µg/g	750	81	97	90	79	62	68	90
Beryllium		0.2	µg/g	1.2	0.5	0.4	0.7	0.6	0.4	0.3	0.5
Cadmium		0.1	µg/g	12	0.4	0.4	0.3	0.2	0.2	0.7	0.3
Chromium (total)		1	µg/g	750	18	18	19	17	13	18	20
Cobalt		0.1	µg/g	40	8.4	6.2	9.6	7.8	5.3	5	9.8
Copper		0.5	µg/g	225	27	38	16	15	13	46	19
Lead		1	µg/g	200	65	180	16	14	17	150	26
Molybdenum		0.5	µg/g	40	<	0.8	<	<	<	0.5	<
Nickel		0.5	µg/g	150	14	17	16	13	10	12	16
Selenium		0.5	µg/g	10	<	<	<	<	0.9	<	<
Silver		0.2	µg/g	20	<	0.4	<	<	<	0.6	<
Thallium		0.05	µg/g	4.1	0.1	0.1	0.14	0.11	0.08	0.08	0.12
Vanadium		5	µg/g	200	33	36	37	33	21	18	31
Zinc		5	µg/g	600	62	170	50	46	44	160	62

RDL reportable detection limit

m bgs metres below ground surface

na not applicable

< less than RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for residential/parkland/institutional property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds soil site condition standard
BOLD exceeds selected Table 3 standard

TABLE 3 **SOIL pH and GRAIN SIZE RESULTS - AREA "A"**
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	Units	MOE Criteria ¹	BH-A2-1	BH-A18-1
<i>Sampling Date</i>	na	na	18-Dec-08	22-Dec-08
<i>Sample Location</i>	na	na	BH-A2	BH-A18
<i>Sample Depth</i>	m	na	0-0.15	0-0.15
pH (20 DEG C)	na	5.0-9.0 *	7.23	7.11
Particles >75um	%	50	31	39
Corresponding Soil Texture	na	nc	medium/fine	medium/fine

na not applicable

nc no criterion

¹ Records of Site Condition - Part XV.1 of the Act, Ontario Regulation 153/04

* pH = 5.0-9.0 for sample depth < 1.5 m and pH = 5-11 for samples collected at depths >1.5m.

TABLE 4 **SOIL pH and GRAIN SIZE RESULTS - AREA "B"**
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	Units	MOE Criteria ¹	BH-B2-1	BH-B10-2	BH-B10-2 Laboratory Duplicate of BH-B10-2
<i>Sampling Date</i>	na	na	22-Dec-08	22-Dec-08	22-Dec-08
<i>Sample Location</i>	na	na	<i>BH-B2</i>	<i>BH-B10</i>	na
<i>Sample Depth</i>	m	na	0-0.15	0.15-0.30	na
pH (20 DEG C)	na	5.0-9.0 *	7.17	7.05	7.05
Particles >75um	%	50	46	18	-
Corresponding Soil Texture	na	nc	medium/fine	medium/fine	-

na not applicable

nc no criterion

¹ Records of Site Condition - Part XV.1 of the Act, Ontario Regulation 153/04

* pH = 5.0-9.0 for sample depth < 1.5 m and pH = 5-11 for samples collected at depths >1.5m.

TABLE 5 **GROUNDWATER MONITORING RESULTS**
Lakeshore Blvd E. and Leslie Street, Toronto, Ontario

Well Number	Monitoring Date	Elevation of Top of Riser (m amsl)	Depth to Water (m btr)	Groundwater Elevation ¹ (m amsl)
BH602	19-Jan-09	77.87	1.92	75.95
BH603	19-Jan-09	77.47	1.90	75.58
BH604	19-Jan-09	77.47	2.07	75.40
BH700	19-Jan-09	77.02	nm	
BH702	19-Jan-09	77.19	nm	
BH704	19-Jan-09	77.02	2.24	74.78
BH705	19-Jan-09	77.39	nm	
BH605	19-Jan-09	77.79	2.49	75.30
BH706	19-Jan-09	77.48	2.11	75.37
BH707	19-Jan-09	77.02	nm	

Notes

¹ Geodetic elevations are referenced to Benchmark No. BM157 (76.986 m) located on the northeast exterior wall of the existing Brewers Retail Distribution Center building at the southwest corner of Lakeshore Blvd E. and Leslie Street. Top of riser elevations reported from Shaheen & Peaker, 2006

amsl above mean sea level

btr below top of monitoring well riser

TABLE 6 GROUNDWATER ANALYTICAL RESULTS (*corrected*)

Regulation 153/04 Metals - AREAS "A" AND "B"

Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH601	BH602	BH602	BH602	BH602-W	BH602	BH603	BH603	BH603	BH603-W
Parameter	Sampling Date	na	na	16-Jul-01	16-Jul-01	28-May-04	16-May-05	12-Jun-06	19-Jan-09	16-Jul-01	28-May-04	16-May-05	12-Jun-06
	Monitoring Well No.	na	na	BH601	BH602	BH602	BH602	BH602-W	BH603	BH603	BH603	BH603	BH603-W
	Monitoring Well Location	na	na	Area A									
Antimony	0.5	µg/L	16000	<	<	2	10	1.7	0.7	1	<1	2	<1
Arsenic	1	µg/L	480	3	<20	204	44	21	32	3	3	5	4.5
Barium	5	µg/L	23000	255	637	191	156	168	230	299	291	280.1	205
Beryllium	0.5	µg/L	53	<1	<10	<1	<0.2	<0.1	<	<1	<1	<0.2	<0.1
Boron (available)	10.0	µg/L	50000	237	116	3100	3338	2792	2600	598	532	472	460
Cadmium	0.1	µg/L	11	<	<	<2	0.5	0.8	<	<	<2	<0.2	<0.2
Chromium (total)	5	µg/L	2000	<	<50	61	45	52.7	56	<	<10	<10	<2
Cobalt	0.5	µg/L	100	15.5	13.3	<10	<2	1.8	1.5	7.8	<10	2	1.3
Copper	1	µg/L	23	4.3	<5	<2	2	0.7	<	0.9	<2	2	0.6
Lead	0.5	µg/L	32	0.7	<5	<4	<4	<2	<	<	<4	<4	<2
Mercury	0.05	µg/L	0.12	<	<	<0.1	<0.1	<0.02	-	<	<0.1	0.09	<0.02
Molybdenum	1.0	µg/L	7300	10	<10	<20	8	2	<	15	<20	<7	<
Nickel	1.0	µg/L	1600	24	<10	<20	<5	2.9	<5	10	<20	<5	1
Selenium	2	µg/L	50	<	<20	-	-	<1	<	<	-	-	<1
Silver	0.1	µg/L	1.2	<	<1	<1	<1	-	<	<	<1	<1	-
Thallium	0.05	µg/L	400	0.21	<0.5	-	-	-	<	<	-	-	-
Vanadium	1	µg/L	200	2.1	<5	<10	<5	2.9	6	<5	<10	<5	<
Zinc	5	µg/L	1100	23	<50	<10	<2	3.9	<	10	<10	<2	<1

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

TR trace level detected below RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard

BOLD exceeds selected Table 3 standard

Note: This table was issued with minor errors in the original report of May 13, 2009. It included results for chromium (IV), and mercury RDL values that were 1000x greater than lab certificates. In fact, groundwater samples have historically not been analyzed for chromium (IV) and the results were included as a data processing error. Mercury RDL have been corrected to lab certificate values.

TABLE 6 GROUNDWATER ANALYTICAL RESULTS (*corrected*)

Regulation 153/04 Metals - AREAS "A" AND "B"

Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH603	BH603 Field Duplicate of BH603	BH604	BH604	BH604	BH604-W	BH604	BH700	BH700-W	BH702
Parameter	Sampling Date	na	na	19-Jan-09	19-Jan-09	16-Jul-01	28-May-04	16-May-05	09-Jun-06	19-Jan-09	16-May-05	12-Jun-06	28-May-04
	Monitoring Well No.	na	na	na	BH603	BH603	BH604	BH604	BH603	BH603	BH700	BH700-W	BH702
	Monitoring Well Location	na	na	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Antimony	0.5	µg/L	16000	<	<	<1	<1	1.4	1.5	<1	2.1	37	
Arsenic	1	µg/L	480	<	<	6	4	12	2.6	4	3	2.4	18
Barium	5	µg/L	23000	220	220	65	81	<1	96.2	160	239	276	246
Beryllium	0.5	µg/L	53	<	<	<1	<1	<0.2	<0.1	<	<0.2	<0.1	<1
Boron (available)	10.0	µg/L	50000	880	900	1550	1410	1387	1674	1300	339	435	155
Cadmium	0.1	µg/L	11	<	<	0.1	<2	<0.2	0.7	<	<0.2	<0.2	<2
Chromium (total)	5	µg/L	2000	<	<	<	<10	<10	<2	<	<10	<2	<10
Cobalt	0.5	µg/L	100	<	<	8.8	<10	<2	0.6	<	<2	0.5	<10
Copper	1	µg/L	23	<	<	2.2	<2	3	9.8	<	2	16.2	<2
Lead	0.5	µg/L	32	<	<	<	<4	<4	<2	<	<4	<2	<4
Mercury	0.05	µg/L	0.12	-	-	<	<0.1	<0.1	<0.02	-	<0.1	<0.02	<0.1
Molybdenum	1.0	µg/L	7300	<	<	16	<20	<7	<	<	<7	<	<20
Nickel	1.0	µg/L	1600	<	<	12	<20	<5	<0.5	<	<5	1.5	<20
Selenium	2	µg/L	50	<	<	<	-	-	<1	<	-	<1	-
Silver	0.1	µg/L	1.2	<	<	<	<1	<1	-	<	<1	-	<1
Thallium	0.05	µg/L	400	<	<	<	-	-	-	<	-	-	-
Vanadium	1	µg/L	200	1	2	0.6	<10	<5	<	2	<5	<	<10
Zinc	5	µg/L	1100	<	8	14	<10	<2	10.7	<	2	<1	<10

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

TR trace level detected below RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard

BOLD exceeds selected Table 3 standard

TABLE 6 GROUNDWATER ANALYTICAL RESULTS (*corrected*)

Regulation 153/04 Metals - AREAS "A" AND "B"

Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH702	BH702-W	BH704A	BH704A Dup Duplicate of BH704A	BH704A	BH704A-W	BH 704	BH705	BH705	BH705-W
Parameter	Sampling Date	na	na	16-May-05	09-Jun-06	28-May-04	28-May-04	16-May-05	09-Jun-06	19-Jan-09	28-May-04	16-May-05	09-Jun-06
	Monitoring Well No.	na	na	BH702	BH702-W	BH704A	BH704A	BH704A	BH704A-W	BH603	BH705	BH705	BH603
	Monitoring Well Location	na	na	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Antimony	0.5	µg/L	16000	<1	4.1	6	6	2	4.6	<3	<1	<1	5.5
Arsenic	1	µg/L	480	3	1.1	3	2	2	3.7	<5	8	7	21.4
Barium	5	µg/L	23000	229	143	319	321	568	246	280	312	220	287
Beryllium	0.5	µg/L	53	<0.2	<0.1	<1	<1	<0.2	<0.1	<3	<1	<0.2	<0.1
Boron (available)	10.0	µg/L	50000	150	124	355	357	191	297	190	199	217	288
Cadmium	0.1	µg/L	11	<0.2	0.6	<2	<2	<0.2	0.5	<0.5	<2	<0.2	0.8
Chromium (total)	5	µg/L	2000	<10	3.2	<10	<10	<10	<2	<30	<10	<10	<2
Cobalt	0.5	µg/L	100	<2	0.5	<10	<10	<2	<0.2	<3	<10	<2	<0.2
Copper	1	µg/L	23	3	9.4	<2	<2	5	10	<5	<2	2	9.8
Lead	0.5	µg/L	32	<4	<2	<4	<4	<4	<2	7	<4	<4	<2
Mercury	0.05	µg/L	0.12	<0.1	<0.02	<0.1	<0.1	<0.1	<0.02	-	<0.1	<0.1	<0.02
Molybdenum	1.0	µg/L	7300	<7	<	<20	<20	<7	<	<5	<20	<7	2.8
Nickel	1.0	µg/L	1600	<5	0.6	<20	<20	<5	<0.5	<5	<20	<5	<0.5
Selenium	2	µg/L	50	-	<1	-	-	-	<1	<10	-	-	<1
Silver	0.1	µg/L	1.2	<1	-	<1	<1	1	-	<0.5	<1	1	-
Thallium	0.05	µg/L	400	-	-	-	-	-	-	<0.3	-	-	-
Vanadium	1	µg/L	200	<5	4.1	<10	<10	<5	<	10	<10	<5	<
Zinc	5	µg/L	1100	<2	5.2	<10	<10	<2	11.3	<30	<10	<2	9

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

TR trace level detected below RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard

BOLD exceeds selected Table 3 standard

TABLE 6 GROUNDWATER ANALYTICAL RESULTS (*corrected*)

Regulation 153/04 Metals - AREAS "A" AND "B"

Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH605	BH605A	BH605A	BH605A	BH605A-W	BH605	BH6055 Field Duplicate of BH605	BH706	BH706-W	BH706-W Duplicate of BH706-W
Parameter				16-Jul-01	28-May-04	28-May-04	16-May-05	12-Jun-06	19-Jan-09	19-Jan-09	16-May-05	09-Jun-06	09-Jun-06
<i>Sampling Date</i>	na	na	na	16-Jul-01	28-May-04	28-May-04	16-May-05	12-Jun-06	19-Jan-09	19-Jan-09	16-May-05	09-Jun-06	09-Jun-06
<i>Monitoring Well No.</i>	na	na	na	BH605	BH605A	BH605A	BH605A	BH605A-W	BH603	BH603	BH706	BH706-W	BH706-W
<i>Monitoring Well Location</i>	na	na	na	Area B	Area B	Area B	Area B						
Antimony	0.5	µg/L	16000	<	<1	<1	<1	<1	<	<	<1	<1	<1
Arsenic	1	µg/L	480	<2	2	5	<	<	<	<	<	1.1	<
Barium	5	µg/L	23000	760	311	336	327	300	450	450	423.3	262	266
Beryllium	0.5	µg/L	53	<1	<1	<1	0.62	<0.1	<	<	<0.2	<0.1	<0.1
Boron (available)	10.0	µg/L	50000	233	768	496	1384	1168	1100	1100	2772	2072	2124
Cadmium	0.1	µg/L	11	<	<2	<2	<0.2	<0.2	<	<	<0.2	<0.2	<0.2
Chromium (total)	5	µg/L	2000	<	<10	<10	<10	<2	<	<	<10	<2	<2
Cobalt	0.5	µg/L	100	11.5	<10	<10	3	2.4	1.7	1.9	8.1	5.7	5.8
Copper	1	µg/L	23	<0.5	<2	<2	2	<0.5	<	<	3	7.8	7.6
Lead	0.5	µg/L	32	<	<4	<4	<4	<2	<	<	<4	<2	<2
Mercury	0.05	µg/L	0.12	<	<0.1	<0.1	<0.1	0.03	-	-	<0.1	<0.02	<0.02
Molybdenum	1.0	µg/L	7300	7	<20	<20	<7	<	<	<	<7	2.1	1.4
Nickel	1.0	µg/L	1600	5	<20	<20	<5	1	<5	<5	<5	3.8	3.1
Selenium	2	µg/L	50	<	-	-	-	<1	<	<	-	<1	<1
Silver	0.1	µg/L	1.2	<	<1	<1	<1	-	<	<	<1	-	-
Thallium	0.05	µg/L	400	<	-	-	-	-	<	<	-	-	-
Vanadium	1	µg/L	200	<5	<10	<10	<5	<	1	<	<5	<	<
Zinc	5	µg/L	1100	15	<10	<10	<2	<1	<	<	<2	<1	<1

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

TR trace level detected below RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard

BOLD exceeds selected Table 3 standard

TABLE 6 GROUNDWATER ANALYTICAL RESULTS (*corrected*)

Regulation 153/04 Metals - AREAS "A" AND "B"

Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH 706	BH707	BH707	BH707-W
<i>Sampling Date</i>	na	na	na	19-Jan-09	28-May-04	16-May-05	09-Jun-06
<i>Monitoring Well No.</i>	na	na	BH603	BH707	BH707	BH707	BH707-W
<i>Monitoring Well Location</i>	na	na	Area B	Area B	Area B	Area B	Area B
Antimony	0.5	µg/L	16000	<	<1	<1	<1
Arsenic	1	µg/L	480	2	<	1	<
Barium	5	µg/L	23000	610	435	488	397
Beryllium	0.5	µg/L	53	<	<0.2	<0.2	<0.1
Boron (available)	10.0	µg/L	50000	2000	627	633	614
Cadmium	0.1	µg/L	11	<	<2	<0.2	<0.2
Chromium (total)	5	µg/L	2000	<	<10	<10	<2
Cobalt	0.5	µg/L	100	2.5	<10	<2	1.2
Copper	1	µg/L	23	<	<2	3	5.5
Lead	0.5	µg/L	32	<	<4	<4	<2
Mercury	0.05	µg/L	0.12	-	<0.1	<0.1	<0.02
Molybdenum	1.0	µg/L	7300	<	<20	<7	<
Nickel	1.0	µg/L	1600	<5	<20	<5	<0.5
Selenium	2	µg/L	50	<	-	-	<1
Silver	0.1	µg/L	1.2	<	<1	<1	-
Thallium	0.05	µg/L	400	<	-	-	-
Vanadium	1	µg/L	200	3	<10	<5	<
Zinc	5	µg/L	1100	17	<10	<2	<1

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

TR trace level detected below RDL

- not analysed

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property use, coarse textured soils (MOE, 2004).

<## adjusted DL (##) exceeds groundwater site condition standard

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH602	BH602	BH602	BH602	BH603	BH603	BH603
Parameter				28-May-04	16-May-05	12-Jun-06	19-Jan-09	28-May-04	16-May-05	12-Jun-06
<i>Sampling Date</i>	na	na	na	28-May-04	16-May-05	12-Jun-06	19-Jan-09	28-May-04	16-May-05	12-Jun-06
<i>Monitoring Well No.</i>	na	na	na	<i>BH602</i>	<i>BH602</i>	<i>BH602</i>	<i>BH602</i>	<i>BH603</i>	<i>BH603</i>	<i>BH603</i>
<i>Monitoring Well Location</i>	na	na	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>	<i>Area A</i>
Acenaphthene	0.05	µg/L	1700	<0.3	<0.3	<0.3	0.08	<0.3	<0.3	<0.3
Acenaphthylene	0.05	µg/L	2000	<0.3	<0.3	<0.3	<	<0.3	<0.3	<0.3
Anthracene	0.05	µg/L	12	<0.01	<0.01	<0.01	<	<0.01	<0.01	<0.01
Benzo(a)anthracene	0.05	µg/L	5.0	<0.2	<	<0.1	0.17	<0.2	<	<0.1
Benzo(a)pyrene	0.01	µg/L	1.9	<	<	<	0.04	<	<	<
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<0.1	<0.1	<	<	<0.1	<0.1	<
Benzo(ghi)perylene	0.1	µg/L	0.2	<0.2	<	<	<	<0.2	<	<
Benzo(k)fluoranthene	0.05	µg/L	0.4	<0.01	<0.01	<	<	<0.01	<0.01	<
Chrysene	0.05	µg/L	3.0	<0.4	<	<	0.13	<0.4	<	<
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	<	<	<	<	<	<
Fluoranthene	0.05	µg/L	130	<0.2	<0.1	<0.1	0.16	<0.2	<0.1	<0.1
Fluorene	0.05	µg/L	290	<0.4	<0.4	<0.4	0.12	<0.4	<0.4	<0.4
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<0.2	<0.2	<	<	<0.2	<0.2	<
1-Methylnaphthalene	0.05	µg/L	13000*	-	-	-	1	-	-	-
2-Methylnaphthalene	0.05	µg/L	13000	-	-	-	0.09	-	-	-
Naphthalene	0.05	µg/L	5900	<0.2	0.22	<0.2	1.5	<0.2	<0.2	<0.2
Phenanthrene	0.05	µg/L	63	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.1
Pyrene	0.05	µg/L	40	<0.2	<0.1	<0.1	0.13	<0.2	<0.1	<0.1

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH603	BH6033 Field Duplicate of BH603	BH604	BH604	BH604	BH604	BH700
Parameter										
<i>Sampling Date</i>	na	na	na	19-Jan-09	19-Jan-09	28-May-04	16-May-05	12-Jun-06	19-Jan-09	28-May-04
<i>Monitoring Well No.</i>	na	na	na	BH603	BH603	BH604	BH604	BH604	BH604	BH700
<i>Monitoring Well Location</i>	na	na	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Acenaphthene	0.05	µg/L	1700	<	<	<0.3	<0.3	<0.3	0.3	<0.3
Acenaphthylene	0.05	µg/L	2000	<	<	<0.3	<0.3	<0.3	<	<0.3
Anthracene	0.05	µg/L	12	<	<	<0.01	<0.01	<0.01	<	<0.01
Benzo(a)anthracene	0.05	µg/L	5.0	<	<	<0.2	<	<0.1	<	<0.2
Benzo(a)pyrene	0.01	µg/L	1.9	<	<	<	<	<	<	<
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<	<	<0.1	<0.1	<	<	<0.1
Benzo(ghi)perylene	0.1	µg/L	0.2	<	<	<0.2	<	<	<	<0.2
Benzo(k)fluoranthene	0.05	µg/L	0.4	<	<	<0.01	<0.01	<	<	<0.01
Chrysene	0.05	µg/L	3.0	<	<	<0.4	<	<	<	<0.4
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	<	<	<	<	<	<
Fluoranthene	0.05	µg/L	130	<	<	<0.2	<0.1	<0.1	<	<0.2
Fluorene	0.05	µg/L	290	<	<	<0.4	<0.4	<0.4	0.22	<0.4
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<	<	<0.2	<0.2	<	<	<0.2
1-Methylnaphthalene	0.05	µg/L	13000*	<	<	-	-	-	1.4	-
2-Methylnaphthalene	0.05	µg/L	13000	<	<	-	-	-	0.34	-
Naphthalene	0.05	µg/L	5900	<	<	<0.2	<0.2	<0.2	0.11	<0.2
Phenanthrene	0.05	µg/L	63	<	0.06	<0.1	<0.1	<0.1	0.07	<0.1
Pyrene	0.05	µg/L	40	<	<	<0.2	<0.1	<0.1	<	<0.2

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH700	BH700	BH702	BH702	BH702	BH704A	BH704A
Parameter				16-May-05	12-Jun-06	28-May-04	16-May-05	12-Jun-06	28-May-04	16-May-05
<i>Sampling Date</i>	na	na	na	16-May-05	12-Jun-06	28-May-04	16-May-05	12-Jun-06	28-May-04	16-May-05
<i>Monitoring Well No.</i>	na	na	na	BH700	BH700	BH702	BH702	BH702	BH704A	BH704A
<i>Monitoring Well Location</i>	na	na	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Acenaphthene	0.05	µg/L	1700	<0.3	3.72	<0.3	<0.3	<0.3	<0.3	0.54
Acenaphthylene	0.05	µg/L	2000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Anthracene	0.05	µg/L	12	<0.01	0.4	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)anthracene	0.05	µg/L	5.0	<	<0.1	<0.2	<	<0.1	<0.2	<
Benzo(a)pyrene	0.01	µg/L	1.9	<	<	<	<	<	<	<
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<0.1	<	<0.1	<0.1	<	<0.1	<0.1
Benzo(ghi)perylene	0.1	µg/L	0.2	<	<	<0.2	<	<	<0.2	<
Benzo(k)fluoranthene	0.05	µg/L	0.4	<0.01	<	<0.01	<0.01	<	<0.01	<0.01
Chrysene	0.05	µg/L	3.0	<	<	<0.4	<	<	<0.4	<
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	<	<	<	<	<	<
Fluoranthene	0.05	µg/L	130	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.1
Fluorene	0.05	µg/L	290	<0.4	2.3	<0.4	<0.4	<0.4	<0.4	<0.4
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<0.2	<	<0.2	<0.2	<	<0.2	<0.2
1-Methylnaphthalene	0.05	µg/L	13000*	-	-	-	-	-	-	-
2-Methylnaphthalene	0.05	µg/L	13000	-	-	-	-	-	-	-
Naphthalene	0.05	µg/L	5900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1.34
Phenanthrene	0.05	µg/L	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	0.05	µg/L	40	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2	<0.1

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH704A	BH 704	BH705	BH705	BH705	BH707	BH707
Parameter				12-Jun-06	19-Jan-09	28-May-04	16-May-05	12-Jun-06	28-May-04	16-May-05
<i>Sampling Date</i>	na	na	na	12-Jun-06	19-Jan-09	28-May-04	16-May-05	12-Jun-06	28-May-04	16-May-05
<i>Monitoring Well No.</i>	na	na	na	BH704A	BH 704	BH705	BH705	BH705	BH707	BH707
<i>Monitoring Well Location</i>	na	na	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Acenaphthene	0.05	µg/L	1700	8.02	36	<0.3	<0.3	<0.3	<0.3	<0.3
Acenaphthylene	0.05	µg/L	2000	<0.3	3.6	<0.3	<0.3	<0.3	<0.3	<0.3
Anthracene	0.05	µg/L	12	<0.01	3	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)anthracene	0.05	µg/L	5.0	<0.1	21	<0.2	<	<0.1	<0.2	<
Benzo(a)pyrene	0.01	µg/L	1.9	<	6.3	<	<	<	<	<
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<	18	<0.1	<0.1	<	<0.1	<0.1
Benzo(ghi)perylene	0.1	µg/L	0.2	<	8.9	<0.2	<	<	<0.2	<
Benzo(k)fluoranthene	0.05	µg/L	0.4	<	7	<0.01	<0.01	<	<0.01	<0.01
Chrysene	0.05	µg/L	3.0	<	22	<0.4	<	<	<0.4	<
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	2.4	<	<	<	<	<
Fluoranthene	0.05	µg/L	130	<0.1	38	<0.2	<0.1	<0.1	<0.2	<0.1
Fluorene	0.05	µg/L	290	<0.4	2.8	<0.4	<0.4	<0.4	<0.4	<0.4
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<	9.6	<0.2	<0.2	<	<0.2	<0.2
1-Methylnaphthalene	0.05	µg/L	13000*	-	1.4	-	-	-	-	-
2-Methylnaphthalene	0.05	µg/L	13000	-	<0.3	-	-	-	-	-
Naphthalene	0.05	µg/L	5900	<0.2	0.7	<0.2	<0.2	<0.2	<0.2	<0.2
Phenanthrene	0.05	µg/L	63	<0.1	11	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	0.05	µg/L	40	<0.1	61	<0.2	<0.1	<0.1	<0.2	<0.1

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH707	BH605A	BH605A	BH605A	BH605	BH6055 Field Duplicate of BH605	BH706
<i>Sampling Date</i>	na	na	na	12-Jun-06	28-May-04	16-May-05	12-Jun-06	19-Jan-09	19-Jan-09	28-May-04	
<i>Monitoring Well No.</i>	na	na	na	<i>BH707</i>	<i>BH605A</i>	<i>BH605A</i>	<i>BH605A</i>	<i>BH605</i>	<i>BH605</i>	<i>BH706</i>	
<i>Monitoring Well Location</i>	na	na	na	<i>Area A</i>	<i>Area B</i>						
Acenaphthene	0.05	µg/L	1700	0.66	<0.3	<0.3	<0.3	1.9	2	<0.3	
Acenaphthylene	0.05	µg/L	2000	<0.3	<0.3	<0.3	<0.3	0.43	0.38	<0.3	
Anthracene	0.05	µg/L	12	0.12	<0.01	<0.01	<0.01	1.1	0.56	<0.01	
Benzo(a)anthracene	0.05	µg/L	5.0	<0.1	<0.2	<	<0.1	2.1	1.1	<0.2	
Benzo(a)pyrene	0.01	µg/L	1.9	<	<	<	<	1.8	0.99	<	
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<	<0.1	<0.1	<	2.2	1.2	<0.1	
Benzo(ghi)perylene	0.1	µg/L	0.2	<	<0.2	<	<	1.2	0.7	<0.2	
Benzo(k)fluoranthene	0.05	µg/L	0.4	<	<0.01	<0.01	<	0.79	0.42	<0.01	
Chrysene	0.05	µg/L	3.0	<	<0.4	<	<	1.7	0.89	<0.4	
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	<	<	<	0.3	0.1	<	
Fluoranthene	0.05	µg/L	130	<0.1	<0.2	<0.1	<0.1	4.4	2.2	<0.2	
Fluorene	0.05	µg/L	290	0.4	<0.4	<0.4	0.97	1.5	1.4	<0.4	
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<	<0.2	<0.2	<	1.2	0.7	<0.2	
1-Methylnaphthalene	0.05	µg/L	13000*	-	-	-	-	0.56	0.73	-	
2-Methylnaphthalene	0.05	µg/L	13000	-	-	-	-	0.23	0.16	-	
Naphthalene	0.05	µg/L	5900	<0.2	<0.2	<0.2	<0.2	0.82	0.52	<0.2	
Phenanthrene	0.05	µg/L	63	<0.1	<0.1	<0.1	<0.1	2.9	1.1	<0.1	
Pyrene	0.05	µg/L	40	<0.1	<0.2	<0.1	<0.1	3.8	2.1	<0.2	

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 7 GROUNDWATER ANALYTICAL RESULTS
PAHs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Parameter	Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH706	BH706	BH 706
<i>Sampling Date</i>	na	na	na	16-May-05	12-Jun-06	19-Jan-09	
<i>Monitoring Well No.</i>	na	na	na	BH706	BH706	BH 706	
<i>Monitoring Well Location</i>	na	na		Area B	Area B	Area B	
Acenaphthene	0.05	µg/L	1700	<0.3	<0.3	3.6	
Acenaphthylene	0.05	µg/L	2000	<0.3	<0.3	1.1	
Anthracene	0.05	µg/L	12	0.02	0.1	5.1	
Benzo(a)anthracene	0.05	µg/L	5.0	<	<0.1	13	
Benzo(a)pyrene	0.01	µg/L	1.9	<	<	12	
Benzo(b/j)fluoranthene	0.05	µg/L	7.0	<0.1	<	14	
Benzo(ghi)perylene	0.1	µg/L	0.2	<	<	7	
Benzo(k)fluoranthene	0.05	µg/L	0.4	<0.01	<	5.1	
Chrysene	0.05	µg/L	3.0	<	<	9.5	
Dibenzo(a,h)anthracene	0.1	µg/L	0.25	<	<	1	
Fluoranthene	0.05	µg/L	130	<0.1	<0.1	30	
Fluorene	0.05	µg/L	290	<0.4	0.85	4.8	
Indeno(1,2,3-cd)pyrene	0.1	µg/L	0.27	<0.2	<	8	
1-Methylnaphthalene	0.05	µg/L	13000*	-	-	0.6	
2-Methylnaphthalene	0.05	µg/L	13000	-	-	0.5	
Naphthalene	0.05	µg/L	5900	1.63	1	2.1	
Phenanthrene	0.05	µg/L	63	<0.1	<0.1	18	
Pyrene	0.05	µg/L	40	<0.1	<0.1	23	

RDL reportable detection limit

na not applicable

< less than RDL

* concentrations cannot exceed the groundwater site condition standard

¹ Table 3 full depth generic site condition standards in a non-potable groundwater condition for all types of property uses, coarse textured soils (MOE, 2004).

BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.			MOE Standards Table 3 ¹	BH602	BH602	BH602-W	BH602	BH603	BH603
Parameter	RDL	Units		28-May-04 BH602 Area A	16-May-05 BH602 Area A	14-Jun-06 BH602-W Area A	19-Jan-09 BH602 Area A	28-May-04 BH603 Area A	16-May-05 BH603 Area A
<i>Sampling Date</i>	na	na	na	28-May-04 BH602 Area A	16-May-05 BH602 Area A	14-Jun-06 BH602-W Area A	19-Jan-09 BH602 Area A	28-May-04 BH603 Area A	16-May-05 BH603 Area A
<i>Monitoring Well No.</i>	na	na	na						
<i>Monitoring Well Location</i>	na	na	na						
Acetone (2-Propanone)	10	µg/L	3300	290	<8	<8	<50	45	<8
Benzene	0.1	µg/L	1900	0.4	0.51	1.1	<0.5	<	<0.2
Bromodichloromethane	0.1	µg/L	50000	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
Bromoform	0.2	µg/L	840	<	<	<	<1	<	<
Bromomethane	0.5	µg/L	3.7	<	<0.3	<0.3	<3	<	<0.3
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
Chlorobenzene	0.1	µg/L	500	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
Chlorodibromomethane	0.3	µg/L	-	-	<	-	-	-	-
Chloroethane	0.2	µg/L	-	-	<	-	-	-	-
Chloroform	0.1	µg/L	-	<0.2	<0.3	<0.3	<0.5	<0.2	<0.3
Chloromethane	0.3	µg/L	-	-	<	-	-	-	-
Dibromochloromethane	0.2	µg/L	50000	<	<0.3	-	<1	<	<0.3
1,2-Dichlorobenzene	0.2	µg/L	7600	<	<0.1	0.2	<1	<	<0.1
1,3-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<1	<	<
1,4-Dichlorobenzene	0.2	µg/L	7600	<	<	0.32	<1	<	<
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
1,2-Dichloroethane	0.2	µg/L	17	<	<	<	<1	<	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.2	<0.3	<0.2	<0.5	<0.2	<0.3
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.4	<0.4	<	<1	<0.4	<0.4
trans-1,3-Dichloropropene	0.2	µg/L	ns	-	-	<	<1	-	-
Total Dichloropropene	0.2	µg/L	3.8	-	-	<	<1	-	-
Ethylbenzene	0.1	µg/L	28000	0.2	0.3	4.4	<0.5	<0.2	<0.2
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<	<1	<	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	75	<0.8	<0.8	<30	47	<0.8
Methyl Isobutyl Ketone	5	µg/L	50000	<	<7.2	<7.2	<30	<	<7.2
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<	<1.5	<1.5	<1	<	<1.5
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<1	<0.3	<0.3	<3	<1	<0.3
Styrene	0.2	µg/L	940	<	<	<	<1	<	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<	<0.3	<0.3	<1	<	<0.3
Tetrachloroethylene	0.1	µg/L	5.0	0.6	0.57	<0.2	<0.5	0.6	0.86
Toluene	0.2	µg/L	5900	2.1	1	0.51	<1	0.9	1.3
1,1,1-Trichloroethane	0.1	µg/L	200	<0.2	<0.3	<0.3	<0.5	<0.2	<0.3
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<	<1	<	<
Trichloroethylene	0.1	µg/L	50	0.5	<0.2	<0.2	<0.5	0.8	0.24
Trichlorofluoromethane	0.4	µg/L	-	-	<	-	-	-	-
p+m-Xylene	0.1	µg/L	ns	-	-	-	11	-	-
o-Xylene	0.1	µg/L	ns	-	-	-	<0.5	-	-
Xylene (Total)	0.1	µg/L	5600	1.4	5.8	6.7	11	<0.4	0.42
Vinyl Chloride	0.2	µg/L	0.5	<	<	<	<1	<	<
PHC F1	100	µg/L	ns	-	-	-	<	-	-
PHC F2	100	µg/L	ns	-	-	-	450	-	-
PHC F1+F2	100	µg/L	ns	-	-	-	450	-	-
PHC F3	100	µg/L	ns	-	-	-	5800	-	-
PHC F4	100	µg/L	ns	-	-	-	130	-	-
PHC F3+F4	100	µg/L	ns	-	-	-	5930	-	-

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

- not analysed

¹ condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.			MOE Standards Table 3 ¹	BH603-W	BH603	BH6033 Field Duplicate of BH603	BH604	BH604	BH604-W
Parameter	RDL	Units		14-Jun-06 BH603-W Area A	19-Jan-09 BH603 Area A	19-Jan-09 BH603 Area A	28-May-04 BH604 Area A	16-May-05 BH604 Area A	12-Jun-06 BH603 Area A
<i>Sampling Date</i>	na	na	na	14-Jun-06 BH603-W Area A	19-Jan-09 BH603 Area A	19-Jan-09 BH603 Area A	28-May-04 BH604 Area A	16-May-05 BH604 Area A	12-Jun-06 BH603 Area A
<i>Monitoring Well No.</i>	na	na	na						
<i>Monitoring Well Location</i>	na	na							
Acetone (2-Propanone)	10	µg/L	3300	<8	<	<	510	<8	<8
Benzene	0.1	µg/L	1900	<0.2	<	<	<	<0.2	0.34
Bromodichloromethane	0.1	µg/L	50000	<0.2	<	<	<0.2	<0.2	<0.2
Bromoform	0.2	µg/L	840	<	<	<	<	<	<
Bromomethane	0.5	µg/L	3.7	<0.3	<	<	<	<0.3	<0.3
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<	<	<0.2	<0.2	<0.2
Chlorobenzene	0.1	µg/L	500	<0.2	<	<	<0.2	<0.2	<0.2
Chlorodibromomethane	0.3	µg/L		<	-	-	-	-	<
Chloroethane	0.2	µg/L		<	-	-	-	-	<
Chloroform	0.1	µg/L		<0.3	<	<	<0.2	<0.3	<0.3
Chloromethane	0.3	µg/L		<	-	-	-	-	<
Dibromochloromethane	0.2	µg/L	50000	-	<	<	<	<0.3	-
1,2-Dichlorobenzene	0.2	µg/L	7600	<0.1	<	<	<	<0.1	<0.1
1,3-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<
1,4-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<	<	<0.2	<0.2	<0.2
1,2-Dichloroethane	0.2	µg/L	17	<	<	<	<	<	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<	<	<0.2	<0.2	<0.2
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.2	<	<	<0.2	<0.3	<0.2
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<	<	<0.2	<0.2	<0.2
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<	<	<0.2	<0.2	<0.2
cis-1,3-Dichloropropene	0.2	µg/L	ns	<	<	<	<0.4	<0.4	<
trans-1,3-Dichloropropene	0.2	µg/L	ns	<	<	<	-	-	<
Total Dichloropropene	0.2	µg/L	3.8	<	<	<	-	-	<
Ethylbenzene	0.1	µg/L	28000	<0.2	<	<	<0.2	<0.2	<0.2
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<	<	<	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	<0.8	<	<	110	<0.8	<0.8
Methyl Isobutyl Ketone	5	µg/L	50000	<7.2	<	<	<	<7.2	<7.2
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<1.5	<	<	<	<1.5	<1.5
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<0.3	<	<	<1	<0.3	<0.3
Styrene	0.2	µg/L	940	<	<	<	<	<	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<	<	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<0.3	<	<	<	<0.3	<0.3
Tetrachloroethylene	0.1	µg/L	5.0	<0.2	<	<	0.4	0.5	<0.2
Toluene	0.2	µg/L	5900	<	<	<	1.2	0.8	<
1,1,1-Trichloroethane	0.1	µg/L	200	<0.3	<	<	<0.2	<0.3	<0.3
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<	<	<	<
Trichloroethylene	0.1	µg/L	50	<0.2	<	<	0.8	<0.2	<0.2
Trichlorofluoromethane	0.4	µg/L		<	-	-	-	-	<
p+m-Xylene	0.1	µg/L	ns	-	<	<	-	-	-
o-Xylene	0.1	µg/L	ns	-	<	<	-	-	-
Xylene (Total)	0.1	µg/L	5600	<0.4	<	<	<0.4	<0.4	<0.4
Vinyl Chloride	0.2	µg/L	0.5	<	<	<	<	<	<
PHC F1	100	µg/L	ns	-	<	<	-	-	-
PHC F2	100	µg/L	ns	-	<	<	-	-	-
PHC F1+F2	100	µg/L	-	<	<	<	-	-	-
PHC F3	100	µg/L	ns	-	<	<	-	-	-
PHC F4	100	µg/L	ns	-	<	<	-	-	-
PHC F3+F4	100	µg/L	-	<	<	<	-	-	-

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

- not analysed

¹ condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH604	BH700	BH700	BH700-W	BH700-W Dup Duplicate of BH700-W	BH702
Parameter				19-Jan-09 BH604 Area A	28-May-04 BH700 Area A	16-May-05 BH700-W Area A	14-Jun-06 BH700-W Area A	14-Jun-06 BH702 Area A	28-May-04 BH702 Area A
<i>Sampling Date</i>	na	na	na	19-Jan-09	28-May-04	16-May-05	14-Jun-06	14-Jun-06	28-May-04
<i>Monitoring Well No.</i>	na	na	na	BH604	BH700	BH700-W	BH700-W	BH702	BH702
<i>Monitoring Well Location</i>	na	na	na	Area A	Area A	Area A	Area A	Area A	Area A
Acetone (2-Propanone)	10	µg/L	3300	<30	430	33	<8	<8	53
Benzene	0.1	µg/L	1900	<0.3	<	<0.2	<0.2	<0.2	<
Bromodichloromethane	0.1	µg/L	50000	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform	0.2	µg/L	840	<0.5	<	<	<	<	<
Bromomethane	0.5	µg/L	3.7	<1	<	<0.3	<0.3	<0.3	<
Carbon Tetrachloride	0.1	µg/L	17	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	0.1	µg/L	500	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorodibromomethane	0.3	µg/L	-	-	-	<	<	<	-
Chloroethane	0.2	µg/L	-	-	-	<	<	<	-
Chloroform	0.1	µg/L	-	<0.3	<0.2	<0.3	<0.3	<0.3	<0.2
Chloromethane	0.3	µg/L	-	-	-	<	<	<	-
Dibromochloromethane	0.2	µg/L	50000	<0.5	<	<0.3	-	-	<
1,2-Dichlorobenzene	0.2	µg/L	7600	<0.5	<	<0.1	<0.1	<0.1	<
1,3-Dichlorobenzene	0.2	µg/L	7600	<0.5	<	<	<	<	<
1,4-Dichlorobenzene	0.2	µg/L	7600	<0.5	<	<	<	<	<
1,1-Dichloroethane	0.1	µg/L	9000	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloroethane	0.2	µg/L	17	<0.5	<	<	<	<	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.3	<0.2	<0.3	<0.2	<0.2	<0.2
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloropropane	0.1	µg/L	9.3	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.5	<0.4	<0.4	<	<	<0.4
trans-1,3-Dichloropropene	0.2	µg/L	ns	<0.5	-	-	<	<	-
Total Dichloropropene	0.2	µg/L	3.8	<0.5	-	-	<	<	-
Ethylbenzene	0.1	µg/L	28000	<0.3	<0.2	0.2	<0.2	<0.2	<0.2
Ethylene Dibromide	0.2	µg/L	3.3	<0.5	<	<	<	<	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	<10	130	<0.8	<0.8	<0.8	89
Methyl Isobutyl Ketone	5	µg/L	50000	<10	<	<7.2	<7.2	<7.2	<
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<0.5	<	<1.5	<1.5	<1.5	<
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<1	<1	<0.3	<0.3	<0.3	<1
Styrene	0.2	µg/L	940	<0.5	<	<	<	<	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<0.5	<	<0.3	<0.3	<0.3	<
Tetrachloroethylene	0.1	µg/L	5.0	<0.3	1.7	0.92	<0.2	<0.2	1.2
Toluene	0.2	µg/L	5900	<0.5	5.3	1.7	<	<	4.2
1,1,1-Trichloroethane	0.1	µg/L	200	<0.3	<0.2	<0.3	<0.3	<0.3	<0.2
1,1,2-Trichloroethane	0.2	µg/L	16000	<0.5	<	<	<	<	<
Trichloroethylene	0.1	µg/L	50	<0.3	0.8	0.26	<0.2	<0.2	0.8
Trichlorofluoromethane	0.4	µg/L	-	-	-	<	<	<	-
p+m-Xylene	0.1	µg/L	ns	<0.3	-	-	-	-	-
o-Xylene	0.1	µg/L	ns	<0.3	-	-	-	-	-
Xylene (Total)	0.1	µg/L	5600	<0.3	0.4	0.75	<0.4	<0.4	<0.4
Vinyl Chloride	0.2	µg/L	0.5	<0.5	<	<	<	<	<
PHC F1	100	µg/L	ns	<	-	-	-	-	-
PHC F2	100	µg/L	ns	1000	-	-	-	-	-
PHC F1+F2	100	µg/L	-	1000	-	-	-	-	-
PHC F3	100	µg/L	ns	780	-	-	-	-	-
PHC F4	100	µg/L	ns	<	-	-	-	-	-
PHC F3+F4	100	µg/L	780	-	-	-	-	-	-

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

- not analysed

¹ condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.			MOE Standards Table 3 ¹	BH702	BH702-W	BH704A	BH704A	BH704A-W	BH 704
Parameter	RDL	Units		16-May-05 BH702 Area A	12-Jun-06 BH702-W Area A	28-May-04 BH704A Area A	16-May-05 BH704A Area A	12-Jun-06 BH603 Area A	19-Jan-09 BH 704 Area A
<i>Sampling Date</i>	na	na	na	16-May-05 BH702 Area A	12-Jun-06 BH702-W Area A	28-May-04 BH704A Area A	16-May-05 BH704A Area A	12-Jun-06 BH603 Area A	19-Jan-09 BH 704 Area A
<i>Monitoring Well No.</i>	na	na	na						
<i>Monitoring Well Location</i>	na	na	na						
Acetone (2-Propanone)	10	µg/L	3300	<8	<8	28	<8	<8	<30
Benzene	0.1	µg/L	1900	<0.2	<0.2	0.5	<0.2	0.52	0.9
Bromodichloromethane	0.1	µg/L	50000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
Bromoform	0.2	µg/L	840	<	<	<	<	<	<0.5
Bromomethane	0.5	µg/L	3.7	<0.3	<0.3	<	<0.3	<0.3	<1
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
Chlorobenzene	0.1	µg/L	500	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
Chlorodibromomethane	0.3	µg/L	-	<	-	-	<	-	-
Chloroethane	0.2	µg/L	-	<	-	-	<	-	-
Chloroform	0.1	µg/L	-	<0.3	<0.3	<0.2	<0.3	<0.3	<0.3
Chloromethane	0.3	µg/L	-	<	-	-	<	-	-
Dibromochloromethane	0.2	µg/L	50000	<0.3	-	<	<0.3	-	<0.5
1,2-Dichlorobenzene	0.2	µg/L	7600	<0.1	<0.1	<	<0.1	<0.1	<0.5
1,3-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<0.5
1,4-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<0.5
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
1,2-Dichloroethane	0.2	µg/L	17	<	<	<	<	<	<0.5
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.3	<0.2	<0.2	<0.3	<0.2	<0.3
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.4	<	<0.4	<0.4	<	<0.5
trans-1,3-Dichloropropene	0.2	µg/L	ns	-	<	-	-	<	<0.5
Total Dichloropropene	0.2	µg/L	3.8	-	<	-	-	-	<0.5
Ethylbenzene	0.1	µg/L	28000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<	<	<	<0.5
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	<0.8	<0.8	50	<0.8	<0.8	<10
Methyl Isobutyl Ketone	5	µg/L	50000	<7.2	<7.2	<	<7.2	<7.2	<10
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<1.5	<1.5	<	<1.5	<1.5	<0.5
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<0.3	<0.3	<1	<0.3	<0.3	<1
Styrene	0.2	µg/L	940	<	<	<	<	<	<0.5
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.3
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<0.3	<0.3	<	<0.3	<0.3	<0.5
Tetrachloroethylene	0.1	µg/L	5.0	<0.2	<0.2	0.7	<0.2	<0.2	<0.3
Toluene	0.2	µg/L	5900	<	<	2.8	0.44	<	<0.5
1,1,1-Trichloroethane	0.1	µg/L	200	<0.3	<0.3	<0.2	<0.3	<0.3	<0.3
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<	<	<	<0.5
Trichloroethylene	0.1	µg/L	50	0.72	<0.2	0.6	0.56	<0.2	<0.3
Trichlorofluoromethane	0.4	µg/L	-	<	-	-	-	<	-
p+m-Xylene	0.1	µg/L	ns	-	-	-	-	-	<0.3
o-Xylene	0.1	µg/L	ns	-	-	-	-	-	<0.3
Xylene (Total)	0.1	µg/L	5600	<0.4	<0.4	<0.4	<0.4	<0.4	<0.3
Vinyl Chloride	0.2	µg/L	0.5	<	<	<	<	<	<0.5
PHC F1	100	µg/L	ns	-	-	-	-	-	<
PHC F2	100	µg/L	ns	-	-	-	-	-	<
PHC F1+F2	100	µg/L	ns	-	-	-	-	-	<
PHC F3	100	µg/L	ns	-	-	-	-	-	<
PHC F4	100	µg/L	ns	-	-	-	-	-	<
PHC F3+F4	100	µg/L	-	-	-	-	-	-	<

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

- not analysed

¹ condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.			MOE Standards Table 3 ¹	BH705	BH705	BH705-W	BH707	BH707	BH707-W
Parameter	RDL	Units		28-May-04 BH705 Area A	16-May-05 BH705 Area A	12-Jun-06 BH705-W Area A	28-May-04 BH707 Area A	16-May-05 BH707 Area A	14-Jun-06 BH707-W Area A
<i>Sampling Date</i>	na	na	na	28-May-04 BH705 Area A	16-May-05 BH705 Area A	12-Jun-06 BH705-W Area A	28-May-04 BH707 Area A	16-May-05 BH707 Area A	14-Jun-06 BH707-W Area A
<i>Monitoring Well No.</i>	na	na	na						
<i>Monitoring Well Location</i>	na	na	na						
Acetone (2-Propanone)	10	µg/L	3300	48	<8	<8	65	<8	<8
Benzene	0.1	µg/L	1900	<	<0.2	<0.2	<	<0.2	<0.2
Bromodichloromethane	0.1	µg/L	50000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform	0.2	µg/L	840	<	<	<	<	<	<
Bromomethane	0.5	µg/L	3.7	<	<0.3	<0.3	<	<0.3	<0.3
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	0.1	µg/L	500	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorodibromomethane	0.3	µg/L	-	-	<	-	-	-	<
Chloroethane	0.2	µg/L	-	-	<	-	-	-	<
Chloroform	0.1	µg/L	-	<0.2	<0.3	<0.3	<0.2	<0.3	<0.3
Chloromethane	0.3	µg/L	-	-	<	-	-	-	<
Dibromochloromethane	0.2	µg/L	50000	<	<0.3	-	<	<0.3	-
1,2-Dichlorobenzene	0.2	µg/L	7600	<	<0.1	<0.1	<	<0.1	<0.1
1,3-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<
1,4-Dichlorobenzene	0.2	µg/L	7600	<	<	<	<	<	<
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloroethane	0.2	µg/L	17	<	<	<	<	<	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.2	<0.3	<0.2	<0.2	<0.3	<0.2
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.4	<0.4	<	<0.4	<0.4	<
trans-1,3-Dichloropropene	0.2	µg/L	ns	-	-	<	-	-	<
Total Dichloropropene	0.2	µg/L	3.8	-	-	<	-	-	<
Ethylbenzene	0.1	µg/L	28000	<0.2	0.26	<0.2	<0.2	0.2	<0.2
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<	<	<	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	140	<0.8	<0.8	<	<0.8	<0.8
Methyl Isobutyl Ketone	5	µg/L	50000	<	<7.2	<7.2	<	<7.2	<7.2
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<	<1.5	<1.5	<	<1.5	<1.5
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<1	<0.3	<0.3	<1	<0.3	<0.3
Styrene	0.2	µg/L	940	<	<	<	<	<	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<	<0.3	<0.3	<	<0.3	<0.3
Tetrachloroethylene	0.1	µg/L	5.0	0.8	<0.2	<0.2	0.6	0.83	<0.2
Toluene	0.2	µg/L	5900	1.5	0.36	<	1.1	1.5	<
1,1,1-Trichloroethane	0.1	µg/L	200	<0.2	<0.3	<0.3	<0.2	<0.3	<0.3
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<	<	<	<
Trichloroethylene	0.1	µg/L	50	0.9	<0.2	<0.2	0.5	<0.2	<0.2
Trichlorofluoromethane	0.4	µg/L	-	-	<	-	-	-	<
p+m-Xylene	0.1	µg/L	ns	-	-	-	-	-	-
o-Xylene	0.1	µg/L	ns	-	-	-	-	-	-
Xylene (Total)	0.1	µg/L	5600	<0.4	<0.4	<0.4	<0.4	0.61	<0.4
Vinyl Chloride	0.2	µg/L	0.5	<	<	<	<	<	<
PHC F1	100	µg/L	ns	-	-	-	-	-	-
PHC F2	100	µg/L	ns	-	-	-	-	-	-
PHC F1+F2	100	µg/L	-	-	-	-	-	-	-
PHC F3	100	µg/L	ns	-	-	-	-	-	-
PHC F4	100	µg/L	ns	-	-	-	-	-	-
PHC F3+F4	100	µg/L	-	-	-	-	-	-	-

RDL reportable detection limit

na not applicable

ns no standard

< less than RDL

<### less than adjusted DL (###)

- not analysed

¹ condition for all types of property use, coarse textured soils (MOE, 2004).

<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.			MOE Standards Table 3 ¹	BH605A	BH605A	BH605A-W	BH605	BH6055 Field Duplicate of BH605	BH706
Parameter	RDL	Units		28-May-04 BH605A Area B	16-May-05 BH605A Area B	14-Jun-06 BH605A-W Area B	19-Jan-09 BH605 Area B	19-Jan-09 BH605 Area B	28-May-04 BH605 Area B
<i>Sampling Date</i>	na	na	na	28-May-04 BH605A Area B	16-May-05 BH605A Area B	14-Jun-06 BH605A-W Area B	19-Jan-09 BH605 Area B	19-Jan-09 BH605 Area B	28-May-04 BH605 Area B
<i>Monitoring Well No.</i>	na	na	na						
<i>Monitoring Well Location</i>	na	na							
Acetone (2-Propanone)	10	µg/L	3300	200	<8	<8	<20	<20	170
Benzene	0.1	µg/L	1900	0.5	2.6	2.7	0.7	0.7	0.3
Bromodichloromethane	0.1	µg/L	50000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform	0.2	µg/L	840	<	<	<	<0.4	<0.4	<
Bromomethane	0.5	µg/L	3.7	<	<0.3	<0.3	<1	<1	<
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	0.1	µg/L	500	<0.2	2.4	3.4	1	1	<0.2
Chlorodibromomethane	0.3	µg/L	-	-	<	-	-	-	-
Chloroethane	0.2	µg/L	-	-	<	-	-	-	-
Chloroform	0.1	µg/L	-	<0.2	<0.3	<0.3	<0.2	<0.2	<0.2
Chloromethane	0.3	µg/L	-	-	<	-	-	-	-
Dibromochloromethane	0.2	µg/L	50000	<	<0.3	-	<0.4	<0.4	<
1,2-Dichlorobenzene	0.2	µg/L	7600	<	0.23	0.4	<0.4	<0.4	<
1,3-Dichlorobenzene	0.2	µg/L	7600	<	0.2	<	<0.4	<0.4	<
1,4-Dichlorobenzene	0.2	µg/L	7600	<	0.44	1.3	<0.4	<0.4	<
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloroethane	0.2	µg/L	17	<	<	<	<0.4	<0.4	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.2	<0.3	<0.2	<0.2	<0.2	<0.2
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.4	<0.4	<	<0.4	<0.4	<0.4
trans-1,3-Dichloropropene	0.2	µg/L	ns	-	-	<	<0.4	<0.4	-
Total Dichloropropene	0.2	µg/L	3.8	-	-	<	<0.4	<0.4	-
Ethylbenzene	0.1	µg/L	28000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<	<0.4	<0.4	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	70	<0.8	<0.8	<10	<10	50
Methyl Isobutyl Ketone	5	µg/L	50000	<	<7.2	<7.2	<10	<10	<
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<	<1.5	<1.5	<0.4	<0.4	<
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<1	<0.3	<0.3	<1	<1	<1
Styrene	0.2	µg/L	940	<	<	<	<0.4	<0.4	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<	<0.3	<0.3	<0.4	<0.4	<
Tetrachloroethylene	0.1	µg/L	5.0	0.3	0.5	<0.2	<0.2	<0.2	0.6
Toluene	0.2	µg/L	5900	0.9	0.72	0.22	<0.4	<0.4	1.7
1,1,1-Trichloroethane	0.1	µg/L	200	<0.2	<0.3	<0.3	<0.2	<0.2	<0.2
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<	<0.4	<0.4	<
Trichloroethylene	0.1	µg/L	50	0.7	<0.2	<0.2	<0.2	<0.2	0.5
Trichlorofluoromethane	0.4	µg/L	-	-	<	-	-	-	-
p+m-Xylene	0.1	µg/L	ns	-	-	-	<0.2	<0.2	-
o-Xylene	0.1	µg/L	ns	-	-	-	<0.2	<0.2	-
Xylene (Total)	0.1	µg/L	5600	<0.4	<0.4	<0.4	<0.2	<0.2	<0.4
Vinyl Chloride	0.2	µg/L	0.5	<	<	<	<0.4	<0.4	<
PHC F1	100	µg/L	ns	-	-	-	<	<	-
PHC F2	100	µg/L	ns	-	-	-	<	<	-
PHC F1+F2	100	µg/L	-	-	-	-	<	<	-
PHC F3	100	µg/L	ns	-	-	-	<	<	-
PHC F4	100	µg/L	ns	-	-	-	<	<	-
PHC F3+F4	100	µg/L	-	-	-	-	<	<	-

RDL reportable detection limit
na not applicable
ns no standard
< less than RDL
<### less than adjusted DL (###)
- not analysed
¹ condition for all types of property use, coarse textured soils (MOE, 2004).
≤### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

TABLE 8 GROUNDWATER ANALYTICAL RESULTS
VOCs/PHCs - AREAS "A" AND "B"
Lakeshore Blvd. E and Leslie St., Toronto, Ontario

Aqua Terre Sample No.	RDL	Units	MOE Standards Table 3 ¹	BH706	BH706-W	BH 706
Parameter				16-May-05 BH706 Area B	14-Jun-06 BH706-W Area B	19-Jan-09 BH 706 Area B
<i>Sampling Date</i>	na	na	na	16-May-05	14-Jun-06	19-Jan-09
<i>Monitoring Well No.</i>	na	na	na	BH706	BH706-W	BH 706
<i>Monitoring Well Location</i>	na	na	na	Area B	Area B	Area B
Acetone (2-Propanone)	10	µg/L	3300	<8	<8	<
Benzene	0.1	µg/L	1900	1.4	0.73	0.1
Bromodichloromethane	0.1	µg/L	50000	<0.2	<0.2	<
Bromoform	0.2	µg/L	840	<	<	<
Bromomethane	0.5	µg/L	3.7	<0.3	<0.3	<
Carbon Tetrachloride	0.1	µg/L	17	<0.2	<0.2	<
Chlorobenzene	0.1	µg/L	500	0.73	0.67	0.2
Chlorodibromomethane	0.3	µg/L	-	<	-	-
Chloroethane	0.2	µg/L	-	<	-	-
Chloroform	0.1	µg/L	-	<0.3	<0.3	<
Chloromethane	0.3	µg/L	-	<	-	-
Dibromochloromethane	0.2	µg/L	50000	<0.3	-	<
1,2-Dichlorobenzene	0.2	µg/L	7600	<0.1	<0.1	<
1,3-Dichlorobenzene	0.2	µg/L	7600	0.38	<	<
1,4-Dichlorobenzene	0.2	µg/L	7600	0.55	1.5	1
1,1-Dichloroethane	0.1	µg/L	9000	<0.2	<0.2	<
1,2-Dichloroethane	0.2	µg/L	17	<	<	<
1,1-Dichloroethylene	0.1	µg/L	0.66	<0.2	<0.2	<
cis-1,2-Dichloroethylene	0.1	µg/L	70	<0.3	<0.2	<
trans-1,2-Dichloroethylene	0.1	µg/L	100	<0.2	<0.2	<
1,2-Dichloropropane	0.1	µg/L	9.3	<0.2	<0.2	<
cis-1,3-Dichloropropene	0.2	µg/L	ns	<0.4	<	<
trans-1,3-Dichloropropene	0.2	µg/L	ns	-	<	<
Total Dichloropropene	0.2	µg/L	3.8	-	<	<
Ethylbenzene	0.1	µg/L	28000	0.5	<0.2	<
Ethylene Dibromide	0.2	µg/L	3.3	<	<	<
Methyl Ethyl Ketone (2-Butanone)	5	µg/L	50000	<0.8	<0.8	<
Methyl Isobutyl Ketone	5	µg/L	50000	<7.2	<7.2	<
Methyl t-butyl ether (MTBE)	0.2	µg/L	50000	<1.5	<1.5	<
Methylene Chloride(Dichloromethane)	0.5	µg/L	50000	<0.3	<0.3	<
Styrene	0.2	µg/L	940	<	<	<
1,1,1,2-Tetrachloroethane	0.1	µg/L	6.0	<0.2	<0.2	<
1,1,2,2-Tetrachloroethane	0.2	µg/L	22	<0.3	<0.3	<
Tetrachloroethylene	0.1	µg/L	5.0	0.6	<0.2	<
Toluene	0.2	µg/L	5900	0.87	<	<
1,1,1-Trichloroethane	0.1	µg/L	200	<0.3	<0.3	<
1,1,2-Trichloroethane	0.2	µg/L	16000	<	<	<
Trichloroethylene	0.1	µg/L	50	<0.2	<0.2	<
Trichlorofluoromethane	0.4	µg/L	-	<	-	-
p+m-Xylene	0.1	µg/L	ns	-	-	<
o-Xylene	0.1	µg/L	ns	-	-	<
Xylene (Total)	0.1	µg/L	5600	1.13	<0.4	<
Vinyl Chloride	0.2	µg/L	0.5	<	<	<
PHC F1	100	µg/L	ns	-	-	<
PHC F2	100	µg/L	ns	-	-	<
PHC F1+F2	100	µg/L	-	-	-	<
PHC F3	100	µg/L	ns	-	-	260
PHC F4	100	µg/L	ns	-	-	180
PHC F3+F4	100	µg/L	-	-	-	440

RDL reportable detection limit
na not applicable
ns no standard
< less than RDL
<### less than adjusted DL (###)
- not analysed
¹ condition for all types of property use, coarse textured soils (MOE, 2004).
<### adjusted DL (###) exceeds groundwater site condition standard
BOLD exceeds selected Table 3 standard

APPENDIX A
DRILLING PHOTOGRAPHS





Photo 1 – View of Geoprobe drill rig



Photo 2 – View of Retrieved Soil Sample

APPENDIX B
LABORATORY CERTIFICATES OF ANALYSIS (SOIL)



Your Project #: 08729A
Site Location: AREA A, LAKESHORE BLVD@LESLIE S
Your C.O.C. #: 00464566

Attention: Thom Kewen

Aqua Terre Solutions Inc
1100 Sheppard Ave W
Suite 200
Toronto, ON
M3K 2B4

Report Date: 2009/01/02

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8F2407
Received: 2008/12/20, 11:15

Sample Matrix: Soil
Samples Received: 16

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Acid Extr. Metals (aqua regia) by ICPMS	1	2008/12/29	2008/12/30	CAM SOP-00447	EPA 6020
Acid Extr. Metals (aqua regia) by ICPMS	14	2008/12/30	2008/12/30	CAM SOP-00447	EPA 6020
pH CaCl ₂ EXTRACT	1	N/A	2008/12/30	CAM SOP-00413	SM 4500 H
Sieve, 75um Ø	1	N/A	2008/12/24	CAM SOP-00467	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

* Results relate only to the items tested.

(1) The Sieve test has been validated in accordance with ISO Guide 17025 requirements. SCC accreditation pending.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 9

Maxxam Job #: A8F2407
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: AREA A, LAKESHORE BLVD@LESLIE S

RESULTS OF ANALYSES OF SOIL

Maxxam ID		BJ8443		
Sampling Date		2008/12/18 10:30		
	Units	BH-A2-1	RDL	QC Batch
Inorganics				
Available (CaCl ₂) pH	pH	7.23		1710331
Miscellaneous Parameters				
Grain Size	%	FINE	N/A	1708802
Sieve - #200 (<0.075mm)	%	69	N/A	1708802
Sieve - #200 (>0.075mm)	%	31	N/A	1708802

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		BJ8441		BJ8442	BJ8444	BJ8445	BJ8446		
		Sampling Date	2008/12/18 09:45		2008/12/18 09:45	2008/12/18 10:30	2008/12/18 10:45	2008/12/18 11:00	
	Units	BH-A1-1	QC Batch	BH-A1-2	BH-A2-2	BH-A3-2	BH-A4-1	RDL	QC Batch
Metals									
Acid Extractable Antimony (Sb)	ug/g	0.3	1710763	0.2	0.8	0.8	<0.2	0.2	1710823
Acid Extractable Arsenic (As)	ug/g	2	1710763	2	4	3	3	1	1710823
Acid Extractable Barium (Ba)	ug/g	72	1710763	31	70	58	68	0.5	1710823
Acid Extractable Beryllium (Be)	ug/g	0.4	1710763	<0.2	0.4	0.4	0.5	0.2	1710823
Acid Extractable Cadmium (Cd)	ug/g	0.2	1710763	0.1	0.4	0.5	0.3	0.1	1710823
Acid Extractable Chromium (Cr)	ug/g	14	1710763	9	19	17	14	1	1710823
Acid Extractable Cobalt (Co)	ug/g	4.5	1710763	2.0	6.3	5.3	5.6	0.1	1710823
Acid Extractable Copper (Cu)	ug/g	12	1710763	7.5	28	27	11	0.5	1710823
Acid Extractable Lead (Pb)	ug/g	24	1710763	23	100	80	13	1	1710823
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	1710763	<0.5	0.7	0.8	<0.5	0.5	1710823
Acid Extractable Nickel (Ni)	ug/g	9.3	1710763	4.5	19	15	11	0.5	1710823
Acid Extractable Selenium (Se)	ug/g	<0.5	1710763	0.8	0.9	<0.5	<0.5	0.5	1710823
Acid Extractable Silver (Ag)	ug/g	<0.2	1710763	<0.2	<0.2	<0.2	<0.2	0.2	1710823
Acid Extractable Thallium (Tl)	ug/g	0.07	1710763	<0.05	0.10	0.08	0.08	0.05	1710823
Acid Extractable Vanadium (V)	ug/g	25	1710763	18	29	26	29	5	1710823
Acid Extractable Zinc (Zn)	ug/g	54	1710763	43	91	97	40	5	1710823

N/A = Not Applicable

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A8F2407
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: AREA A, LAKESHORE BLVD@LESLIE S

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		BJ8447	BJ8448	BJ8449	BJ8450	BJ8451	BJ8452		
Sampling Date		2008/12/18 11:00	2008/12/18 11:15	2008/12/18 11:30	2008/12/18 11:40	2008/12/18 11:40	2008/12/18 11:45		
Units		BH-A4-2	BH-A5-2	BH-A6-2	BH-A7-1	BH-A7-2	BH-A8-2	RDL	QC Batch
Metals									
Acid Extractable Antimony (Sb)	ug/g	<0.2	5.6	1.2	<0.2	<0.2	0.2	0.2	1710823
Acid Extractable Arsenic (As)	ug/g	3	4	3	2	3	4	1	1710823
Acid Extractable Barium (Ba)	ug/g	64	23	64	60	65	54	0.5	1710823
Acid Extractable Beryllium (Be)	ug/g	0.5	<0.2	0.5	0.3	0.5	0.6	0.2	1710823
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.4	0.3	0.2	0.3	0.2	0.1	1710823
Acid Extractable Chromium (Cr)	ug/g	14	14	16	13	15	16	1	1710823
Acid Extractable Cobalt (Co)	ug/g	5.5	2.5	5.0	4.8	6.1	7.5	0.1	1710823
Acid Extractable Copper (Cu)	ug/g	12	24	17	9.8	12	17	0.5	1710823
Acid Extractable Lead (Pb)	ug/g	19	210	70	11	13	20	1	1710823
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	0.5	1710823
Acid Extractable Nickel (Ni)	ug/g	12	6.6	11	9.1	11	14	0.5	1710823
Acid Extractable Selenium (Se)	ug/g	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.5	1710823
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	1710823
Acid Extractable Thallium (Tl)	ug/g	0.08	0.05	0.08	0.08	0.09	0.08	0.05	1710823
Acid Extractable Vanadium (V)	ug/g	30	18	28	27	27	27	5	1710823
Acid Extractable Zinc (Zn)	ug/g	43	86	66	36	43	49	5	1710823

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A8F2407
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: AREA A, LAKESHORE BLVD@LESLIE S

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		BJ8453		BJ8454		BJ8455	BJ8456		
Sampling Date		2008/12/18 11:50		2008/12/18 11:55		2008/12/18 11:55	2008/12/18 12:00		
Units	BH-A9-2	QC Batch	BH-A10-1	QC Batch	BH-A10-2	BH-A11-2	RDL	QC Batch	
Metals									
Acid Extractable Antimony (Sb)	ug/g	0.3	1710409	0.2	1710763	<0.2	<0.2	0.2	1710823
Acid Extractable Arsenic (As)	ug/g	3	1710409	3	1710763	3	7	1	1710823
Acid Extractable Barium (Ba)	ug/g	53	1710409	87	1710763	45	26	0.5	1710823
Acid Extractable Beryllium (Be)	ug/g	0.3	1710409	0.7	1710763	<0.2	<0.2	0.2	1710823
Acid Extractable Cadmium (Cd)	ug/g	0.2	1710409	0.3	1710763	0.1	<0.1	0.1	1710823
Acid Extractable Chromium (Cr)	ug/g	15	1710409	22	1710763	12	9	1	1710823
Acid Extractable Cobalt (Co)	ug/g	5.9	1710409	8.7	1710763	4.9	2.4	0.1	1710823
Acid Extractable Copper (Cu)	ug/g	17	1710409	20	1710763	12	8.2	0.5	1710823
Acid Extractable Lead (Pb)	ug/g	28	1710409	21	1710763	17	17	1	1710823
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	1710409	0.5	1710763	<0.5	<0.5	0.5	1710823
Acid Extractable Nickel (Ni)	ug/g	12	1710409	17	1710763	9.4	5.0	0.5	1710823
Acid Extractable Selenium (Se)	ug/g	<0.5	1710409	0.5	1710763	<0.5	<0.5	0.5	1710823
Acid Extractable Silver (Ag)	ug/g	<0.2	1710409	<0.2	1710763	<0.2	<0.2	0.2	1710823
Acid Extractable Thallium (Tl)	ug/g	0.07	1710409	0.14	1710763	0.06	<0.05	0.05	1710823
Acid Extractable Vanadium (V)	ug/g	20	1710409	33	1710763	22	17	5	1710823
Acid Extractable Zinc (Zn)	ug/g	65	1710409	57	1710763	38	30	5	1710823

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A8F2407
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: AREA A, LAKESHORE BLVD@LESLIE S

QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	Units	Value (%)	QC Limits	% Recovery	QC Limits
1708802	Grain Size	2008/12/24					NC	20		
1708802	Sieve - #200 (<0.075mm)	2008/12/24					0.6	20		
1708802	Sieve - #200 (>0.075mm)	2008/12/24					0.9	20		
1710409	Acid Extractable Antimony (Sb)	2008/12/30	106	75 - 125	<0.2	ug/g	NC	35	84	75 - 125
1710409	Acid Extractable Arsenic (As)	2008/12/30	107	75 - 125	<1	ug/g	NC	35	89	75 - 125
1710409	Acid Extractable Barium (Ba)	2008/12/30	NC ⁽¹⁾	75 - 125	<0.5	ug/g	5.9	35	94	75 - 125
1710409	Acid Extractable Beryllium (Be)	2008/12/30	109	75 - 125	<0.2	ug/g	NC	35	90	75 - 125
1710409	Acid Extractable Cadmium (Cd)	2008/12/30	114	75 - 125	<0.1	ug/g	NC	35	89	75 - 125
1710409	Acid Extractable Chromium (Cr)	2008/12/30	108	75 - 125	<1	ug/g	3.8	35	82	75 - 125
1710409	Acid Extractable Cobalt (Co)	2008/12/30	101	75 - 125	<0.1	ug/g	3.0	35	87	75 - 125
1710409	Acid Extractable Copper (Cu)	2008/12/30	104	75 - 125	<0.5	ug/g	1.9	35	92	75 - 125
1710409	Acid Extractable Lead (Pb)	2008/12/30	NC ⁽¹⁾	75 - 125	<1	ug/g	0.5	35	101	75 - 125
1710409	Acid Extractable Molybdenum (Mo)	2008/12/30	108	75 - 125	<0.5	ug/g	NC	35	81	75 - 125
1710409	Acid Extractable Nickel (Ni)	2008/12/30	105	75 - 125	<0.5	ug/g	4.6	35	84	75 - 125
1710409	Acid Extractable Selenium (Se)	2008/12/30	107	75 - 125	<0.5	ug/g	NC	35	59	50 - 150
1710409	Acid Extractable Silver (Ag)	2008/12/30	99	75 - 125	<0.2	ug/g	NC	35	82	75 - 125
1710409	Acid Extractable Thallium (Tl)	2008/12/30	107	75 - 125	<0.05	ug/g	NC	35	93	75 - 125
1710409	Acid Extractable Vanadium (V)	2008/12/30	108	75 - 125	<5	ug/g	NC	35	88	75 - 125
1710409	Acid Extractable Zinc (Zn)	2008/12/30	NC ⁽¹⁾	75 - 125	<5	ug/g	11.4	35	89	75 - 125
1710763	Acid Extractable Antimony (Sb)	2008/12/30	103	75 - 125	<0.2	ug/g	NC	35	94	75 - 125
1710763	Acid Extractable Arsenic (As)	2008/12/30	105	75 - 125	<1	ug/g	8.6	35	91	75 - 125
1710763	Acid Extractable Barium (Ba)	2008/12/30	NC ⁽²⁾	75 - 125	<0.5	ug/g	0.7	35	96	75 - 125
1710763	Acid Extractable Beryllium (Be)	2008/12/30	108	75 - 125	<0.2	ug/g	NC	35	91 ⁽³⁾	75 - 125
1710763	Acid Extractable Cadmium (Cd)	2008/12/30	110	75 - 125	<0.1	ug/g	NC	35	92	75 - 125
1710763	Acid Extractable Chromium (Cr)	2008/12/30	106	75 - 125	<1	ug/g	4.7	35	87	75 - 125
1710763	Acid Extractable Cobalt (Co)	2008/12/30	99	75 - 125	<0.1	ug/g	9.4	35	87	75 - 125
1710763	Acid Extractable Copper (Cu)	2008/12/30	103	75 - 125	<0.5	ug/g	8.9	35	96	75 - 125
1710763	Acid Extractable Lead (Pb)	2008/12/30	105	75 - 125	<1	ug/g	2.4	35	103	75 - 125
1710763	Acid Extractable Molybdenum (Mo)	2008/12/30	104	75 - 125	<0.5	ug/g	NC	35	101	75 - 125
1710763	Acid Extractable Nickel (Ni)	2008/12/30	101	75 - 125	<0.5	ug/g	4.8	35	81	75 - 125
1710763	Acid Extractable Selenium (Se)	2008/12/30	109	75 - 125	<0.5	ug/g	NC	35	21 ⁽⁴⁾	50 - 150
1710763	Acid Extractable Silver (Ag)	2008/12/30	96	75 - 125	<0.2	ug/g	NC	35	92	75 - 125
1710763	Acid Extractable Thallium (Tl)	2008/12/30	105	75 - 125	<0.05	ug/g	NC	35	92	75 - 125
1710763	Acid Extractable Vanadium (V)	2008/12/30	107	75 - 125	<5	ug/g	NC	35	98	75 - 125
1710763	Acid Extractable Zinc (Zn)	2008/12/30	NC ⁽²⁾	75 - 125	<5	ug/g	9.1	35	90	75 - 125
1710823	Acid Extractable Antimony (Sb)	2008/12/30	104	75 - 125	<0.2	ug/g	NC	35	91	75 - 125
1710823	Acid Extractable Arsenic (As)	2008/12/30	106	75 - 125	<1	ug/g	NC	35	94	75 - 125
1710823	Acid Extractable Barium (Ba)	2008/12/30	103	75 - 125	<0.5	ug/g	4.7	35	85	75 - 125
1710823	Acid Extractable Beryllium (Be)	2008/12/30	104	75 - 125	<0.2	ug/g	NC	35	91	75 - 125
1710823	Acid Extractable Cadmium (Cd)	2008/12/30	109	75 - 125	<0.1	ug/g	0.07	35	88	75 - 125

Maxxam Job #: A8F2407
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: AREA A, LAKESHORE BLVD@LESLIE S

QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	Units	Value (%)	QC Limits	% Recovery	QC Limits
1710823	Acid Extractable Chromium (Cr)	2008/12/30	104	75 - 125	<1	ug/g	6.1	35	79	75 - 125
1710823	Acid Extractable Cobalt (Co)	2008/12/30	97	75 - 125	<0.1	ug/g	3.0	35	84	75 - 125
1710823	Acid Extractable Copper (Cu)	2008/12/30	95	75 - 125	<0.5	ug/g	1.6	35	90	75 - 125
1710823	Acid Extractable Lead (Pb)	2008/12/30	98	75 - 125	<1	ug/g	28.4	35	97	75 - 125
1710823	Acid Extractable Molybdenum (Mo)	2008/12/30	106	75 - 125	<0.5	ug/g	NC	35	76	75 - 125
1710823	Acid Extractable Nickel (Ni)	2008/12/30	94	75 - 125	<0.5	ug/g	8.1	35	82	75 - 125
1710823	Acid Extractable Selenium (Se)	2008/12/30	106	75 - 125	<0.5	ug/g	NC	35	87	50 - 150
1710823	Acid Extractable Silver (Ag)	2008/12/30	97	75 - 125	<0.2	ug/g	NC	35	94	75 - 125
1710823	Acid Extractable Thallium (Tl)	2008/12/30	99	75 - 125	<0.05	ug/g	NC	35	86	75 - 125
1710823	Acid Extractable Vanadium (V)	2008/12/30	105	75 - 125	7, RDL=5	ug/g	NC	35	106	75 - 125
1710823	Acid Extractable Zinc (Zn)	2008/12/30	NC ⁽¹⁾	75 - 125	<5	ug/g	6.5	35	86	75 - 125

N/A = Not Applicable

NC = Non-calculable

RDL = Reportable Detection Limit

RPD = Relative Percent Difference

(1) - The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

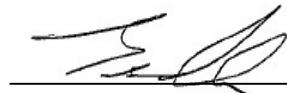
(2) - The recovery in the matrix spike was not calculated (NC). Spiked concentration was less than 2x that native to the sample.

(3) - Metal analysis: On the Control Chart for Beryllium 4 out of 5 points were below 1 sigma.

(4) - The recovery was below the lower control limit. This may represent a low bias in some results for flagged analytes.

Validation Signature Page**Maxxam Job #: A8F2407**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



BRAD NEWMAN, Scientific Specialist

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

INVOICE INFORMATION	
Company Name:	Aqua Terre Solutions Inc.
Contact Name:	Thom Kewen /Allison McIntosh
Address:	1100 Sheppard Ave.W, Suite 200 Toronto, ON M3K 2B4
Phone:	416-635-5882
Fax:	416-635-5353
Email:	t.kewen@aquaterre.ca / amcintosh@aquaterre.ca

REPORT	
Company Name:	
Contact Name:	
Address:	
Phone:	
Fax:	
Email:	

 20-Dec-08 11:15
 RENATA SZURSKI

 A8F2407
 DKN ENV-100

CHAIN OF CUSTODY RECORD

Page 1 of 2

PROJECT INFORMATION	MAXXAM JOB NUMBER
Quotation #:	Aquaterre-08
P.O. #:	
Project #:	08729A
Project Name:	Lakeshore Blvd. Et Leslie St.
Location:	Area A
Sampled By:	A. McIntosh

 CHAIN OF CUSTODY #
00464566
REGULATORY CRITERIA

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.

<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other
<input type="checkbox"/> PWQO	<input type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary	
	<input type="checkbox"/> Table 2	Storm	specify
<input checked="" type="checkbox"/> Table 3	Region: _____		
<input type="checkbox"/> Reg. 558			

 Report Criteria on C of A?
SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.

	Sample Identification	Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	0. Reg. 153 Method Short List Grain Size / Sieve 75mm PHT	# of Cont.	COMMENTS / TAT COMMENTS
1	BH-A1-1	13 Dec 08	09:45	Soil	-	X		1	
2	BH-A1-2		09:45		--	X		1	
3	BH-A2-1		10:30		--	XX		1	
4	BH-A2-2		10:30		--	X		1	
5	BH-A3-2		10:45		--	X		1	
6	BH-A4-1		11:00		--	X		1	
7	BH-A4-2		11:00		--	X		1	
8	BH-A5-2		11:15		--	X		1	
9	BH-A6-2		11:30		--	X		1	DEC 20 '08 11:15
10	BH-A7-1		11:40		--	X		1	
11	BH-A7-2		11:40		--	X		1	
12	BH-A8-2		11:45		--	X		1	

RELINQUISHED BY (Signature/Print)	RECEIVED BY (Signature/Print)	Date	Time	Laboratory Use Only	
allison mcintosh	D. J. Gung ASWNSI	19 Dec 08 08/12/10	10:30 11:15	Temperature (°C) on Receipt -11/12°C	Condition of Sample on Receipt <input type="checkbox"/> OK <input type="checkbox"/> SIF

***MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.**

ENVCO-C-ONT-05/06

Page 8 of 9

White: Maxxam

Yellow: Mail

Pink: Client

INVOICE INFORMATION	
Company Name: <u>Aqua Terre Solutions Inc.</u>	REPOR
Contact Name: <u>Thom Kewen / Allison McIntosh</u>	Company Name:
Address: <u>1100 Sheppard Ave. W, Suite 200</u>	Contact Name:
Toronto, ON	Address:
Phone: <u>416-635-5882</u>	Phone:
Fax: <u>416-635-5353</u>	Fax:
Email: <u>tkewen@aquaterre.ca / amcintosh@aquaterre.ca</u>	Email:

20-Dec-08 11:15
 RENATA SZURSKI

 A8F2407
 DKN ENV-100

CHAIN OF CUSTODY RECORD

 Page 2 of 2

PROJECT INFORMATION	MAXXAM JOB NUMBER
Quotation #: <u>AquaTerre-08</u>	
P.O. #:	
Project #: <u>08729A</u>	
Project Name: <u>Lakeshore Blvd. Et. Leslie St.</u>	
Location: <u>Area A</u>	
Sampled By: <u>A. McIntosh</u>	
CHAIN OF CUSTODY #	
OO 464567	

REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)				TURNAROUND TIME (TAT) REQUIRED				
Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.												
<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other	<input type="checkbox"/> Regulated Drinking Water? (Y / N)	<input type="checkbox"/> Metals Field Filtered? (Y / N)	<input type="checkbox"/> O. Reg. 153 metals Show List	<input checked="" type="checkbox"/> Regular (Standard) TAT: 5 to 7 Working Days	PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.				
<input type="checkbox"/> PWQO	<input type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary	<input type="checkbox"/> Storm	<input type="checkbox"/> specify	<input type="checkbox"/> 1 day	<input type="checkbox"/> 2 days	<input type="checkbox"/> 3 days	<input type="checkbox"/> Rush TAT: Rush Confirmation #: _____ (call Lab for #)				
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Region: _____						<input type="checkbox"/> DATE Required: _____				
	<input checked="" type="checkbox"/> Table 3							<input type="checkbox"/> TIME Required: _____				
Report Criteria on C of A? <input type="checkbox"/>												

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.

	Sample Identification	Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	1 Regulated Drinking Water? (Y / N)	1 Metals Field Filtered? (Y / N)	0. Reg. 153 metals Show List	# of Cont.	COMMENTS / TAT COMMENTS			
1	BH-A9-2	18 Dec. 08	11:50	Soil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1				
2	BH-A10-1		11:55		<input type="checkbox"/>	<input checked="" type="checkbox"/>		1				
3	BH-A10-2		11:55		<input type="checkbox"/>	<input checked="" type="checkbox"/>		1				
4	BH-A11-2		12:00		<input type="checkbox"/>	<input checked="" type="checkbox"/>		1				
5												
6												
7												
8												
9												
10												
11												
12												

RELINQUISHED BY (Signature/Print)	RECEIVED BY (Signature/Print)	Date	Time	Laboratory Use Only		
<u>Allison McIntosh</u>	<u>R. Kewen</u>	19 Dec. 08	10:30	Temperature (°C) on Receipt	Condition of Sample on Receipt	
		08/12/20	11:15	-11/20	<input type="checkbox"/> OK <input type="checkbox"/> SIF	

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

ENVCOC-ONT-05/06

Your Project #: 08729A
Site: LAKESHORE BLVD & LESLIE ST
Your C.O.C. #: 00464570, 00464571

Attention: Thom Kewen

Aqua Terre Solutions Inc
1100 Sheppard Ave W
Suite 200
Toronto, ON
M3K 2B4

Report Date: 2009/01/02

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A8F3280**

Received: 2008/12/23, 12:15

Sample Matrix: Soil

Samples Received: 16

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Acid Extr. Metals (aqua regia) by ICPMS	15	2008/12/30	2008/12/31	CAM SOP-00447	EPA 6020
pH CaCl ₂ EXTRACT	2	N/A	2008/12/31	CAM SOP-00413	SM 4500 H
Sieve, 75um (1)	2	N/A	2008/12/29	CAM SOP-00467	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The Sieve test has been validated in accordance with ISO Guide 17025 requirements. SCC accreditation pending.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 15

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2412	BK2413	BK2415		
Sampling Date		2008/12/22 08:55	2008/12/22 08:55	2008/12/22 09:00		
COC Number		00464570	00464570	00464570		
	Units	BH-B1-1	BH-B1-2	BH-B2-2	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	1.0	3.2	0.5	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	4	5	2	1	1711447
Acid Extractable Barium (Ba)	ug/g	82	80	44	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.4	0.3	0.2	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.5	0.7	0.4	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	17	19	13	1	1711447
Acid Extractable Cobalt (Co)	ug/g	6.1	4.1	3.8	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	29	51	19	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	78	210	67	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	0.6	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	12	11	8.5	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	0.3	0.5	0.3	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.07	0.08	0.07	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	25	21	21	5	1711447
Acid Extractable Zinc (Zn)	ug/g	100	180	77	5	1711447
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2416	BK2417	BK2418		
Sampling Date		2008/12/22 09:05	2008/12/22 09:05	2008/12/22 09:20		
COC Number		00464570	00464570	00464570		
	Units	BH-B3-2	BH-B30-2	BH-B4-2	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	<0.2	0.3	0.5	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	2	3	3	1	1711447
Acid Extractable Barium (Ba)	ug/g	62	66	71	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.3	0.4	0.4	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.3	0.3	0.5	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	13	14	18	1	1711447
Acid Extractable Cobalt (Co)	ug/g	5.1	5.5	5.8	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	11	14	25	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	15	31	73	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	10	10	11	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	0.3	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.07	0.08	0.09	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	28	27	28	5	1711447
Acid Extractable Zinc (Zn)	ug/g	40	55	77	5	1711447
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2419		BK2420		
Sampling Date		2008/12/22 09:30		2008/12/22 09:40		
COC Number		00464570		00464570		
	Units	BH-B5-2	QC Batch	BH-B6-1	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	0.2	1711447	0.2	0.2	1711459
Acid Extractable Arsenic (As)	ug/g	3	1711447	3	1	1711459
Acid Extractable Barium (Ba)	ug/g	79	1711447	74	0.5	1711459
Acid Extractable Beryllium (Be)	ug/g	0.5	1711447	0.7	0.2	1711459
Acid Extractable Cadmium (Cd)	ug/g	0.4	1711447	0.3	0.1	1711459
Acid Extractable Chromium (Cr)	ug/g	17	1711447	17	1	1711459
Acid Extractable Cobalt (Co)	ug/g	6.5	1711447	7.3	0.1	1711459
Acid Extractable Copper (Cu)	ug/g	16	1711447	15	0.5	1711459
Acid Extractable Lead (Pb)	ug/g	27	1711447	20	1	1711459
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	1711447	<0.5	0.5	1711459
Acid Extractable Nickel (Ni)	ug/g	12	1711447	14	0.5	1711459
Acid Extractable Selenium (Se)	ug/g	<0.5	1711447	<0.5	0.5	1711459
Acid Extractable Silver (Ag)	ug/g	<0.2	1711447	<0.2	0.2	1711459
Acid Extractable Thallium (Tl)	ug/g	0.09	1711447	0.11	0.05	1711459
Acid Extractable Vanadium (V)	ug/g	31	1711447	27	5	1711459
Acid Extractable Zinc (Zn)	ug/g	54	1711447	57	5	1711459

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2421	BK2422	BK2423		
Sampling Date		2008/12/22 09:40	2008/12/22 09:45	2008/12/22 09:50		
COC Number		00464570	00464570	00464570		
	Units	BH-B6-2	BH-B7-2	BH-B8-1	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	0.3	2.0	<0.2	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	3	8	3	1	1711447
Acid Extractable Barium (Ba)	ug/g	81	97	90	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.5	0.4	0.7	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.4	0.4	0.3	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	18	18	19	1	1711447
Acid Extractable Cobalt (Co)	ug/g	8.4	6.2	9.6	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	27	38	16	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	65	180	16	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	0.8	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	14	17	16	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	<0.2	0.4	<0.2	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.10	0.10	0.14	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	33	36	37	5	1711447
Acid Extractable Zinc (Zn)	ug/g	62	170	50	5	1711447
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2424	BK2424	BK2425		
Sampling Date		2008/12/22 09:50	2008/12/22 09:50	2008/12/22 09:55		
COC Number		00464571	00464571	00464571		
	Units	BH-B8-2	BH-B8-2 Lab-Dup	BH-B9-1	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	<0.2	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	3	3	2	1	1711447
Acid Extractable Barium (Ba)	ug/g	79	82	62	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.6	0.6	0.4	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.2	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	17	17	13	1	1711447
Acid Extractable Cobalt (Co)	ug/g	7.8	8.4	5.3	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	15	15	13	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	14	15	17	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	13	14	10	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.9	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	<0.2	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.11	0.11	0.08	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	33	34	21	5	1711447
Acid Extractable Zinc (Zn)	ug/g	46	47	44	5	1711447

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2426	BK2427		
Sampling Date		2008/12/22 09:55	2008/12/22 10:00		
COC Number		00464571	00464571		

Metals					
Acid Extractable Antimony (Sb)	ug/g	2.2	0.2	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	4	3	1	1711447
Acid Extractable Barium (Ba)	ug/g	68	90	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.3	0.5	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.7	0.3	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	18	20	1	1711447
Acid Extractable Cobalt (Co)	ug/g	5.0	9.8	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	46	19	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	150	26	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	0.5	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	12	16	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	0.6	<0.2	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.08	0.12	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	18	31	5	1711447
Acid Extractable Zinc (Zn)	ug/g	160	62	5	1711447

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A8F3280
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD & LESLIE ST

RESULTS OF ANALYSES OF SOIL

Maxxam ID		BK2414		BK2427		
Sampling Date		2008/12/22 09:00		2008/12/22 10:00		
COC Number		00464570		00464571		
	Units	BH-B2-1	QC Batch	BH-B10-2	RDL	QC Batch

Inorganics						
Available (CaCl ₂) pH	pH	7.17	1710903	7.05		1710897
Miscellaneous Parameters						
Grain Size	%	FINE	1709829	FINE	N/A	1709829
Sieve - #200 (<0.075mm)	%	54	1709829	82	N/A	1709829
Sieve - #200 (>0.075mm)	%	46	1709829	18	N/A	1709829

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam ID		BK2427		
Sampling Date		2008/12/22 10:00		
COC Number		00464571		
	Units	BH-B10-2 Lab-Dup	RDL	QC Batch

Inorganics					
Available (CaCl ₂) pH	pH	7.05		1710897	
Miscellaneous Parameters					

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A8F3280
Report Date: 2009/01/02

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD & LESLIE ST

Package 1	0.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Project name: LAKESHORE BLVD & LESLIE ST

Quality Assurance Report
 Maxxam Job Number: MA8F3280

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1709829 MGE	RPD	Grain Size	2008/12/29	NC		%	20
		Sieve - #200 (<0.075mm)	2008/12/29	0.4		%	20
		Sieve - #200 (>0.075mm)	2008/12/29	0.03		%	20
1711447 MIL [BK2424-01]	MATRIX SPIKE	Acid Extractable Antimony (Sb)	2008/12/31		96	%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31		105	%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31		NC (1)	%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31		103	%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31		107	%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31		106	%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31		104	%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31		103	%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31		107	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31		104	%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31		107	%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31		103	%	75 - 125
		Acid Extractable Silver (Ag)	2008/12/31		101	%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31		104	%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31		NC (1)	%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31		NC (1)	%	75 - 125
		QC STANDARD					
		Acid Extractable Antimony (Sb)	2008/12/31		92	%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31		96	%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31		76	%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31		83	%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31		93	%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31		81	%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31		88	%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31		101	%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31		106	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31		71 (2)	%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31		87	%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31		62	%	50 - 150
		Acid Extractable Silver (Ag)	2008/12/31		88	%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31		90	%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31		104	%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31		93	%	75 - 125
Method Blank		Acid Extractable Antimony (Sb)	2008/12/31	<0.2		ug/g	
		Acid Extractable Arsenic (As)	2008/12/31	<1		ug/g	
		Acid Extractable Barium (Ba)	2008/12/31	<0.5		ug/g	
		Acid Extractable Beryllium (Be)	2008/12/31	<0.2		ug/g	
		Acid Extractable Cadmium (Cd)	2008/12/31	<0.1		ug/g	
		Acid Extractable Chromium (Cr)	2008/12/31	<1		ug/g	
		Acid Extractable Cobalt (Co)	2008/12/31	<0.1		ug/g	
		Acid Extractable Copper (Cu)	2008/12/31	<0.5		ug/g	
		Acid Extractable Lead (Pb)	2008/12/31	<1		ug/g	
		Acid Extractable Molybdenum (Mo)	2008/12/31	<0.5		ug/g	
		Acid Extractable Nickel (Ni)	2008/12/31	<0.5		ug/g	
		Acid Extractable Selenium (Se)	2008/12/31	<0.5		ug/g	
		Acid Extractable Silver (Ag)	2008/12/31	<0.2		ug/g	
RPD [BK2424-01]		Acid Extractable Thallium (Tl)	2008/12/31	<0.05		ug/g	
		Acid Extractable Vanadium (V)	2008/12/31	7, RDL=5		ug/g	
		Acid Extractable Zinc (Zn)	2008/12/31	<5		ug/g	
		Acid Extractable Antimony (Sb)	2008/12/31	NC		%	35
		Acid Extractable Arsenic (As)	2008/12/31	NC		%	35
		Acid Extractable Barium (Ba)	2008/12/31	3.5		%	35

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Project name: LAKESHORE BLVD & LESLIE ST

Quality Assurance Report (Continued)

Maxxam Job Number: MA8F3280

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1711447 MIL	RPD [BK2424-01]	Acid Extractable Beryllium (Be)	2008/12/31	NC		%	35
		Acid Extractable Cadmium (Cd)	2008/12/31	NC		%	35
		Acid Extractable Chromium (Cr)	2008/12/31	3.3		%	35
		Acid Extractable Cobalt (Co)	2008/12/31	7.0		%	35
		Acid Extractable Copper (Cu)	2008/12/31	0.4		%	35
		Acid Extractable Lead (Pb)	2008/12/31	6.5		%	35
		Acid Extractable Molybdenum (Mo)	2008/12/31	NC		%	35
		Acid Extractable Nickel (Ni)	2008/12/31	6.0		%	35
		Acid Extractable Selenium (Se)	2008/12/31	NC		%	35
		Acid Extractable Silver (Ag)	2008/12/31	NC		%	35
		Acid Extractable Thallium (Tl)	2008/12/31	NC		%	35
		Acid Extractable Vanadium (V)	2008/12/31	2.3		%	35
		Acid Extractable Zinc (Zn)	2008/12/31	3.4		%	35
1711459 MIL	MATRIX SPIKE	Acid Extractable Antimony (Sb)	2008/12/31		103	%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31		104	%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31		NC (1)	%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31		102	%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31		105	%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31		101	%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31		99	%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31		95	%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31		100	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31		102	%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31		101	%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31		103	%	75 - 125
		Acid Extractable Silver (Ag)	2008/12/31		98	%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31		104	%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31		99	%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31		NC (1)	%	75 - 125
	QC STANDARD	Acid Extractable Antimony (Sb)	2008/12/31		103	%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31		101	%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31		102	%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31		80	%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31		94	%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31		92	%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31		93	%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31		105	%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31		104	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31		94	%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31		91	%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31		57	%	50 - 150
		Acid Extractable Silver (Ag)	2008/12/31		92	%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31		93	%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31		105	%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31		96	%	75 - 125
Method Blank		Acid Extractable Antimony (Sb)	2008/12/31	<0.2		ug/g	
		Acid Extractable Arsenic (As)	2008/12/31	<1		ug/g	
		Acid Extractable Barium (Ba)	2008/12/31	<0.5		ug/g	
		Acid Extractable Beryllium (Be)	2008/12/31	<0.2		ug/g	
		Acid Extractable Cadmium (Cd)	2008/12/31	<0.1		ug/g	
		Acid Extractable Chromium (Cr)	2008/12/31	<1		ug/g	
		Acid Extractable Cobalt (Co)	2008/12/31	<0.1		ug/g	
		Acid Extractable Copper (Cu)	2008/12/31	<0.5		ug/g	
		Acid Extractable Lead (Pb)	2008/12/31	<1		ug/g	
		Acid Extractable Molybdenum (Mo)	2008/12/31	<0.5		ug/g	

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Project name: LAKESHORE BLVD & LESLIE ST

Quality Assurance Report (Continued)

Maxxam Job Number: MA8F3280

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1711459 MIL	Method Blank	Acid Extractable Nickel (Ni)	2008/12/31	<0.5		ug/g	
		Acid Extractable Selenium (Se)	2008/12/31	<0.5		ug/g	
		Acid Extractable Silver (Ag)	2008/12/31	<0.2		ug/g	
		Acid Extractable Thallium (Tl)	2008/12/31	<0.05		ug/g	
		Acid Extractable Vanadium (V)	2008/12/31	<5		ug/g	
		Acid Extractable Zinc (Zn)	2008/12/31	<5		ug/g	
		Acid Extractable Antimony (Sb)	2008/12/31	NC		%	35
		Acid Extractable Arsenic (As)	2008/12/31	NC		%	35
		Acid Extractable Barium (Ba)	2008/12/31	4.1		%	35
		Acid Extractable Beryllium (Be)	2008/12/31	NC		%	35
		Acid Extractable Cadmium (Cd)	2008/12/31	NC		%	35
		Acid Extractable Chromium (Cr)	2008/12/31	1.9		%	35
		Acid Extractable Cobalt (Co)	2008/12/31	8.0		%	35
		Acid Extractable Copper (Cu)	2008/12/31	0.4		%	35
		Acid Extractable Lead (Pb)	2008/12/31	8.5		%	35
		Acid Extractable Molybdenum (Mo)	2008/12/31	NC		%	35
		Acid Extractable Nickel (Ni)	2008/12/31	0.5		%	35
		Acid Extractable Selenium (Se)	2008/12/31	NC		%	35
		Acid Extractable Silver (Ag)	2008/12/31	NC		%	35
		Acid Extractable Thallium (Tl)	2008/12/31	NC		%	35
		Acid Extractable Vanadium (V)	2008/12/31	NC		%	35
		Acid Extractable Zinc (Zn)	2008/12/31	3.0		%	35

NC = Non-calculable

RPD = Relative Percent Difference

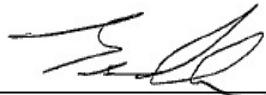
QC Standard = Quality Control Standard

(1) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

(2) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

Validation Signature Page**Maxxam Job #: A8F3280**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



BRAD NEWMAN, Scientific Specialist

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

CHAIN OF CUSTODY RECORD

Page 1 of 2

INVOICE INFORMATION	
Company Name:	<u>Aqua Terre Solutions Inc.</u>
Contact Name:	<u>Than Kewen / Allison McIntosh</u>
Address:	<u>1100 Sheppard Ave. W. Suite 200</u> <u>Toronto, ON M3K 2B4</u>
Phone:	<u>416-635-5882</u> Fax: <u>416-635-5353</u>
Email:	<u>tkewen@aqaterre.ca / amcintosh@aqaterre.ca</u>

R	23-Dec-08 12:15
Company	RENATA SZURSKI
Contact N	
Address:	A8F3280
Phone:	ABO ENV-182

PROJECT INFORMATION	
Quotation #:	<u>AquaTerre - 08</u>
P.O. #:	<u>08729A</u>
Project #:	<u>4 Lakeshore Blvd E & Leslie St.</u>
Project Name:	<u>Area B</u>
Location:	<u>A. McIntosh</u>
Sampled By:	

MAXXAM JOB NUMBER	
CHAIN OF CUSTODY #	<u>00464570</u>

REGULATORY CRITERIA

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.

<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other
<input type="checkbox"/> PWQO	<input type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary	
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Storm	specify
<input checked="" type="checkbox"/> Table 3	Region: _____		
<input type="checkbox"/> Reg. 558			

Report Criteria on C of A?

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.

	Sample Identification	Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	D. Reg. 153 metals (short list)	grain size / Sieve 75um	ptt	# of Cont.	COMMENTS / TAT COMMENTS
1	BH-B1-1	22 Dec 08	08:55	Soil	- -	X				1	
2	BH-B1-2		08:55		- -	X				1	
3	BH-B2-1		09:00		- -	X				1	
4	BH-B2-2		09:00		- -	X				1	
5	BH-B3-2		09:05		- -	X				1	
6	BH-B30-2		09:05		- -	X				1	
7	BH-B4-2		09:20		- -	X				1	
8	BH-B5-2		09:30		- -	X				1	
9	BH-B6-1		09:40		- -	X				1	
10	BH-B6-2		09:40		- -	X				1	
11	BH-B7-2		09:45		- -	X				1	
12	BH-B8-1		09:50		- -	X				1	CUSTODY SEAL INTACT

RELINQUISHED BY (Signature/Print)	RECEIVED BY (Signature/Print)	Date	Time	Laboratory Use Only
<u>Allison McIntosh</u>	<u>ZOFIA ZERNA</u>	22 Dec 08	15:30	Temperature (°C) on Receipt Condition of Sample on Receipt 0/0/0 °C OK SIF
		08/12/23	12:15	

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

ENVCO-C-ONT-05/06

CHAIN OF CUSTODY RECORD

 Page 2 of 2

INVOICE INFORMATION		REPORT INFORMATION (if differs from invoice)		PROJECT INFORMATION		MAXXAM JOB NUMBER	
Company Name:	Aqua Terre Solutions Inc.	Company Name:		Quotation #:	<u>Aqua terre -08</u>	P.O. #:	<u>08729A</u>
Contact Name:	Thom Kewen / Allison McIntosh	Contact Name:		Project #:	<u>08729A</u>	Project Name:	<u>Lake Shore Blvd. Est. Site</u>
Address:	1100 Sheppard Ave. W Suite 200 Toronto, ON M3K 2B4	Address:		Location:	<u>Area B</u>	Sampled By:	<u>A. McIntosh</u>
Phone:	416-635-5882	Fax:	416-635-5353				00 464571
Email:	<u>tkewen@agaterre.ca</u>						

REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)				TURNAROUND TIME (TAT) REQUIRED			
Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.								PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.			
<input type="checkbox"/> MISA Reg. 153 Sewer Use <input type="checkbox"/> Other		<input type="checkbox"/> PWQO <input type="checkbox"/> Table 1 Sanitary <input type="checkbox"/> Table 2 Storm <input type="checkbox"/> specify		Regulated Drinking Water? (Y / N) <input checked="" type="checkbox"/> Metals Field Filtered? (Y / N) <u>0.1g 153 mesh (short list)</u> <u>gram size / sieve 75um</u> <u>pH</u>				Regular (Standard) TAT: <u>5 to 7 Working Days</u> Rush TAT: Rush Confirmation #: _____ <input type="checkbox"/> 1 day <input type="checkbox"/> 2 days <input type="checkbox"/> 3 days DATE Required: _____ TIME Required: _____			
<input type="checkbox"/> Reg. 558 Report Criteria on C of A? <input type="checkbox"/>								<small>Please note that TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.</small>			

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.

	Sample Identification	Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water?	Metals Field Filtered?	Comments / TAT Comments
1	BH-B8-2	22 Dec 08	09:50	Soil	-	X	1 <u>Note: zero jars filled with soil</u> <u>but not submitted for analysis</u>
2	BH-B9-1		09:55		-	X	1
3	BH-B9-2		09:55		-	X	1
4	BH-B10-2		10:00		--	X X X	2
5							
6							
7							
8							
9							
10							
11							
12							

RELINQUISHED BY (Signature/Print)	RECEIVED BY (Signature/Print)	Date	Time	Laboratory Use Only	
<u>Allison McIntosh</u>		22 Dec 08	15:30	Temperature (°C) on Receipt	Condition of Sample on Receipt
	<u>Zofia W. Huta</u>	08/12/23	12:15	0/0/0 °C	

***MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.**

ENVCO-C-ONT-05/06

Your Project #: 08729A
Site Location: LAKESHORE BLVD.E. & LESLIE ST.
Your C.O.C. #: 00464568, 00464569

Attention: Thom Kewen

Aqua Terre Solutions Inc
1100 Sheppard Ave W
Suite 200
Toronto, ON
M3K 2B4

Report Date: 2009/01/02

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A8F3289**

Received: 2008/12/23, 12:17

Sample Matrix: Soil

Samples Received: 16

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Acid Extr. Metals (aqua regia) by ICPMS	15	2008/12/30	2008/12/31	CAM SOP-00447	EPA 6020
pH CaCl ₂ EXTRACT	1	N/A	2009/01/02	CAM SOP-00413	SM 4500 H
Sieve, 75um (1)	1	N/A	2008/12/29	CAM SOP-00467	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The Sieve test has been validated in accordance with ISO Guide 17025 requirements. SCC accreditation pending.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 18

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2456	BK2456		
Sampling Date		2008/12/22 11:55	2008/12/22 11:55		
COC Number		00464568	00464568		
	Units	BH-A12-2	BH-A12-2 Lab-Dup	RDL	QC Batch

Metals					
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	0.2	1711459
Acid Extractable Arsenic (As)	ug/g	2	2	1	1711459
Acid Extractable Barium (Ba)	ug/g	52	50	0.5	1711459
Acid Extractable Beryllium (Be)	ug/g	0.4	0.4	0.2	1711459
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.1	1711459
Acid Extractable Chromium (Cr)	ug/g	13	13	1	1711459
Acid Extractable Cobalt (Co)	ug/g	5.9	5.4	0.1	1711459
Acid Extractable Copper (Cu)	ug/g	12	12	0.5	1711459
Acid Extractable Lead (Pb)	ug/g	15	14	1	1711459
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	0.5	1711459
Acid Extractable Nickel (Ni)	ug/g	11	11	0.5	1711459
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.5	1711459
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	0.2	1711459
Acid Extractable Thallium (Tl)	ug/g	0.09	0.10	0.05	1711459
Acid Extractable Vanadium (V)	ug/g	23	23	5	1711459
Acid Extractable Zinc (Zn)	ug/g	40	41	5	1711459
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2457	BK2458		
Sampling Date		2008/12/22 11:55	2008/12/22 11:50		
COC Number		00464568	00464568		
	Units	BH-A102-2	BH-A13-1	RDL	QC Batch

Metals					
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	0.2	1711431
Acid Extractable Arsenic (As)	ug/g	3	3	1	1711431
Acid Extractable Barium (Ba)	ug/g	51	68	0.5	1711431
Acid Extractable Beryllium (Be)	ug/g	0.5	0.6	0.2	1711431
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.1	1711431
Acid Extractable Chromium (Cr)	ug/g	12	16	1	1711431
Acid Extractable Cobalt (Co)	ug/g	5.9	7.6	0.1	1711431
Acid Extractable Copper (Cu)	ug/g	13	15	0.5	1711431
Acid Extractable Lead (Pb)	ug/g	15	15	1	1711431
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	0.5	1711431
Acid Extractable Nickel (Ni)	ug/g	11	13	0.5	1711431
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.5	1711431
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	0.2	1711431
Acid Extractable Thallium (Tl)	ug/g	0.08	0.09	0.05	1711431
Acid Extractable Vanadium (V)	ug/g	28	31	5	1711431
Acid Extractable Zinc (Zn)	ug/g	37	44	5	1711431
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2459		BK2460		
Sampling Date		2008/12/22 11:50		2008/12/22 11:45		
COC Number		00464568		00464568		
	Units	BH-A13-2	QC Batch	BH-A14-2	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	<0.2	1711447	<0.2	0.2	1711431
Acid Extractable Arsenic (As)	ug/g	2	1711447	3	1	1711431
Acid Extractable Barium (Ba)	ug/g	75	1711447	69	0.5	1711431
Acid Extractable Beryllium (Be)	ug/g	0.5	1711447	0.4	0.2	1711431
Acid Extractable Cadmium (Cd)	ug/g	0.2	1711447	0.2	0.1	1711431
Acid Extractable Chromium (Cr)	ug/g	16	1711447	15	1	1711431
Acid Extractable Cobalt (Co)	ug/g	7.7	1711447	6.8	0.1	1711431
Acid Extractable Copper (Cu)	ug/g	14	1711447	14	0.5	1711431
Acid Extractable Lead (Pb)	ug/g	14	1711447	13	1	1711431
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	1711447	<0.5	0.5	1711431
Acid Extractable Nickel (Ni)	ug/g	13	1711447	12	0.5	1711431
Acid Extractable Selenium (Se)	ug/g	<0.5	1711447	<0.5	0.5	1711431
Acid Extractable Silver (Ag)	ug/g	<0.2	1711447	<0.2	0.2	1711431
Acid Extractable Thallium (Tl)	ug/g	0.11	1711447	0.09	0.05	1711431
Acid Extractable Vanadium (V)	ug/g	28	1711447	30	5	1711431
Acid Extractable Zinc (Zn)	ug/g	47	1711447	41	5	1711431

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2461	BK2462	BK2463		
Sampling Date		2008/12/22 11:40	2008/12/22 11:40	2008/12/22 11:35		
COC Number		00464568	00464568	00464568		
	Units	BH-A15-2	BH-A105-2	BH-A16-2	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	<0.2	0.2	1711459
Acid Extractable Arsenic (As)	ug/g	2	2	2	1	1711459
Acid Extractable Barium (Ba)	ug/g	68	57	53	0.5	1711459
Acid Extractable Beryllium (Be)	ug/g	0.5	0.5	0.4	0.2	1711459
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.1	0.1	1711459
Acid Extractable Chromium (Cr)	ug/g	14	14	12	1	1711459
Acid Extractable Cobalt (Co)	ug/g	7.1	5.6	5.1	0.1	1711459
Acid Extractable Copper (Cu)	ug/g	13	11	9.4	0.5	1711459
Acid Extractable Lead (Pb)	ug/g	14	11	10	1	1711459
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	<0.5	0.5	1711459
Acid Extractable Nickel (Ni)	ug/g	12	10	9.6	0.5	1711459
Acid Extractable Selenium (Se)	ug/g	0.5	<0.5	<0.5	0.5	1711459
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	<0.2	0.2	1711459
Acid Extractable Thallium (Tl)	ug/g	0.09	0.09	0.08	0.05	1711459
Acid Extractable Vanadium (V)	ug/g	24	27	23	5	1711459
Acid Extractable Zinc (Zn)	ug/g	40	38	36	5	1711459
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2464		BK2466		
Sampling Date		2008/12/22 11:30		2008/12/22 11:25		
COC Number		00464568		00464568		
	Units	BH-A17-2	QC Batch	BH-A18-2	RDL	QC Batch

Metals						
Acid Extractable Antimony (Sb)	ug/g	<0.2	1711431	<0.2	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	4	1711431	2	1	1711447
Acid Extractable Barium (Ba)	ug/g	53	1711431	49	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.4	1711431	0.3	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.2	1711431	0.2	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	14	1711431	11	1	1711447
Acid Extractable Cobalt (Co)	ug/g	6.5	1711431	4.6	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	14	1711431	9.6	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	14	1711431	11	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	1711431	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	12	1711431	8.8	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	1711431	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	<0.2	1711431	<0.2	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	0.07	1711431	0.07	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	28	1711431	21	5	1711447
Acid Extractable Zinc (Zn)	ug/g	42	1711431	35	5	1711447

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2467	BK2468		
Sampling Date		2008/12/22 11:20	2008/12/22 11:20		
COC Number		00464568	00464569		
	Units	BH-A19-1	BH-A19-2	RDL	QC Batch

Metals					
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	0.2	1711459
Acid Extractable Arsenic (As)	ug/g	2	2	1	1711459
Acid Extractable Barium (Ba)	ug/g	50	52	0.5	1711459
Acid Extractable Beryllium (Be)	ug/g	0.3	0.4	0.2	1711459
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.1	1711459
Acid Extractable Chromium (Cr)	ug/g	12	13	1	1711459
Acid Extractable Cobalt (Co)	ug/g	4.6	4.7	0.1	1711459
Acid Extractable Copper (Cu)	ug/g	9.2	9.0	0.5	1711459
Acid Extractable Lead (Pb)	ug/g	10	10	1	1711459
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	0.5	1711459
Acid Extractable Nickel (Ni)	ug/g	9.2	9.4	0.5	1711459
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.5	1711459
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	0.2	1711459
Acid Extractable Thallium (Tl)	ug/g	0.07	0.08	0.05	1711459
Acid Extractable Vanadium (V)	ug/g	24	24	5	1711459
Acid Extractable Zinc (Zn)	ug/g	35	37	5	1711459
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A8F3289
 Report Date: 2009/01/02

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2469	BK2470		
Sampling Date		2008/12/22 11:20	2008/12/22 11:10		
COC Number		00464569	00464569		
	Units	BH-A109-1	BH-A20-2	RDL	QC Batch

Metals					
Acid Extractable Antimony (Sb)	ug/g	<0.2	<0.2	0.2	1711431
Acid Extractable Arsenic (As)	ug/g	2	2	1	1711431
Acid Extractable Barium (Ba)	ug/g	50	44	0.5	1711431
Acid Extractable Beryllium (Be)	ug/g	0.4	0.4	0.2	1711431
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.2	0.1	1711431
Acid Extractable Chromium (Cr)	ug/g	11	10	1	1711431
Acid Extractable Cobalt (Co)	ug/g	4.5	3.9	0.1	1711431
Acid Extractable Copper (Cu)	ug/g	9.5	9.0	0.5	1711431
Acid Extractable Lead (Pb)	ug/g	10	11	1	1711431
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	<0.5	0.5	1711431
Acid Extractable Nickel (Ni)	ug/g	8.0	7.7	0.5	1711431
Acid Extractable Selenium (Se)	ug/g	<0.5	<0.5	0.5	1711431
Acid Extractable Silver (Ag)	ug/g	<0.2	<0.2	0.2	1711431
Acid Extractable Thallium (Tl)	ug/g	0.06	0.06	0.05	1711431
Acid Extractable Vanadium (V)	ug/g	24	23	5	1711431
Acid Extractable Zinc (Zn)	ug/g	34	35	5	1711431
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A8F3289
Report Date: 2009/01/02

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD.E. & LESLIE ST.

O'REG 153 METALS BY ICPMS (SOIL)

Maxxam ID		BK2471		
Sampling Date		2008/12/22 11:35		
COC Number		00464569		
	Units	BH-A16-1	RDL	QC Batch

Metals				
Acid Extractable Antimony (Sb)	ug/g	<0.2	0.2	1711447
Acid Extractable Arsenic (As)	ug/g	2	1	1711447
Acid Extractable Barium (Ba)	ug/g	41	0.5	1711447
Acid Extractable Beryllium (Be)	ug/g	0.4	0.2	1711447
Acid Extractable Cadmium (Cd)	ug/g	0.2	0.1	1711447
Acid Extractable Chromium (Cr)	ug/g	9	1	1711447
Acid Extractable Cobalt (Co)	ug/g	3.8	0.1	1711447
Acid Extractable Copper (Cu)	ug/g	8.4	0.5	1711447
Acid Extractable Lead (Pb)	ug/g	9	1	1711447
Acid Extractable Molybdenum (Mo)	ug/g	<0.5	0.5	1711447
Acid Extractable Nickel (Ni)	ug/g	7.0	0.5	1711447
Acid Extractable Selenium (Se)	ug/g	<0.5	0.5	1711447
Acid Extractable Silver (Ag)	ug/g	<0.2	0.2	1711447
Acid Extractable Thallium (Tl)	ug/g	<0.05	0.05	1711447
Acid Extractable Vanadium (V)	ug/g	19	5	1711447
Acid Extractable Zinc (Zn)	ug/g	27	5	1711447
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A8F3289
Report Date: 2009/01/02

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD.E. & LESLIE ST.

RESULTS OF ANALYSES OF SOIL

Maxxam ID		BK2465		
Sampling Date		2008/12/22 11:25		
COC Number		00464568		
	Units	BH-A18-1	RDL	QC Batch

Inorganics				
Available (CaCl ₂) pH	pH	7.11		1710907
Miscellaneous Parameters				
Grain Size	%	FINE	N/A	1709829
Sieve - #200 (<0.075mm)	%	61	N/A	1709829
Sieve - #200 (>0.075mm)	%	39	N/A	1709829

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A8F3289
Report Date: 2009/01/02

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD.E. & LESLIE ST.

Package 1	0.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD.E. & LESLIE ST.

Quality Assurance Report
 Maxxam Job Number: MA8F3289

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1709829 MGE	RPD	Grain Size	2008/12/29	NC		%	20
		Sieve - #200 (<0.075mm)	2008/12/29	0.4		%	20
		Sieve - #200 (>0.075mm)	2008/12/29	0.03		%	20
1711431 MIL	MATRIX SPIKE	Acid Extractable Antimony (Sb)	2008/12/31		107	%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31		107	%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31		NC (1)	%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31		106	%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31		111	%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31		106	%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31		105	%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31		105	%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31		101	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31		106	%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31		107	%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31		104	%	75 - 125
		Acid Extractable Silver (Ag)	2008/12/31		102	%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31		106	%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31		NC (1)	%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31		104	%	75 - 125
	QC STANDARD	Acid Extractable Antimony (Sb)	2009/01/02		94	%	75 - 125
		Acid Extractable Arsenic (As)	2009/01/02		92	%	75 - 125
		Acid Extractable Barium (Ba)	2009/01/02		79	%	75 - 125
		Acid Extractable Beryllium (Be)	2009/01/02		93	%	75 - 125
		Acid Extractable Cadmium (Cd)	2009/01/02		91	%	75 - 125
		Acid Extractable Chromium (Cr)	2009/01/02		82	%	75 - 125
		Acid Extractable Cobalt (Co)	2009/01/02		85	%	75 - 125
		Acid Extractable Copper (Cu)	2009/01/02		101	%	75 - 125
		Acid Extractable Lead (Pb)	2009/01/02		98	%	75 - 125
		Acid Extractable Molybdenum (Mo)	2009/01/02		69 (2)	%	75 - 125
		Acid Extractable Nickel (Ni)	2009/01/02		91	%	75 - 125
		Acid Extractable Selenium (Se)	2009/01/02		74	%	50 - 150
		Acid Extractable Silver (Ag)	2009/01/02		97	%	75 - 125
		Acid Extractable Thallium (Tl)	2009/01/02		89	%	75 - 125
		Acid Extractable Vanadium (V)	2009/01/02		87	%	75 - 125
		Acid Extractable Zinc (Zn)	2009/01/02		90	%	75 - 125
Method Blank	RPD	Acid Extractable Antimony (Sb)	2008/12/31	<0.2		ug/g	
		Acid Extractable Arsenic (As)	2008/12/31	<1		ug/g	
		Acid Extractable Barium (Ba)	2008/12/31	<0.5		ug/g	
		Acid Extractable Beryllium (Be)	2008/12/31	<0.2		ug/g	
		Acid Extractable Cadmium (Cd)	2008/12/31	<0.1		ug/g	
		Acid Extractable Chromium (Cr)	2008/12/31	<1		ug/g	
		Acid Extractable Cobalt (Co)	2008/12/31	<0.1		ug/g	
		Acid Extractable Copper (Cu)	2008/12/31	<0.5		ug/g	
		Acid Extractable Lead (Pb)	2008/12/31	<1		ug/g	
		Acid Extractable Molybdenum (Mo)	2008/12/31	<0.5		ug/g	
		Acid Extractable Nickel (Ni)	2008/12/31	<0.5		ug/g	
		Acid Extractable Selenium (Se)	2008/12/31	<0.5		ug/g	
		Acid Extractable Silver (Ag)	2008/12/31	<0.2		ug/g	
		Acid Extractable Thallium (Tl)	2008/12/31	<0.05		ug/g	
RPD	RPD	Acid Extractable Vanadium (V)	2008/12/31	<5		ug/g	
		Acid Extractable Zinc (Zn)	2008/12/31	<5		ug/g	
		Acid Extractable Antimony (Sb)	2008/12/31	NC		%	35
		Acid Extractable Arsenic (As)	2008/12/31	NC		%	35
		Acid Extractable Barium (Ba)	2008/12/31	1.6		%	35
		Acid Extractable Beryllium (Be)	2008/12/31	NC		%	35

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD.E. & LESLIE ST.

Quality Assurance Report (Continued)

Maxxam Job Number: MA8F3289

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1711431 MIL	RPD	Acid Extractable Cadmium (Cd)	2008/12/31	NC		%	35
		Acid Extractable Chromium (Cr)	2008/12/31	2.2		%	35
		Acid Extractable Cobalt (Co)	2008/12/31	0.3		%	35
		Acid Extractable Copper (Cu)	2008/12/31	3.4		%	35
		Acid Extractable Lead (Pb)	2008/12/31	0.9		%	35
		Acid Extractable Molybdenum (Mo)	2008/12/31	NC		%	35
		Acid Extractable Nickel (Ni)	2008/12/31	0.4		%	35
		Acid Extractable Selenium (Se)	2008/12/31	NC		%	35
		Acid Extractable Silver (Ag)	2008/12/31	NC		%	35
		Acid Extractable Thallium (Tl)	2008/12/31	NC		%	35
		Acid Extractable Vanadium (V)	2008/12/31	3.0		%	35
		Acid Extractable Zinc (Zn)	2008/12/31	NC		%	35
1711447 MIL	MATRIX SPIKE	Acid Extractable Antimony (Sb)	2008/12/31	96		%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31	105		%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31	NC (1)		%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31	103		%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31	107		%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31	106		%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31	104		%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31	103		%	75 - 125
		Acid Extractable Lead (Pb)	2008/12/31	107		%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31	104		%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31	107		%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31	103		%	75 - 125
QC STANDARD	QC STANDARD	Acid Extractable Silver (Ag)	2008/12/31	101		%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31	104		%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31	NC (1)		%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31	NC (1)		%	75 - 125
		Acid Extractable Antimony (Sb)	2008/12/31	92		%	75 - 125
		Acid Extractable Arsenic (As)	2008/12/31	96		%	75 - 125
		Acid Extractable Barium (Ba)	2008/12/31	76		%	75 - 125
		Acid Extractable Beryllium (Be)	2008/12/31	83		%	75 - 125
		Acid Extractable Cadmium (Cd)	2008/12/31	93		%	75 - 125
		Acid Extractable Chromium (Cr)	2008/12/31	81		%	75 - 125
		Acid Extractable Cobalt (Co)	2008/12/31	88		%	75 - 125
		Acid Extractable Copper (Cu)	2008/12/31	101		%	75 - 125
Method Blank	Method Blank	Acid Extractable Lead (Pb)	2008/12/31	106		%	75 - 125
		Acid Extractable Molybdenum (Mo)	2008/12/31	71 (2)		%	75 - 125
		Acid Extractable Nickel (Ni)	2008/12/31	87		%	75 - 125
		Acid Extractable Selenium (Se)	2008/12/31	62		%	50 - 150
		Acid Extractable Silver (Ag)	2008/12/31	88		%	75 - 125
		Acid Extractable Thallium (Tl)	2008/12/31	90		%	75 - 125
		Acid Extractable Vanadium (V)	2008/12/31	104		%	75 - 125
		Acid Extractable Zinc (Zn)	2008/12/31	93		%	75 - 125
		Acid Extractable Antimony (Sb)	2008/12/31	<0.2		ug/g	
		Acid Extractable Arsenic (As)	2008/12/31	<1		ug/g	
		Acid Extractable Barium (Ba)	2008/12/31	<0.5		ug/g	
		Acid Extractable Beryllium (Be)	2008/12/31	<0.2		ug/g	

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD.E. & LESLIE ST.

Quality Assurance Report (Continued)

Maxxam Job Number: MA8F3289

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1711447 MIL	Method Blank	Acid Extractable Selenium (Se)	2008/12/31	<0.5		ug/g	
		Acid Extractable Silver (Ag)	2008/12/31	<0.2		ug/g	
		Acid Extractable Thallium (Tl)	2008/12/31	<0.05		ug/g	
		Acid Extractable Vanadium (V)	2008/12/31	7, RDL=5		ug/g	
		Acid Extractable Zinc (Zn)	2008/12/31	<5		ug/g	
		Acid Extractable Antimony (Sb)	2008/12/31	NC		%	35
		Acid Extractable Arsenic (As)	2008/12/31	NC		%	35
		Acid Extractable Barium (Ba)	2008/12/31	3.5		%	35
		Acid Extractable Beryllium (Be)	2008/12/31	NC		%	35
		Acid Extractable Cadmium (Cd)	2008/12/31	NC		%	35
		Acid Extractable Chromium (Cr)	2008/12/31	3.3		%	35
		Acid Extractable Cobalt (Co)	2008/12/31	7.0		%	35
		Acid Extractable Copper (Cu)	2008/12/31	0.4		%	35
		Acid Extractable Lead (Pb)	2008/12/31	6.5		%	35
		Acid Extractable Molybdenum (Mo)	2008/12/31	NC		%	35
		Acid Extractable Nickel (Ni)	2008/12/31	6.0		%	35
		Acid Extractable Selenium (Se)	2008/12/31	NC		%	35
		Acid Extractable Silver (Ag)	2008/12/31	NC		%	35
		Acid Extractable Thallium (Tl)	2008/12/31	NC		%	35
		Acid Extractable Vanadium (V)	2008/12/31	2.3		%	35
		Acid Extractable Zinc (Zn)	2008/12/31	3.4		%	35
1711459 MIL	MATRIX SPIKE [BK2456-01]	Acid Extractable Antimony (Sb)	2008/12/31	103	%	75 - 125	
		Acid Extractable Arsenic (As)	2008/12/31	104	%	75 - 125	
		Acid Extractable Barium (Ba)	2008/12/31	NC (1)	%	75 - 125	
		Acid Extractable Beryllium (Be)	2008/12/31	102	%	75 - 125	
		Acid Extractable Cadmium (Cd)	2008/12/31	105	%	75 - 125	
		Acid Extractable Chromium (Cr)	2008/12/31	101	%	75 - 125	
		Acid Extractable Cobalt (Co)	2008/12/31	99	%	75 - 125	
		Acid Extractable Copper (Cu)	2008/12/31	95	%	75 - 125	
		Acid Extractable Lead (Pb)	2008/12/31	100	%	75 - 125	
		Acid Extractable Molybdenum (Mo)	2008/12/31	102	%	75 - 125	
		Acid Extractable Nickel (Ni)	2008/12/31	101	%	75 - 125	
		Acid Extractable Selenium (Se)	2008/12/31	103	%	75 - 125	
		Acid Extractable Silver (Ag)	2008/12/31	98	%	75 - 125	
		Acid Extractable Thallium (Tl)	2008/12/31	104	%	75 - 125	
		Acid Extractable Vanadium (V)	2008/12/31	99	%	75 - 125	
		Acid Extractable Zinc (Zn)	2008/12/31	NC (1)	%	75 - 125	
	QC STANDARD	Acid Extractable Antimony (Sb)	2008/12/31	103	%	75 - 125	
		Acid Extractable Arsenic (As)	2008/12/31	101	%	75 - 125	
		Acid Extractable Barium (Ba)	2008/12/31	102	%	75 - 125	
		Acid Extractable Beryllium (Be)	2008/12/31	80	%	75 - 125	
		Acid Extractable Cadmium (Cd)	2008/12/31	94	%	75 - 125	
		Acid Extractable Chromium (Cr)	2008/12/31	92	%	75 - 125	
		Acid Extractable Cobalt (Co)	2008/12/31	93	%	75 - 125	
		Acid Extractable Copper (Cu)	2008/12/31	105	%	75 - 125	
		Acid Extractable Lead (Pb)	2008/12/31	104	%	75 - 125	
		Acid Extractable Molybdenum (Mo)	2008/12/31	94	%	75 - 125	
		Acid Extractable Nickel (Ni)	2008/12/31	91	%	75 - 125	
		Acid Extractable Selenium (Se)	2008/12/31	57	%	50 - 150	
		Acid Extractable Silver (Ag)	2008/12/31	92	%	75 - 125	
		Acid Extractable Thallium (Tl)	2008/12/31	93	%	75 - 125	
		Acid Extractable Vanadium (V)	2008/12/31	105	%	75 - 125	
		Acid Extractable Zinc (Zn)	2008/12/31	96	%	75 - 125	
	Method Blank	Acid Extractable Antimony (Sb)	2008/12/31	<0.2		ug/g	

Aqua Terre Solutions Inc
 Attention: Thom Kewen
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD.E. & LESLIE ST.

Quality Assurance Report (Continued)

Maxxam Job Number: MA8F3289

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1711459 MIL	Method Blank	Acid Extractable Arsenic (As)	2008/12/31	<1		ug/g	
		Acid Extractable Barium (Ba)	2008/12/31	<0.5		ug/g	
		Acid Extractable Beryllium (Be)	2008/12/31	<0.2		ug/g	
		Acid Extractable Cadmium (Cd)	2008/12/31	<0.1		ug/g	
		Acid Extractable Chromium (Cr)	2008/12/31	<1		ug/g	
		Acid Extractable Cobalt (Co)	2008/12/31	<0.1		ug/g	
		Acid Extractable Copper (Cu)	2008/12/31	<0.5		ug/g	
		Acid Extractable Lead (Pb)	2008/12/31	<1		ug/g	
		Acid Extractable Molybdenum (Mo)	2008/12/31	<0.5		ug/g	
		Acid Extractable Nickel (Ni)	2008/12/31	<0.5		ug/g	
		Acid Extractable Selenium (Se)	2008/12/31	<0.5		ug/g	
		Acid Extractable Silver (Ag)	2008/12/31	<0.2		ug/g	
		Acid Extractable Thallium (Tl)	2008/12/31	<0.05		ug/g	
		Acid Extractable Vanadium (V)	2008/12/31	<5		ug/g	
		Acid Extractable Zinc (Zn)	2008/12/31	<5		ug/g	
RPD [BK2456-01]		Acid Extractable Antimony (Sb)	2008/12/31	NC	%		35
		Acid Extractable Arsenic (As)	2008/12/31	NC	%		35
		Acid Extractable Barium (Ba)	2008/12/31	4.1	%		35
		Acid Extractable Beryllium (Be)	2008/12/31	NC	%		35
		Acid Extractable Cadmium (Cd)	2008/12/31	NC	%		35
		Acid Extractable Chromium (Cr)	2008/12/31	1.9	%		35
		Acid Extractable Cobalt (Co)	2008/12/31	8.0	%		35
		Acid Extractable Copper (Cu)	2008/12/31	0.4	%		35
		Acid Extractable Lead (Pb)	2008/12/31	8.5	%		35
		Acid Extractable Molybdenum (Mo)	2008/12/31	NC	%		35
		Acid Extractable Nickel (Ni)	2008/12/31	0.5	%		35
		Acid Extractable Selenium (Se)	2008/12/31	NC	%		35
		Acid Extractable Silver (Ag)	2008/12/31	NC	%		35
		Acid Extractable Thallium (Tl)	2008/12/31	NC	%		35
		Acid Extractable Vanadium (V)	2008/12/31	NC	%		35
		Acid Extractable Zinc (Zn)	2008/12/31	3.0	%		35

NC = Non-calculable

RPD = Relative Percent Difference

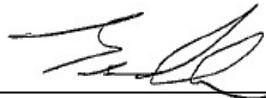
QC Standard = Quality Control Standard

(1) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

(2) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

Validation Signature Page**Maxxam Job #: A8F3289**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



BRAD NEWMAN, Scientific Specialist

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

CHAIN OF CUSTODY RECORD

Page 1 of 2

INVOICE INFORMATION				REPO				PROJECT INFORMATION					
Company Name:	AquaTerre Solutions Inc.			Company Name:	RENATA SZURSKI			Quotation #:	AquaTerre - 08				
Contact Name:	Thom Kewen / Alison McIntosh			Contact Name:				P.O. #:					
Address:	100 Sheppard Ave. W., Suite 200 Toronto, ON M3K 2B4			Address:				Project #:	08729 A				
Phone:	416-635-5882 Fax: 416-635-5353			Phone:	A8F3289 ABO ENV-182			Project Name:	Lakeshore Blvd. E. & Leslie St.				
Email:	tkewen@aqaterre.ca / amcintosh@aqaterre.ca			Email:				Location:	Area A A. McIntosh				
REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)									
Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.								TURNAROUND TIME (TAT) REQUIRED					
<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other	PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.									
<input type="checkbox"/> PWQO	<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary	<input type="checkbox"/> Storm	<input checked="" type="checkbox"/> 5 to 7 Working Days									
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Storm	Rush TAT: Rush Confirmation #: _____ (call Lab for #)										
	<input checked="" type="checkbox"/> Table 3	Region: _____		<input type="checkbox"/> 1 day <input type="checkbox"/> 2 days <input type="checkbox"/> 3 days									
Report Criteria on C of A? <input type="checkbox"/>				DATE Required: _____									
SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.				TIME Required: _____									
Sample Identification				Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	Comments / TAT Comments				
1	BH-A12-2	22 Dec. 08	11:55	Soil	-	-	-	-	Please note that TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.				
2	BH-A102-2		11:55		-	-	X	-	I				
3	BH-A13-1		11:50		-	-	X	-	I				
4	BH-A13-2		11:50		-	-	X	-	I				
5	BH-A14-2		11:45		-	-	X	-	I				
6	BH-A15-2		11:40		-	-	X	-	I				
7	BH-A105-2		11:40		-	-	X	-	I				
8	BH-A16-2		11:35		-	-	X	-	I				
9	BH-A17-2		11:30		-	-	X	-	I				
10	BH-A18-1		11:25		-	-	XX	-	I				
11	BH-A18-2		11:25		-	-	X	-	I				
12	BH-A19-1		11:20		-	-	X	-	I				
RELINQUISHED BY (Signature/Print)				RECEIVED BY (Signature/Print)				Date	Time	Laboratory Use Only			
alison mcintosh / Alison McIntosh								22 Dec. 08	15:30	Temperature (°C) on Receipt	Condition of Sample on Receipt		
										<input type="checkbox"/> OK	<input type="checkbox"/> SIF		
								08/12/08	12:17	10/10/08			
CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.													

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN A DENIAL OF YOUR REQUEST.

MANBATORI
ENV/COC-QNT-05/06

White: Maxxam

Yellow: Mai

Pink: Client

CHAIN OF CUSTODY RECORD

 Page 2 of 2

INVOICE INFORMATION		REPORT INFORMATION (if differs from invoice)		PROJECT INFORMATION		MAXXAM JOB NUMBER	
Company Name: <i>Aqua Terre Solutions Inc.</i>	Contact Name: <i>Thom Lewen / Alison McIntosh</i>	Company Name: _____	Contact Name: _____	Quotation #: <i>Aqua Terre-08</i>	P.O. #: <i>68729A</i>	MAXXAM JOB NUMBER	Project Name: <i>Lakeshore Blvd. Erbleslie est</i>
Address: <i>1100 Steppard Ave. W. Suite 200 Toronto, ON M3K 2B4</i>	Address: _____	Phone: _____	Fax: _____	Location: <i>Area A</i>	Sampled By: <i>A. McIntosh</i>	CHAIN OF CUSTODY #	00 464569
Phone: <i>416-635-5882</i> Fax: <i>416-635-5353</i>	Email: <i>thom.lewen@aqaterre.ca / amcintosh@aqaterre.ca</i>	Phone: _____	Fax: _____				

REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)				TURNAROUND TIME (TAT) REQUIRED			
Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.								PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.			
<input type="checkbox"/> MISA Reg. 153 Sewer Use <input type="checkbox"/> Other <input type="checkbox"/> PWQO <input type="checkbox"/> Table 1 <input type="checkbox"/> Sanitary <input type="checkbox"/> Table 2 <input type="checkbox"/> Storm <input type="checkbox"/> specify <input checked="" type="checkbox"/> Table 3 Region: _____								Regular (Standard) TAT: <input checked="" type="checkbox"/> 5 to 7 Working Days			
								Rush TAT: Rush Confirmation #: _____ (call Lab for #) <input type="checkbox"/> 1 day <input type="checkbox"/> 2 days <input type="checkbox"/> 3 days			
								DATE Required: _____			
								TIME Required: _____			
								Please note that TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.			
Sample Identification		Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	# of Cont.	COMMENTS / TAT COMMENTS	
1	BH-A19-2	22 Dec. 08	11:20	Soil	-	X	-	X	1	<i>NOTE: zero jars filled with soil but not submitted for analysis</i>	
2	BH-A19-1		11:20		-	X	-	X	1		
3	BH-A20-2		11:10		-	X	-	X	1		
4	BH-A16-1		11:35		-	X	-	X	1		
5											
6											
7											
8											
9											
10										<i>08 DEC 23 12:17</i>	
11											
12											

RELINQUISHED BY (Signature/Print)	RECEIVED BY (Signature/Print)	Date	Time	Laboratory Use Only		
<i>Alison McIntosh</i>	<i>Zofia Zeleny</i>	22 Dec. 08	15:30	Temperature (°C) on Receipt	Condition of Sample on Receipt	
		08/12/23	12:17		<input type="checkbox"/> OK	<input type="checkbox"/> SIF

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

ENVCO-C-ONT-05/06

White: Maxxam

Yellow: Mail

Pink: Client

APPENDIX C
LABORATORY CERTIFICATES OF ANALYSIS (GROUNDWATER)

Your Project #: 08729A
Site Location: LAKESHORE BLVD, LESLIE ST, AREA A
Your C.O.C. #: 110550-0

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/23

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905911**

Received: 2009/01/20, 07:41

Sample Matrix: Water

Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Petroleum Hydro. CCME F1 & BTEX in Water	2	2009/01/20	2009/01/21	CAM SOP-00315	CCME CWS
Petroleum Hydrocarbons F2-F4 in Water	2	2009/01/21	2009/01/22	CAM SOP-00316	CCME Hydrocarbons
Dissolved Metals by ICPMS	2	N/A	2009/01/21	CAM SOP-00447	EPA 6020
PAH Compounds in Water by GC/MS (SIM)	2	2009/01/21	2009/01/22	CAM SOP-00318	EPA 8270
pH	2	N/A	2009/01/21	CAM SOP-00448	SM 4500H
Volatile Organic Compounds in Water	2	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 16

Maxxam Job #: A905911
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD, LESLIE ST, AREA A

RESULTS OF ANALYSES OF WATER

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		
	Units	BH603	BH6033	RDL	QC Batch

Inorganics					
pH	pH	7.2	7.2		1724208

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905911
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD, LESLIE ST, AREA A

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		
	Units	BH603	BH6033	RDL	QC Batch

Metals					
Dissolved Antimony (Sb)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Arsenic (As)	ug/L	<1	<1	1	1724203
Dissolved Barium (Ba)	ug/L	220	220	5	1724203
Dissolved Beryllium (Be)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Boron (B)	ug/L	880	900	10	1724203
Dissolved Cadmium (Cd)	ug/L	<0.1	<0.1	0.1	1724203
Dissolved Chromium (Cr)	ug/L	<5	<5	5	1724203
Dissolved Cobalt (Co)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Copper (Cu)	ug/L	<1	<1	1	1724203
Dissolved Lead (Pb)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Molybdenum (Mo)	ug/L	<1	<1	1	1724203
Dissolved Nickel (Ni)	ug/L	<1	<1	1	1724203
Dissolved Selenium (Se)	ug/L	<2	<2	2	1724203
Dissolved Silver (Ag)	ug/L	<0.1	<0.1	0.1	1724203
Dissolved Sodium (Na)	ug/L	390000	410000	100	1724203
Dissolved Thallium (Tl)	ug/L	<0.05	<0.05	0.05	1724203
Dissolved Vanadium (V)	ug/L	1	2	1	1724203
Dissolved Zinc (Zn)	ug/L	<5	8	5	1724203
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A905911
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD, LESLIE ST, AREA A

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		
	Units	BH603	BH6033	RDL	QC Batch

Polyaromatic Hydrocarbons					
Acenaphthene	ug/L	<0.05	<0.05	0.05	1724098
Acenaphthylene	ug/L	<0.05	<0.05	0.05	1724098
Anthracene	ug/L	<0.05	<0.05	0.05	1724098
Benzo(a)anthracene	ug/L	<0.05	<0.05	0.05	1724098
Benzo(a)pyrene	ug/L	<0.01	<0.01	0.01	1724098
Benzo(b/j)fluoranthene	ug/L	<0.05	<0.05	0.05	1724098
Benzo(g,h,i)perylene	ug/L	<0.1	<0.1	0.1	1724098
Benzo(k)fluoranthene	ug/L	<0.05	<0.05	0.05	1724098
Chrysene	ug/L	<0.05	<0.05	0.05	1724098
Dibenz(a,h)anthracene	ug/L	<0.1	<0.1	0.1	1724098
Fluoranthene	ug/L	<0.05	<0.05	0.05	1724098
Fluorene	ug/L	<0.05	<0.05	0.05	1724098
Indeno(1,2,3-cd)pyrene	ug/L	<0.1	<0.1	0.1	1724098
1-Methylnaphthalene	ug/L	<0.05	<0.05	0.05	1724098
2-Methylnaphthalene	ug/L	<0.05	<0.05	0.05	1724098
Naphthalene	ug/L	<0.05	<0.05	0.05	1724098
Phenanthrene	ug/L	<0.05	0.06	0.05	1724098
Pyrene	ug/L	<0.05	<0.05	0.05	1724098
Surrogate Recovery (%)					
D10-Anthracene	%	71	73		1724098
D14-Terphenyl (FS)	%	84	84		1724098
D7-Quinoline	%	85	80		1724098
D8-Acenaphthylene	%	80	78		1724098

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A905911
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD, LESLIE ST, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		

Volatile Organics	Units	BH603	BH6033	RDL	QC Batch
Acetone (2-Propanone)	ug/L	<10	<10	10	1723847
Benzene	ug/L	<0.1	<0.1	0.1	1723847
Bromodichloromethane	ug/L	<0.1	<0.1	0.1	1723847
Bromoform	ug/L	<0.2	<0.2	0.2	1723847
Bromomethane	ug/L	<0.5	<0.5	0.5	1723847
Carbon Tetrachloride	ug/L	<0.1	<0.1	0.1	1723847
Chlorobenzene	ug/L	<0.1	<0.1	0.1	1723847
Chloroform	ug/L	<0.1	<0.1	0.1	1723847
Dibromochloromethane	ug/L	<0.2	<0.2	0.2	1723847
1,2-Dichlorobenzene	ug/L	<0.2	<0.2	0.2	1723847
1,3-Dichlorobenzene	ug/L	<0.2	<0.2	0.2	1723847
1,4-Dichlorobenzene	ug/L	<0.2	<0.2	0.2	1723847
1,1-Dichloroethane	ug/L	<0.1	<0.1	0.1	1723847
1,2-Dichloroethane	ug/L	<0.2	<0.2	0.2	1723847
1,1-Dichloroethylene	ug/L	<0.1	<0.1	0.1	1723847
cis-1,2-Dichloroethylene	ug/L	<0.1	<0.1	0.1	1723847
trans-1,2-Dichloroethylene	ug/L	<0.1	<0.1	0.1	1723847
1,2-Dichloropropane	ug/L	<0.1	<0.1	0.1	1723847
cis-1,3-Dichloropropene	ug/L	<0.2	<0.2	0.2	1723847
trans-1,3-Dichloropropene	ug/L	<0.2	<0.2	0.2	1723847
Ethylbenzene	ug/L	<0.1	<0.1	0.1	1723847
Ethylene Dibromide	ug/L	<0.2	<0.2	0.2	1723847
Methylene Chloride(Dichloromethane)	ug/L	<0.5	<0.5	0.5	1723847
Methyl Isobutyl Ketone	ug/L	<5	<5	5	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<5	<5	5	1723847
Methyl t-butyl ether (MTBE)	ug/L	<0.2	<0.2	0.2	1723847
Styrene	ug/L	<0.2	<0.2	0.2	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.1	<0.1	0.1	1723847
1,1,2,2-Tetrachloroethane	ug/L	<0.2	<0.2	0.2	1723847
Tetrachloroethylene	ug/L	<0.1	<0.1	0.1	1723847
Toluene	ug/L	<0.2	<0.2	0.2	1723847
1,1,1-Trichloroethane	ug/L	<0.1	<0.1	0.1	1723847

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A905911
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD, LESLIE ST, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		
	Units	BH603	BH6033	RDL	QC Batch
1,1,2-Trichloroethane	ug/L	<0.2	<0.2	0.2	1723847
Trichloroethylene	ug/L	<0.1	<0.1	0.1	1723847
Vinyl Chloride	ug/L	<0.2	<0.2	0.2	1723847
p+m-Xylene	ug/L	<0.1	<0.1	0.1	1723847
o-Xylene	ug/L	<0.1	<0.1	0.1	1723847
Xylene (Total)	ug/L	<0.1	<0.1	0.1	1723847
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	87	88		1723847
D4-1,2-Dichloroethane	%	121	122		1723847
D8-Toluene	%	98	97		1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A905911
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD, LESLIE ST, AREA A

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		BN5667	BN5668		
Sampling Date		2009/01/19 13:20	2009/01/19 13:25		
COC Number		110550-0	110550-0		
	Units	BH603	BH6033	RDL	QC Batch

BTEX & F1 Hydrocarbons					
F1 (C6-C10)	ug/L	<100	<100	100	1724060
F1 (C6-C10) - BTEX	ug/L	<100	<100	100	1724060
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/L	<100	<100	100	1724715
F3 (C16-C34 Hydrocarbons)	ug/L	<100	<100	100	1724715
F4 (C34-C50 Hydrocarbons)	ug/L	<100	<100	100	1724715
Reached Baseline at C50	ug/L	Yes	Yes		1724715
F1 + F2	ug/L	<100	<100	100	1724715
F3 + F4	ug/L	<100	<100	100	1724715
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	103	99		1724060
4-Bromofluorobenzene	%	101	96		1724060
D10-Ethylbenzene	%	101	91		1724060
D4-1,2-Dichloroethane	%	95	91		1724060
o-Terphenyl	%	103	113		1724715
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A905911
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD, LESLIE ST, AREA A

Package 1	1.3°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

F1-BTEX Analysis: The BTEX results used for the F1-BTEX calculation were obtained from Headspace-GC analysis.

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report
 Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
Spiked Blank		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	107	%	60 - 140	
		Benzene	2009/01/21	98	%	70 - 130	
		Bromodichloromethane	2009/01/21	107	%	70 - 130	
		Bromoform	2009/01/21	80	%	70 - 130	
		Bromomethane	2009/01/21	102	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	112	%	70 - 130	
		Chlorobenzene	2009/01/21	91	%	70 - 130	
		Chloroform	2009/01/21	106	%	70 - 130	
		Dibromochloromethane	2009/01/21	93	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	96	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	94	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	91	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
Method Blank	Method Blank	4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	1,1,1,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
		Tetrachloroethylene	2009/01/21	NC		%	40
1724060	DTI	Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	94		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	86		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	103		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	99		%	70 - 130
		D10-Ethylbenzene	2009/01/20	99		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	91		%	70 - 130
		F1 (C6-C10)	2009/01/20	88		%	70 - 130
1724098	JJ1	Method Blank	2009/01/20	99		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	87		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	<100		ug/L	
		F1 (C6-C10) - BTEX	2009/01/20	<100		ug/L	
		F1 (C6-C10)	2009/01/20	NC		%	40
		F1 (C6-C10) - BTEX	2009/01/20	NC		%	40
		D10-Anthracene	2009/01/21	73		%	30 - 130
		D14-Terphenyl (FS)	2009/01/21	87		%	30 - 130
		D7-Quinoline	2009/01/21	89		%	30 - 130
		D8-Acenaphthylene	2009/01/21	83		%	30 - 130
		Acenaphthene	2009/01/21	85		%	30 - 130
		Acenaphthylene	2009/01/21	81		%	30 - 130
		Anthracene	2009/01/21	80		%	30 - 130
		Benzo(a)anthracene	2009/01/21	107		%	30 - 130
		Benzo(a)pyrene	2009/01/21	103		%	30 - 130
		Benzo(b/j)fluoranthene	2009/01/21	101		%	30 - 130
		Benzo(g,h,i)perylene	2009/01/21	98		%	30 - 130
		Benzo(k)fluoranthene	2009/01/21	96		%	30 - 130
		Chrysene	2009/01/21	110		%	30 - 130
		Dibenz(a,h)anthracene	2009/01/21	107		%	30 - 130
		Fluoranthene	2009/01/21	94		%	30 - 130
		Fluorene	2009/01/21	93		%	30 - 130
		Indeno(1,2,3-cd)pyrene	2009/01/21	105		%	30 - 130
		1-Methylnaphthalene	2009/01/21	75		%	30 - 130
		2-Methylnaphthalene	2009/01/21	72		%	30 - 130

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	MATRIX SPIKE	Naphthalene	2009/01/21	68	%	30 - 130	
		Phenanthrene	2009/01/21	86	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		Spiked Blank	D10-Anthracene	75	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	95	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	88	%	30 - 130	
		Acenaphthene	2009/01/21	91	%	30 - 130	
		Acenaphthylene	2009/01/21	88	%	30 - 130	
		Anthracene	2009/01/21	82	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	108	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	98	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	104	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	97	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	82	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	80	%	30 - 130	
		Naphthalene	2009/01/21	76	%	30 - 130	
		Phenanthrene	2009/01/21	88	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
Method Blank		D10-Anthracene	2009/01/21	73	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	98	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	82	%	30 - 130	
		Acenaphthene	2009/01/21	<0.05	ug/L		
		Acenaphthylene	2009/01/21	<0.05	ug/L		
		Anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)pyrene	2009/01/21	<0.01	ug/L		
		Benzo(b/j)fluoranthene	2009/01/21	<0.05	ug/L		
		Benzo(g,h,i)perylene	2009/01/21	<0.1	ug/L		
		Benzo(k)fluoranthene	2009/01/21	<0.05	ug/L		
		Chrysene	2009/01/21	<0.05	ug/L		
		Dibenz(a,h)anthracene	2009/01/21	<0.1	ug/L		
		Fluoranthene	2009/01/21	<0.05	ug/L		
		Fluorene	2009/01/21	<0.05	ug/L		
		Indeno(1,2,3-cd)pyrene	2009/01/21	<0.1	ug/L		
		1-Methylnaphthalene	2009/01/21	<0.05	ug/L		
		2-Methylnaphthalene	2009/01/21	<0.05	ug/L		
		Naphthalene	2009/01/21	<0.05	ug/L		
		Phenanthrene	2009/01/21	<0.05	ug/L		
		Pyrene	2009/01/21	<0.05	ug/L		
RPD		Acenaphthene	2009/01/21	NC	%	40	
		Acenaphthylene	2009/01/21	NC	%	40	
		Anthracene	2009/01/21	NC	%	40	
		Benzo(a)anthracene	2009/01/21	NC	%	40	
		Benzo(a)pyrene	2009/01/21	NC	%	40	
		Benzo(b/j)fluoranthene	2009/01/21	NC	%	40	
		Benzo(g,h,i)perylene	2009/01/21	NC	%	40	
		Benzo(k)fluoranthene	2009/01/21	NC	%	40	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	RPD	Chrysene	2009/01/21	NC		%	40
		Dibenz(a,h)anthracene	2009/01/21	NC		%	40
		Fluoranthene	2009/01/21	NC		%	40
		Fluorene	2009/01/21	NC		%	40
		Indeno(1,2,3-cd)pyrene	2009/01/21	NC		%	40
		1-Methylnaphthalene	2009/01/21	NC		%	40
		2-Methylnaphthalene	2009/01/21	NC		%	40
		Naphthalene	2009/01/21	NC		%	40
		Phenanthrene	2009/01/21	NC		%	40
		Pyrene	2009/01/21	NC		%	40
1724203 GBU	MATRIX SPIKE	Dissolved Antimony (Sb)	2009/01/21	108		%	80 - 120
		Dissolved Arsenic (As)	2009/01/21	107		%	80 - 120
		Dissolved Barium (Ba)	2009/01/21	100		%	80 - 120
		Dissolved Beryllium (Be)	2009/01/21	102		%	80 - 120
		Dissolved Boron (B)	2009/01/21	101		%	80 - 120
		Dissolved Cadmium (Cd)	2009/01/21	104		%	80 - 120
		Dissolved Chromium (Cr)	2009/01/21	96		%	80 - 120
		Dissolved Cobalt (Co)	2009/01/21	95		%	80 - 120
		Dissolved Copper (Cu)	2009/01/21	98		%	80 - 120
		Dissolved Lead (Pb)	2009/01/21	105		%	80 - 120
		Dissolved Molybdenum (Mo)	2009/01/21	106		%	80 - 120
		Dissolved Nickel (Ni)	2009/01/21	98		%	80 - 120
		Dissolved Selenium (Se)	2009/01/21	106		%	80 - 120
		Dissolved Silver (Ag)	2009/01/21	90		%	80 - 120
		Dissolved Sodium (Na)	2009/01/21	NC (2)		%	80 - 120
		Dissolved Thallium (Tl)	2009/01/21	102		%	80 - 120
		Dissolved Vanadium (V)	2009/01/21	96		%	80 - 120
		Dissolved Zinc (Zn)	2009/01/21	102		%	80 - 120
Spiked Blank		Dissolved Antimony (Sb)	2009/01/21	104		%	85 - 115
		Dissolved Arsenic (As)	2009/01/21	102		%	85 - 115
		Dissolved Barium (Ba)	2009/01/21	100		%	85 - 115
		Dissolved Beryllium (Be)	2009/01/21	101		%	85 - 115
		Dissolved Boron (B)	2009/01/21	99		%	85 - 115
		Dissolved Cadmium (Cd)	2009/01/21	101		%	85 - 115
		Dissolved Chromium (Cr)	2009/01/21	95		%	85 - 115
		Dissolved Cobalt (Co)	2009/01/21	96		%	85 - 115
		Dissolved Copper (Cu)	2009/01/21	98		%	85 - 115
		Dissolved Lead (Pb)	2009/01/21	102		%	85 - 115
		Dissolved Molybdenum (Mo)	2009/01/21	102		%	85 - 115
		Dissolved Nickel (Ni)	2009/01/21	102		%	85 - 115
		Dissolved Selenium (Se)	2009/01/21	103		%	85 - 115
		Dissolved Silver (Ag)	2009/01/21	94		%	85 - 115
		Dissolved Sodium (Na)	2009/01/21	98		%	85 - 115
		Dissolved Thallium (Tl)	2009/01/21	97		%	85 - 115
		Dissolved Vanadium (V)	2009/01/21	96		%	85 - 115
		Dissolved Zinc (Zn)	2009/01/21	103		%	85 - 115
Method Blank		Dissolved Antimony (Sb)	2009/01/21	<0.5		ug/L	
		Dissolved Arsenic (As)	2009/01/21	<1		ug/L	
		Dissolved Barium (Ba)	2009/01/21	<5		ug/L	
		Dissolved Beryllium (Be)	2009/01/21	<0.5		ug/L	
		Dissolved Boron (B)	2009/01/21	<10		ug/L	
		Dissolved Cadmium (Cd)	2009/01/21	<0.1		ug/L	
		Dissolved Chromium (Cr)	2009/01/21	<5		ug/L	
		Dissolved Cobalt (Co)	2009/01/21	<0.5		ug/L	
		Dissolved Copper (Cu)	2009/01/21	<1		ug/L	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905911

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724203 GBU	Method Blank	Dissolved Lead (Pb)	2009/01/21	<0.5		ug/L	
		Dissolved Molybdenum (Mo)	2009/01/21	<1		ug/L	
		Dissolved Nickel (Ni)	2009/01/21	<1		ug/L	
		Dissolved Selenium (Se)	2009/01/21	<2		ug/L	
		Dissolved Silver (Ag)	2009/01/21	<0.1		ug/L	
		Dissolved Sodium (Na)	2009/01/21	<100		ug/L	
		Dissolved Thallium (Tl)	2009/01/21	<0.05		ug/L	
		Dissolved Vanadium (V)	2009/01/21	<1		ug/L	
		Dissolved Zinc (Zn)	2009/01/21	<5		ug/L	
		Dissolved Antimony (Sb)	2009/01/21	NC	%		25
		Dissolved Arsenic (As)	2009/01/21	NC	%		25
		Dissolved Barium (Ba)	2009/01/21	1.7	%		25
		Dissolved Beryllium (Be)	2009/01/21	NC	%		25
		Dissolved Boron (B)	2009/01/21	NC	%		25
		Dissolved Cadmium (Cd)	2009/01/21	NC	%		25
		Dissolved Chromium (Cr)	2009/01/21	NC	%		25
		Dissolved Cobalt (Co)	2009/01/21	NC	%		25
		Dissolved Copper (Cu)	2009/01/21	NC	%		25
		Dissolved Lead (Pb)	2009/01/21	NC	%		25
		Dissolved Molybdenum (Mo)	2009/01/21	NC	%		25
		Dissolved Nickel (Ni)	2009/01/21	NC	%		25
		Dissolved Selenium (Se)	2009/01/21	NC	%		25
		Dissolved Silver (Ag)	2009/01/21	NC	%		25
		Dissolved Sodium (Na)	2009/01/21	5.9	%		25
		Dissolved Thallium (Tl)	2009/01/21	NC	%		25
		Dissolved Vanadium (V)	2009/01/21	NC	%		25
		Dissolved Zinc (Zn)	2009/01/21	NC	%		25
1724715 NCI	MATRIX SPIKE	o-Terphenyl	2009/01/22		105	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		75	%	60 - 130
		Spiked Blank					
		o-Terphenyl	2009/01/22		94	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		79	%	60 - 130
		Method Blank					
1724715 NCI	RPD	o-Terphenyl	2009/01/21		90	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	<100		ug/L	
		F3 (C16-C34 Hydrocarbons)	2009/01/21	<100		ug/L	
		F4 (C34-C50 Hydrocarbons)	2009/01/21	<100		ug/L	
		Spiked Blank					
		F2 (C10-C16 Hydrocarbons)	2009/01/21	NC	%		50
		F3 (C16-C34 Hydrocarbons)	2009/01/21	NC	%		50
		F4 (C34-C50 Hydrocarbons)	2009/01/21	NC	%		50

NC = Non-calculable

RPD = Relative Percent Difference

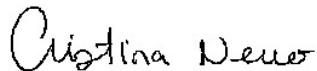
SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

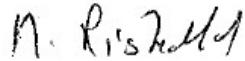
(2) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Validation Signature Page**Maxxam Job #: A905911**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services



MEDHAT RISKALLAH, Manager, Hydrocarbon Department



MAMDOUH SALIB, Analyst, Hydrocarbons



YUAN ZHOU, gc\ms Technician

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.



Maxxam Analytics International Corporation o/a Maxxam Analytics

6740 Campobello Road, Mississauga, Ontario Canada L5N 2L8 Tel (905) 817-5700 Toll-free 800-563-6266 Fax (905) 817-5779 www.maxxamanalytics.com

INVOICE INFORMATION:	
Company Name:	#21644 Aqua Terre Solutions Inc
Contact Name:	Allison McIntosh / <i>Theresa Kewen</i>
Address:	1100 Sheppard Ave W Suite 200 Toronto ON M3K 2B4
Phone:	(416)635-5882
Email:	amcintosh@aquaterre.ca / <i>tkewen@aquaterre.ca</i>

REPORT INFORMATION (if differs from invoice):	
Company Name:	<i>Maxxam</i>
Contact Name:	
Address:	
Phone:	
Fax:	
Email:	

CHAIN OF CUSTODY

Quotation #: A65754
P.O. #: *1*
Project #: 08729A
Project Name: *Area A*
Site Location: Lakeshore Blvd E & Leslie St
Sampled By: *A. mcIntosh*

20-Jan-09 07:41

RENATA SZURSKI

Page *1* of *1*

Use Only:
BOTTLE ORDER #: *110550*
Barcode:
A905911
J L ENV-668
CHAIN OF CUSTODY #: *C#110550-02-01*
PROJECT MANAGER: RENATA SZURSKI

REGULATORY CRITERIA:

<input type="checkbox"/> MISA	Reg. 153/04	Sewer Use	<input type="checkbox"/> Sanitary
<input type="checkbox"/> PWQO	<input type="checkbox"/> Table 1	<input type="checkbox"/> Residential/Parkland	<input type="checkbox"/> Storm
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Industrial/Commercial	<input type="checkbox"/> Combined
<input type="checkbox"/> Reg. 558	<input checked="" type="checkbox"/> Table 3	<input type="checkbox"/> Medium/Fine	Municipality _____
	<input type="checkbox"/> Table 6	<input type="checkbox"/> Coarse	
Other (specify) _____			
Report Criteria on C of A? <input type="checkbox"/>			

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	ANALYSIS REQUESTED (Please be specific):				
							pH	F1-F4	VOC	Metals	PAH
1	<i>BH603</i>	19 Jan 09	13:20	GW	N Y	X X X X					
2	<i>BH6033</i>	19 Jan 09	13:25	GW	N Y	X X X X X X					
3				GW							
4				GW							
5											
6											
7											
8											
9											
10											

*RELINQUISHED BY: (Signature/Print)

Date: (YY/MM/DD)

Time:

RECEIVED BY: (Signature/Print)

Date: (YY/MM/DD)

Time:

Jars Used and Not Submitted

Laboratory Use Only

Time Sensitive *1/1/20* Temperature (°C) on Receipt *11/20*Custody Seal Intact on *Color?* Yes No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

Maxxam Analytics International Corporation o/a Maxxam Analytics

White: Maxxam Yellow: Client

Your Project #: 08729A
Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A
Your C.O.C. #: 00464547

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/23

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905921**

Received: 2009/01/20, 07:42

Sample Matrix: Water

Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Petroleum Hydro. CCME F1 & BTEX in Water	1	2009/01/20	2009/01/21	CAM SOP-00315	CCME CWS
Petroleum Hydrocarbons F2-F4 in Water	1	2009/01/21	2009/01/22	CAM SOP-00316	CCME Hydrocarbons
Dissolved Metals by ICPMS	1	N/A	2009/01/21	CAM SOP-00447	EPA 6020
PAH Compounds in Water by GC/MS (SIM)	1	2009/01/21	2009/01/22	CAM SOP-00318	EPA 8270
pH	1	N/A	2009/01/21	CAM SOP-00448	SM 4500H
Volatile Organic Compounds in Water	1	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 16

Maxxam Job #: A905921
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

RESULTS OF ANALYSES OF WATER

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch

Inorganics				
pH	pH	7.6		1724208

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905921
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch

Metals				
Dissolved Antimony (Sb)	ug/L	<3	3	1724203
Dissolved Arsenic (As)	ug/L	<5	5	1724203
Dissolved Barium (Ba)	ug/L	280	30	1724203
Dissolved Beryllium (Be)	ug/L	<3	3	1724203
Dissolved Boron (B)	ug/L	190	50	1724203
Dissolved Cadmium (Cd)	ug/L	<0.5	0.5	1724203
Dissolved Chromium (Cr)	ug/L	<30	30	1724203
Dissolved Cobalt (Co)	ug/L	<3	3	1724203
Dissolved Copper (Cu)	ug/L	<5	5	1724203
Dissolved Lead (Pb)	ug/L	7	3	1724203
Dissolved Molybdenum (Mo)	ug/L	<5	5	1724203
Dissolved Nickel (Ni)	ug/L	<5	5	1724203
Dissolved Selenium (Se)	ug/L	<10	10	1724203
Dissolved Silver (Ag)	ug/L	<0.5	0.5	1724203
Dissolved Sodium (Na)	ug/L	1800000	500	1724203
Dissolved Thallium (Tl)	ug/L	<0.3	0.3	1724203
Dissolved Vanadium (V)	ug/L	10	5	1724203
Dissolved Zinc (Zn)	ug/L	<30	30	1724203
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905921
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch

Polyaromatic Hydrocarbons				
Acenaphthene	ug/L	36	0.3	1724098
Acenaphthylene	ug/L	3.6	0.3	1724098
Anthracene	ug/L	3.0	0.3	1724098
Benzo(a)anthracene	ug/L	21	0.3	1724098
Benzo(a)pyrene	ug/L	6.3	0.05	1724098
Benzo(b/j)fluoranthene	ug/L	18	0.3	1724098
Benzo(g,h,i)perylene	ug/L	8.9	0.5	1724098
Benzo(k)fluoranthene	ug/L	7.0	0.3	1724098
Chrysene	ug/L	22	0.3	1724098
Dibenz(a,h)anthracene	ug/L	2.4	0.5	1724098
Fluoranthene	ug/L	38	0.3	1724098
Fluorene	ug/L	2.8	0.3	1724098
Indeno(1,2,3-cd)pyrene	ug/L	9.6	0.5	1724098
1-Methylnaphthalene	ug/L	1.4	0.3	1724098
2-Methylnaphthalene	ug/L	<0.3	0.3	1724098
Naphthalene	ug/L	0.7	0.3	1724098
Phenanthrene	ug/L	11	0.3	1724098
Pyrene	ug/L	61	0.3	1724098
Surrogate Recovery (%)				
D10-Anthracene	%	70		1724098
D14-Terphenyl (FS)	%	76		1724098
D7-Quinoline	%	75		1724098
D8-Acenaphthylene	%	75		1724098
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905921
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch

Volatile Organics				
Acetone (2-Propanone)	ug/L	<30	30	1723847
Benzene	ug/L	0.9	0.3	1723847
Bromodichloromethane	ug/L	<0.3	0.3	1723847
Bromoform	ug/L	<0.5	0.5	1723847
Bromomethane	ug/L	<1	1	1723847
Carbon Tetrachloride	ug/L	<0.3	0.3	1723847
Chlorobenzene	ug/L	<0.3	0.3	1723847
Chloroform	ug/L	<0.3	0.3	1723847
Dibromochloromethane	ug/L	<0.5	0.5	1723847
1,2-Dichlorobenzene	ug/L	<0.5	0.5	1723847
1,3-Dichlorobenzene	ug/L	<0.5	0.5	1723847
1,4-Dichlorobenzene	ug/L	<0.5	0.5	1723847
1,1-Dichloroethane	ug/L	<0.3	0.3	1723847
1,2-Dichloroethane	ug/L	<0.5	0.5	1723847
1,1-Dichloroethylene	ug/L	<0.3	0.3	1723847
cis-1,2-Dichloroethylene	ug/L	<0.3	0.3	1723847
trans-1,2-Dichloroethylene	ug/L	<0.3	0.3	1723847
1,2-Dichloropropane	ug/L	<0.3	0.3	1723847
cis-1,3-Dichloropropene	ug/L	<0.5	0.5	1723847
trans-1,3-Dichloropropene	ug/L	<0.5	0.5	1723847
Ethylbenzene	ug/L	<0.3	0.3	1723847
Ethylene Dibromide	ug/L	<0.5	0.5	1723847
Methylene Chloride(Dichloromethane)	ug/L	<1	1	1723847
Methyl Isobutyl Ketone	ug/L	<10	10	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	1723847
Methyl t-butyl ether (MTBE)	ug/L	<0.5	0.5	1723847
Styrene	ug/L	<0.5	0.5	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.3	0.3	1723847
1,1,2,2-Tetrachloroethane	ug/L	<0.5	0.5	1723847
Tetrachloroethylene	ug/L	<0.3	0.3	1723847
Toluene	ug/L	<0.5	0.5	1723847
1,1,1-Trichloroethane	ug/L	<0.3	0.3	1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905921
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch
1,1,2-Trichloroethane	ug/L	<0.5	0.5	1723847
Trichloroethylene	ug/L	<0.3	0.3	1723847
Vinyl Chloride	ug/L	<0.5	0.5	1723847
p+m-Xylene	ug/L	<0.3	0.3	1723847
o-Xylene	ug/L	<0.3	0.3	1723847
Xylene (Total)	ug/L	<0.3	0.3	1723847
Surrogate Recovery (%)				
4-Bromofluorobenzene	%	87		1723847
D4-1,2-Dichloroethane	%	118		1723847
D8-Toluene	%	98		1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905921
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA A

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		BN5697		
Sampling Date		2009/01/19 14:15		
COC Number		00464547		
	Units	BH 704	RDL	QC Batch

BTEX & F1 Hydrocarbons				
F1 (C6-C10)	ug/L	<100	100	1724060
F1 (C6-C10) - BTEX	ug/L	<100	100	1724060
F2-F4 Hydrocarbons				
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	1724715
F3 (C16-C34 Hydrocarbons)	ug/L	<100	100	1724715
F4 (C34-C50 Hydrocarbons)	ug/L	<100	100	1724715
Reached Baseline at C50	ug/L	Yes		1724715
F1 + F2	ug/L	<100	100	1724715
F3 + F4	ug/L	<100	100	1724715
Surrogate Recovery (%)				
1,4-Difluorobenzene	%	101		1724060
4-Bromofluorobenzene	%	99		1724060
D10-Ethylbenzene	%	92		1724060
D4-1,2-Dichloroethane	%	94		1724060
o-Terphenyl	%	111		1724715

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905921
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E,LESLIE ST, AREA A

Package 1	1.7°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

F1-BTEX Analysis: The BTEX results used for the F1-BTEX calculation were obtained from Headspace-GC analysis.

Sample BN5697-01: Metal analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

VOC Analysis: Due to foaming, sample required dilution. The detection limits were adjusted accordingly.

PAH analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report
 Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
Spiked Blank		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	107	%	60 - 140	
		Benzene	2009/01/21	98	%	70 - 130	
		Bromodichloromethane	2009/01/21	107	%	70 - 130	
		Bromoform	2009/01/21	80	%	70 - 130	
		Bromomethane	2009/01/21	102	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	112	%	70 - 130	
		Chlorobenzene	2009/01/21	91	%	70 - 130	
		Chloroform	2009/01/21	106	%	70 - 130	
		Dibromochloromethane	2009/01/21	93	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	96	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	94	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	91	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	1,1,1,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
		Tetrachloroethylene	2009/01/21	NC		%	40
1724060	DTI	Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	94		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	86		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	103		%	70 - 130
1724098	JJI	4-Bromofluorobenzene	2009/01/20	99		%	70 - 130
		D10-Ethylbenzene	2009/01/20	99		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	91		%	70 - 130
		F1 (C6-C10)	2009/01/20	88		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	87		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	<100		ug/L	
		F1 (C6-C10) - BTEX	2009/01/20	<100		ug/L	
1724098	MATRIX SPIKE	F1 (C6-C10)	2009/01/20	NC		%	40
		F1 (C6-C10) - BTEX	2009/01/20	NC		%	40
		D10-Anthracene	2009/01/21	73		%	30 - 130
		D14-Terphenyl (FS)	2009/01/21	87		%	30 - 130
		D7-Quinoline	2009/01/21	89		%	30 - 130
		D8-Acenaphthylene	2009/01/21	83		%	30 - 130
		Acenaphthene	2009/01/21	85		%	30 - 130
		Acenaphthylene	2009/01/21	81		%	30 - 130
		Anthracene	2009/01/21	80		%	30 - 130
		Benzo(a)anthracene	2009/01/21	107		%	30 - 130
		Benzo(a)pyrene	2009/01/21	103		%	30 - 130
		Benzo(b/j)fluoranthene	2009/01/21	101		%	30 - 130
		Benzo(g,h,i)perylene	2009/01/21	98		%	30 - 130
		Benzo(k)fluoranthene	2009/01/21	96		%	30 - 130
		Chrysene	2009/01/21	110		%	30 - 130
		Dibenz(a,h)anthracene	2009/01/21	107		%	30 - 130
		Fluoranthene	2009/01/21	94		%	30 - 130
		Fluorene	2009/01/21	93		%	30 - 130
		Indeno(1,2,3-cd)pyrene	2009/01/21	105		%	30 - 130
		1-Methylnaphthalene	2009/01/21	75		%	30 - 130
		2-Methylnaphthalene	2009/01/21	72		%	30 - 130

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	MATRIX SPIKE	Naphthalene	2009/01/21	68	%	30 - 130	
		Phenanthrene	2009/01/21	86	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		Spiked Blank	D10-Anthracene	75	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	95	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	88	%	30 - 130	
		Acenaphthene	2009/01/21	91	%	30 - 130	
		Acenaphthylene	2009/01/21	88	%	30 - 130	
		Anthracene	2009/01/21	82	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	108	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	98	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	104	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	97	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	82	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	80	%	30 - 130	
Method Blank		Naphthalene	2009/01/21	76	%	30 - 130	
		Phenanthrene	2009/01/21	88	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		D10-Anthracene	2009/01/21	73	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	98	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	82	%	30 - 130	
		Acenaphthene	2009/01/21	<0.05	ug/L		
		Acenaphthylene	2009/01/21	<0.05	ug/L		
		Anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)pyrene	2009/01/21	<0.01	ug/L		
		Benzo(b/j)fluoranthene	2009/01/21	<0.05	ug/L		
		Benzo(g,h,i)perylene	2009/01/21	<0.1	ug/L		
		Benzo(k)fluoranthene	2009/01/21	<0.05	ug/L		
		Chrysene	2009/01/21	<0.05	ug/L		
		Dibenz(a,h)anthracene	2009/01/21	<0.1	ug/L		
		Fluoranthene	2009/01/21	<0.05	ug/L		
		Fluorene	2009/01/21	<0.05	ug/L		
		Indeno(1,2,3-cd)pyrene	2009/01/21	<0.1	ug/L		
		1-Methylnaphthalene	2009/01/21	<0.05	ug/L		
		2-Methylnaphthalene	2009/01/21	<0.05	ug/L		
RPD		Naphthalene	2009/01/21	<0.05	ug/L		
		Phenanthrene	2009/01/21	<0.05	ug/L		
		Pyrene	2009/01/21	<0.05	ug/L		
		Acenaphthene	2009/01/21	NC	%	40	
		Acenaphthylene	2009/01/21	NC	%	40	
		Anthracene	2009/01/21	NC	%	40	
		Benzo(a)anthracene	2009/01/21	NC	%	40	
		Benzo(a)pyrene	2009/01/21	NC	%	40	
		Benzo(b/j)fluoranthene	2009/01/21	NC	%	40	
		Benzo(g,h,i)perylene	2009/01/21	NC	%	40	
		Benzo(k)fluoranthene	2009/01/21	NC	%	40	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	RPD	Chrysene	2009/01/21	NC		%	40
		Dibenz(a,h)anthracene	2009/01/21	NC		%	40
		Fluoranthene	2009/01/21	NC		%	40
		Fluorene	2009/01/21	NC		%	40
		Indeno(1,2,3-cd)pyrene	2009/01/21	NC		%	40
		1-Methylnaphthalene	2009/01/21	NC		%	40
		2-Methylnaphthalene	2009/01/21	NC		%	40
		Naphthalene	2009/01/21	NC		%	40
		Phenanthrene	2009/01/21	NC		%	40
		Pyrene	2009/01/21	NC		%	40
1724203 GBU	MATRIX SPIKE	Dissolved Antimony (Sb)	2009/01/21	108		%	80 - 120
		Dissolved Arsenic (As)	2009/01/21	107		%	80 - 120
		Dissolved Barium (Ba)	2009/01/21	100		%	80 - 120
		Dissolved Beryllium (Be)	2009/01/21	102		%	80 - 120
		Dissolved Boron (B)	2009/01/21	101		%	80 - 120
		Dissolved Cadmium (Cd)	2009/01/21	104		%	80 - 120
		Dissolved Chromium (Cr)	2009/01/21	96		%	80 - 120
		Dissolved Cobalt (Co)	2009/01/21	95		%	80 - 120
		Dissolved Copper (Cu)	2009/01/21	98		%	80 - 120
		Dissolved Lead (Pb)	2009/01/21	105		%	80 - 120
		Dissolved Molybdenum (Mo)	2009/01/21	106		%	80 - 120
		Dissolved Nickel (Ni)	2009/01/21	98		%	80 - 120
		Dissolved Selenium (Se)	2009/01/21	106		%	80 - 120
		Dissolved Silver (Ag)	2009/01/21	90		%	80 - 120
		Dissolved Sodium (Na)	2009/01/21	NC (2)		%	80 - 120
		Dissolved Thallium (Tl)	2009/01/21	102		%	80 - 120
		Dissolved Vanadium (V)	2009/01/21	96		%	80 - 120
		Dissolved Zinc (Zn)	2009/01/21	102		%	80 - 120
		Spiked Blank					
		Dissolved Antimony (Sb)	2009/01/21	104		%	85 - 115
		Dissolved Arsenic (As)	2009/01/21	102		%	85 - 115
		Dissolved Barium (Ba)	2009/01/21	100		%	85 - 115
		Dissolved Beryllium (Be)	2009/01/21	101		%	85 - 115
		Dissolved Boron (B)	2009/01/21	99		%	85 - 115
		Dissolved Cadmium (Cd)	2009/01/21	101		%	85 - 115
		Dissolved Chromium (Cr)	2009/01/21	95		%	85 - 115
		Dissolved Cobalt (Co)	2009/01/21	96		%	85 - 115
		Dissolved Copper (Cu)	2009/01/21	98		%	85 - 115
		Dissolved Lead (Pb)	2009/01/21	102		%	85 - 115
		Dissolved Molybdenum (Mo)	2009/01/21	102		%	85 - 115
		Dissolved Nickel (Ni)	2009/01/21	102		%	85 - 115
		Dissolved Selenium (Se)	2009/01/21	103		%	85 - 115
		Dissolved Silver (Ag)	2009/01/21	94		%	85 - 115
		Dissolved Sodium (Na)	2009/01/21	98		%	85 - 115
		Dissolved Thallium (Tl)	2009/01/21	97		%	85 - 115
		Dissolved Vanadium (V)	2009/01/21	96		%	85 - 115
		Dissolved Zinc (Zn)	2009/01/21	103		%	85 - 115
Method Blank		Dissolved Antimony (Sb)	2009/01/21	<0.5		ug/L	
		Dissolved Arsenic (As)	2009/01/21	<1		ug/L	
		Dissolved Barium (Ba)	2009/01/21	<5		ug/L	
		Dissolved Beryllium (Be)	2009/01/21	<0.5		ug/L	
		Dissolved Boron (B)	2009/01/21	<10		ug/L	
		Dissolved Cadmium (Cd)	2009/01/21	<0.1		ug/L	
		Dissolved Chromium (Cr)	2009/01/21	<5		ug/L	
		Dissolved Cobalt (Co)	2009/01/21	<0.5		ug/L	
		Dissolved Copper (Cu)	2009/01/21	<1		ug/L	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905921

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724203 GBU	Method Blank	Dissolved Lead (Pb)	2009/01/21	<0.5		ug/L	
		Dissolved Molybdenum (Mo)	2009/01/21	<1		ug/L	
		Dissolved Nickel (Ni)	2009/01/21	<1		ug/L	
		Dissolved Selenium (Se)	2009/01/21	<2		ug/L	
		Dissolved Silver (Ag)	2009/01/21	<0.1		ug/L	
		Dissolved Sodium (Na)	2009/01/21	<100		ug/L	
		Dissolved Thallium (Tl)	2009/01/21	<0.05		ug/L	
		Dissolved Vanadium (V)	2009/01/21	<1		ug/L	
		Dissolved Zinc (Zn)	2009/01/21	<5		ug/L	
		Dissolved Antimony (Sb)	2009/01/21	NC		%	25
		Dissolved Arsenic (As)	2009/01/21	NC		%	25
		Dissolved Barium (Ba)	2009/01/21	1.7		%	25
		Dissolved Beryllium (Be)	2009/01/21	NC		%	25
		Dissolved Boron (B)	2009/01/21	NC		%	25
		Dissolved Cadmium (Cd)	2009/01/21	NC		%	25
		Dissolved Chromium (Cr)	2009/01/21	NC		%	25
		Dissolved Cobalt (Co)	2009/01/21	NC		%	25
		Dissolved Copper (Cu)	2009/01/21	NC		%	25
		Dissolved Lead (Pb)	2009/01/21	NC		%	25
		Dissolved Molybdenum (Mo)	2009/01/21	NC		%	25
		Dissolved Nickel (Ni)	2009/01/21	NC		%	25
		Dissolved Selenium (Se)	2009/01/21	NC		%	25
		Dissolved Silver (Ag)	2009/01/21	NC		%	25
		Dissolved Sodium (Na)	2009/01/21	5.9		%	25
		Dissolved Thallium (Tl)	2009/01/21	NC		%	25
		Dissolved Vanadium (V)	2009/01/21	NC		%	25
		Dissolved Zinc (Zn)	2009/01/21	NC		%	25
1724715 NCI	MATRIX SPIKE	o-Terphenyl	2009/01/22		105	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		75	%	60 - 130
		Spiked Blank					
		o-Terphenyl	2009/01/22		94	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		79	%	60 - 130
		Method Blank					
1724715 NCI	RPD	o-Terphenyl	2009/01/21		90	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	<100		ug/L	
		F3 (C16-C34 Hydrocarbons)	2009/01/21	<100		ug/L	
		F4 (C34-C50 Hydrocarbons)	2009/01/21	<100		ug/L	
		Spiked Blank					
		F2 (C10-C16 Hydrocarbons)	2009/01/21	NC		%	50
		F3 (C16-C34 Hydrocarbons)	2009/01/21	NC		%	50
		F4 (C34-C50 Hydrocarbons)	2009/01/21	NC		%	50

NC = Non-calculable

RPD = Relative Percent Difference

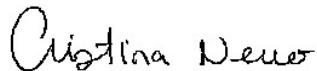
SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

(2) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Validation Signature Page**Maxxam Job #: A905921**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services



MEDHAT RISKALLAH, Manager, Hydrocarbon Department



MAMDOUH SALIB, Analyst, Hydrocarbons



YUAN ZHOU, gc\ms Technician

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

20-Jan-09 07:42

CHAIN OF CUSTODY RECORD

Page 1 of 1

INVOICE INFORMATION	
Company Name:	<i>Aqua Terre Solutions Inc.</i>
Contact Name:	<i>Allison McIntosh / Thom Verwey</i>
Address:	<i>1160 Sheppard Ave. W. Suite 200 Toronto, ON M3K 2B4</i>
Phone:	<i>416-635-5882</i>
Fax:	<i>416-635-5353</i>
Email:	<i>amcintosh@aquterr.es.ca; tverwey@aquterr.ca</i>

R	Company	RENTA SZURSKI
Company	Project #	A905921
Contact N.	P.O. #	J_L
Address:	Project #: 087291	ENV-668
Phone:	Location:	
Fax:	Sampled By:	
Email:		

PROJECT INFORMATION	MAXXAM JOB NUMBER
Quotation #: A65754	
P.O. #:	
Project #: 087291	
Project Name: Lakeshore Bluff E. Hastings	
Location: Area A	
Sampled By: A. McIntosh	
CHAIN OF CUSTODY #	
OO 464547	

REGULATORY CRITERIA			
Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.			
<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other
<input type="checkbox"/> PWQO	<input type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary	
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Storm	specify
	<input checked="" type="checkbox"/> Table 3	Region: _____	
	<input type="checkbox"/> Reg. 558	Report Criteria on C of A? <input type="checkbox"/>	

ANALYSIS REQUESTED (Please be specific)				TURNAROUND TIME (TAT) REQUIRED			
				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.			
				Regular (Standard) TAT: <input checked="" type="checkbox"/> 5 to 7 Working Days			
				Rush TAT: Rush Confirmation #: _____ (call Lab for #) <input type="checkbox"/> 1 day <input type="checkbox"/> 2 days <input type="checkbox"/> 3 days			
				DATE Required: _____			
				TIME Required: _____			
				Please note that TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.			
# of Cont.	COMMENTS / TAT COMMENTS						
12							
<i>19 JAN 20 7:42</i>							
<i>CUSTODY SHEET IMPLICIT</i>							
RELINQUISHED BY (Signature/Print)		RECEIVED BY (Signature/Print)		Date	Time	Laboratory Use Only	
<i>Allison McIntosh</i>				19 Jan. 09	18:00	Temperature (°C) on Receipt	Condition of Sample on Receipt
				20 FEB 2010	09:01:20	7:42	<input type="checkbox"/> OK <input type="checkbox"/> SIF

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

Your Project #: 08729A
Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B
Your C.O.C. #: 00464548

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/23

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905927**

Received: 2009/01/20, 07:42

Sample Matrix: Water

Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Petroleum Hydro. CCME F1 & BTEX in Water	1	2009/01/20	2009/01/21	CAM SOP-00315	CCME CWS
Petroleum Hydrocarbons F2-F4 in Water	1	2009/01/21	2009/01/22	CAM SOP-00316	CCME Hydrocarbons
Dissolved Metals by ICPMS	1	N/A	2009/01/21	CAM SOP-00447	EPA 6020
PAH Compounds in Water by GC/MS (SIM)	1	2009/01/21	2009/01/22	CAM SOP-00318	EPA 8270
pH	1	N/A	2009/01/21	CAM SOP-00448	SM 4500H
Volatile Organic Compounds in Water	1	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 16

Maxxam Job #: A905927
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

RESULTS OF ANALYSES OF WATER

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch

Inorganics				
pH	pH	7.1		1724208

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905927
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch

Metals				
Dissolved Antimony (Sb)	ug/L	<0.5	0.5	1724203
Dissolved Arsenic (As)	ug/L	2	1	1724203
Dissolved Barium (Ba)	ug/L	610	5	1724203
Dissolved Beryllium (Be)	ug/L	<0.5	0.5	1724203
Dissolved Boron (B)	ug/L	2000	10	1724203
Dissolved Cadmium (Cd)	ug/L	<0.1	0.1	1724203
Dissolved Chromium (Cr)	ug/L	<5	5	1724203
Dissolved Cobalt (Co)	ug/L	2.5	0.5	1724203
Dissolved Copper (Cu)	ug/L	<1	1	1724203
Dissolved Lead (Pb)	ug/L	<0.5	0.5	1724203
Dissolved Molybdenum (Mo)	ug/L	<1	1	1724203
Dissolved Nickel (Ni)	ug/L	<5 (1)	5	1724203
Dissolved Selenium (Se)	ug/L	<2	2	1724203
Dissolved Silver (Ag)	ug/L	<0.1	0.1	1724203
Dissolved Sodium (Na)	ug/L	150000	100	1724203
Dissolved Thallium (Tl)	ug/L	<0.05	0.05	1724203
Dissolved Vanadium (V)	ug/L	3	1	1724203
Dissolved Zinc (Zn)	ug/L	17	5	1724203

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Detection Limit was raised due to matrix interferences.

Maxxam Job #: A905927
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch

Polyaromatic Hydrocarbons				
Acenaphthene	ug/L	3.6	0.5	1724098
Acenaphthylene	ug/L	1.1	0.5	1724098
Anthracene	ug/L	5.1	0.5	1724098
Benzo(a)anthracene	ug/L	13	0.5	1724098
Benzo(a)pyrene	ug/L	12	0.1	1724098
Benzo(b/j)fluoranthene	ug/L	14	0.5	1724098
Benzo(g,h,i)perylene	ug/L	7	1	1724098
Benzo(k)fluoranthene	ug/L	5.1	0.5	1724098
Chrysene	ug/L	9.5	0.5	1724098
Dibenz(a,h)anthracene	ug/L	1	1	1724098
Fluoranthene	ug/L	30	0.5	1724098
Fluorene	ug/L	4.8	0.5	1724098
Indeno(1,2,3-cd)pyrene	ug/L	8	1	1724098
1-Methylnaphthalene	ug/L	0.6	0.5	1724098
2-Methylnaphthalene	ug/L	0.5	0.5	1724098
Naphthalene	ug/L	2.1	0.5	1724098
Phenanthrene	ug/L	18	0.5	1724098
Pyrene	ug/L	23	0.5	1724098
Surrogate Recovery (%)				
D10-Anthracene	%	73		1724098
D14-Terphenyl (FS)	%	73		1724098
D7-Quinoline	%	56		1724098
D8-Acenaphthylene	%	76		1724098
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905927
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch

Volatile Organics				
Acetone (2-Propanone)	ug/L	<10	10	1723847
Benzene	ug/L	0.1	0.1	1723847
Bromodichloromethane	ug/L	<0.1	0.1	1723847
Bromoform	ug/L	<0.2	0.2	1723847
Bromomethane	ug/L	<0.5	0.5	1723847
Carbon Tetrachloride	ug/L	<0.1	0.1	1723847
Chlorobenzene	ug/L	0.2	0.1	1723847
Chloroform	ug/L	<0.1	0.1	1723847
Dibromochloromethane	ug/L	<0.2	0.2	1723847
1,2-Dichlorobenzene	ug/L	<0.2	0.2	1723847
1,3-Dichlorobenzene	ug/L	<0.2	0.2	1723847
1,4-Dichlorobenzene	ug/L	1.0	0.2	1723847
1,1-Dichloroethane	ug/L	<0.1	0.1	1723847
1,2-Dichloroethane	ug/L	<0.2	0.2	1723847
1,1-Dichloroethylene	ug/L	<0.1	0.1	1723847
cis-1,2-Dichloroethylene	ug/L	<0.1	0.1	1723847
trans-1,2-Dichloroethylene	ug/L	<0.1	0.1	1723847
1,2-Dichloropropane	ug/L	<0.1	0.1	1723847
cis-1,3-Dichloropropene	ug/L	<0.2	0.2	1723847
trans-1,3-Dichloropropene	ug/L	<0.2	0.2	1723847
Ethylbenzene	ug/L	<0.1	0.1	1723847
Ethylene Dibromide	ug/L	<0.2	0.2	1723847
Methylene Chloride(Dichloromethane)	ug/L	<0.5	0.5	1723847
Methyl Isobutyl Ketone	ug/L	<5	5	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<5	5	1723847
Methyl t-butyl ether (MTBE)	ug/L	<0.2	0.2	1723847
Styrene	ug/L	<0.2	0.2	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.1	0.1	1723847
1,1,2,2-Tetrachloroethane	ug/L	<0.2	0.2	1723847
Tetrachloroethylene	ug/L	<0.1	0.1	1723847
Toluene	ug/L	<0.2	0.2	1723847
1,1,1-Trichloroethane	ug/L	<0.1	0.1	1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905927
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch
1,1,2-Trichloroethane	ug/L	<0.2	0.2	1723847
Trichloroethylene	ug/L	<0.1	0.1	1723847
Vinyl Chloride	ug/L	<0.2	0.2	1723847
p+m-Xylene	ug/L	<0.1	0.1	1723847
o-Xylene	ug/L	<0.1	0.1	1723847
Xylene (Total)	ug/L	<0.1	0.1	1723847
Surrogate Recovery (%)				
4-Bromofluorobenzene	%	98		1723847
D4-1,2-Dichloroethane	%	118		1723847
D8-Toluene	%	96		1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905927
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		BN5707		
Sampling Date		2009/01/19 15:15		
COC Number		00464548		
	Units	BH 706	RDL	QC Batch

BTEX & F1 Hydrocarbons				
F1 (C6-C10)	ug/L	<100	100	1724060
F1 (C6-C10) - BTEX	ug/L	<100	100	1724060
F2-F4 Hydrocarbons				
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	1724715
F3 (C16-C34 Hydrocarbons)	ug/L	260	100	1724715
F4 (C34-C50 Hydrocarbons)	ug/L	180	100	1724715
Reached Baseline at C50	ug/L	Yes		1724715
F1 + F2	ug/L	<100	100	1724715
F3 + F4	ug/L	440	100	1724715
Surrogate Recovery (%)				
1,4-Difluorobenzene	%	101		1724060
4-Bromofluorobenzene	%	97		1724060
D10-Ethylbenzene	%	93		1724060
D4-1,2-Dichloroethane	%	94		1724060
o-Terphenyl	%	108		1724715
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905927
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E,LESLIE ST, AREA B

Package 1	1.7°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

F1-BTEX Analysis: The BTEX results used for the F1-BTEX calculation were obtained from Headspace-GC analysis.

Sample BN5707-01: PAH analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report
 Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
Spiked Blank		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	107	%	60 - 140	
		Benzene	2009/01/21	98	%	70 - 130	
		Bromodichloromethane	2009/01/21	107	%	70 - 130	
		Bromoform	2009/01/21	80	%	70 - 130	
		Bromomethane	2009/01/21	102	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	112	%	70 - 130	
		Chlorobenzene	2009/01/21	91	%	70 - 130	
		Chloroform	2009/01/21	106	%	70 - 130	
		Dibromochloromethane	2009/01/21	93	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	96	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	94	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	91	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
Method Blank	Method Blank	4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	1,1,1,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
		Tetrachloroethylene	2009/01/21	NC		%	40
1724060	DTI	Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	94		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	86		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	103		%	70 - 130
1724098	JJI	4-Bromofluorobenzene	2009/01/20	99		%	70 - 130
		D10-Ethylbenzene	2009/01/20	99		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	91		%	70 - 130
		F1 (C6-C10)	2009/01/20	88		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	87		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	<100		ug/L	
		F1 (C6-C10) - BTEX	2009/01/20	<100		ug/L	
1724098	MATRIX SPIKE	F1 (C6-C10)	2009/01/20	NC		%	40
		F1 (C6-C10) - BTEX	2009/01/20	NC		%	40
		D10-Anthracene	2009/01/21	73		%	30 - 130
		D14-Terphenyl (FS)	2009/01/21	87		%	30 - 130
		D7-Quinoline	2009/01/21	89		%	30 - 130
		D8-Acenaphthylene	2009/01/21	83		%	30 - 130
		Acenaphthene	2009/01/21	85		%	30 - 130
		Acenaphthylene	2009/01/21	81		%	30 - 130
		Anthracene	2009/01/21	80		%	30 - 130
		Benzo(a)anthracene	2009/01/21	107		%	30 - 130
		Benzo(a)pyrene	2009/01/21	103		%	30 - 130
		Benzo(b/j)fluoranthene	2009/01/21	101		%	30 - 130
		Benzo(g,h,i)perylene	2009/01/21	98		%	30 - 130
		Benzo(k)fluoranthene	2009/01/21	96		%	30 - 130
		Chrysene	2009/01/21	110		%	30 - 130
		Dibenz(a,h)anthracene	2009/01/21	107		%	30 - 130
		Fluoranthene	2009/01/21	94		%	30 - 130
		Fluorene	2009/01/21	93		%	30 - 130
		Indeno(1,2,3-cd)pyrene	2009/01/21	105		%	30 - 130
		1-Methylnaphthalene	2009/01/21	75		%	30 - 130
		2-Methylnaphthalene	2009/01/21	72		%	30 - 130

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	MATRIX SPIKE	Naphthalene	2009/01/21	68	%	30 - 130	
		Phenanthrene	2009/01/21	86	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		Spiked Blank	D10-Anthracene	75	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	95	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	88	%	30 - 130	
		Acenaphthene	2009/01/21	91	%	30 - 130	
		Acenaphthylene	2009/01/21	88	%	30 - 130	
		Anthracene	2009/01/21	82	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	108	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	98	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	104	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	97	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	82	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	80	%	30 - 130	
Method Blank		Naphthalene	2009/01/21	76	%	30 - 130	
		Phenanthrene	2009/01/21	88	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		D10-Anthracene	2009/01/21	73	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	98	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	82	%	30 - 130	
		Acenaphthene	2009/01/21	<0.05	ug/L		
		Acenaphthylene	2009/01/21	<0.05	ug/L		
		Anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)pyrene	2009/01/21	<0.01	ug/L		
		Benzo(b/j)fluoranthene	2009/01/21	<0.05	ug/L		
		Benzo(g,h,i)perylene	2009/01/21	<0.1	ug/L		
		Benzo(k)fluoranthene	2009/01/21	<0.05	ug/L		
		Chrysene	2009/01/21	<0.05	ug/L		
		Dibenz(a,h)anthracene	2009/01/21	<0.1	ug/L		
		Fluoranthene	2009/01/21	<0.05	ug/L		
		Fluorene	2009/01/21	<0.05	ug/L		
		Indeno(1,2,3-cd)pyrene	2009/01/21	<0.1	ug/L		
		1-Methylnaphthalene	2009/01/21	<0.05	ug/L		
		2-Methylnaphthalene	2009/01/21	<0.05	ug/L		
RPD		Naphthalene	2009/01/21	<0.05	ug/L		
		Phenanthrene	2009/01/21	<0.05	ug/L		
		Pyrene	2009/01/21	<0.05	ug/L		
		Acenaphthene	2009/01/21	NC	%	40	
		Acenaphthylene	2009/01/21	NC	%	40	
		Anthracene	2009/01/21	NC	%	40	
		Benzo(a)anthracene	2009/01/21	NC	%	40	
		Benzo(a)pyrene	2009/01/21	NC	%	40	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	RPD	Chrysene	2009/01/21	NC		%	40
		Dibenz(a,h)anthracene	2009/01/21	NC		%	40
		Fluoranthene	2009/01/21	NC		%	40
		Fluorene	2009/01/21	NC		%	40
		Indeno(1,2,3-cd)pyrene	2009/01/21	NC		%	40
		1-Methylnaphthalene	2009/01/21	NC		%	40
		2-Methylnaphthalene	2009/01/21	NC		%	40
		Naphthalene	2009/01/21	NC		%	40
		Phenanthrene	2009/01/21	NC		%	40
		Pyrene	2009/01/21	NC		%	40
1724203 GBU	MATRIX SPIKE	Dissolved Antimony (Sb)	2009/01/21	108		%	80 - 120
		Dissolved Arsenic (As)	2009/01/21	107		%	80 - 120
		Dissolved Barium (Ba)	2009/01/21	100		%	80 - 120
		Dissolved Beryllium (Be)	2009/01/21	102		%	80 - 120
		Dissolved Boron (B)	2009/01/21	101		%	80 - 120
		Dissolved Cadmium (Cd)	2009/01/21	104		%	80 - 120
		Dissolved Chromium (Cr)	2009/01/21	96		%	80 - 120
		Dissolved Cobalt (Co)	2009/01/21	95		%	80 - 120
		Dissolved Copper (Cu)	2009/01/21	98		%	80 - 120
		Dissolved Lead (Pb)	2009/01/21	105		%	80 - 120
		Dissolved Molybdenum (Mo)	2009/01/21	106		%	80 - 120
		Dissolved Nickel (Ni)	2009/01/21	98		%	80 - 120
		Dissolved Selenium (Se)	2009/01/21	106		%	80 - 120
		Dissolved Silver (Ag)	2009/01/21	90		%	80 - 120
		Dissolved Sodium (Na)	2009/01/21	NC (2)		%	80 - 120
		Dissolved Thallium (Tl)	2009/01/21	102		%	80 - 120
		Dissolved Vanadium (V)	2009/01/21	96		%	80 - 120
		Dissolved Zinc (Zn)	2009/01/21	102		%	80 - 120
Spiked Blank		Dissolved Antimony (Sb)	2009/01/21	104		%	85 - 115
		Dissolved Arsenic (As)	2009/01/21	102		%	85 - 115
		Dissolved Barium (Ba)	2009/01/21	100		%	85 - 115
		Dissolved Beryllium (Be)	2009/01/21	101		%	85 - 115
		Dissolved Boron (B)	2009/01/21	99		%	85 - 115
		Dissolved Cadmium (Cd)	2009/01/21	101		%	85 - 115
		Dissolved Chromium (Cr)	2009/01/21	95		%	85 - 115
		Dissolved Cobalt (Co)	2009/01/21	96		%	85 - 115
		Dissolved Copper (Cu)	2009/01/21	98		%	85 - 115
		Dissolved Lead (Pb)	2009/01/21	102		%	85 - 115
		Dissolved Molybdenum (Mo)	2009/01/21	102		%	85 - 115
		Dissolved Nickel (Ni)	2009/01/21	102		%	85 - 115
		Dissolved Selenium (Se)	2009/01/21	103		%	85 - 115
		Dissolved Silver (Ag)	2009/01/21	94		%	85 - 115
		Dissolved Sodium (Na)	2009/01/21	98		%	85 - 115
		Dissolved Thallium (Tl)	2009/01/21	97		%	85 - 115
		Dissolved Vanadium (V)	2009/01/21	96		%	85 - 115
		Dissolved Zinc (Zn)	2009/01/21	103		%	85 - 115
Method Blank		Dissolved Antimony (Sb)	2009/01/21	<0.5		ug/L	
		Dissolved Arsenic (As)	2009/01/21	<1		ug/L	
		Dissolved Barium (Ba)	2009/01/21	<5		ug/L	
		Dissolved Beryllium (Be)	2009/01/21	<0.5		ug/L	
		Dissolved Boron (B)	2009/01/21	<10		ug/L	
		Dissolved Cadmium (Cd)	2009/01/21	<0.1		ug/L	
		Dissolved Chromium (Cr)	2009/01/21	<5		ug/L	
		Dissolved Cobalt (Co)	2009/01/21	<0.5		ug/L	
		Dissolved Copper (Cu)	2009/01/21	<1		ug/L	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905927

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724203 GBU	Method Blank	Dissolved Lead (Pb)	2009/01/21	<0.5		ug/L	
		Dissolved Molybdenum (Mo)	2009/01/21	<1		ug/L	
		Dissolved Nickel (Ni)	2009/01/21	<1		ug/L	
		Dissolved Selenium (Se)	2009/01/21	<2		ug/L	
		Dissolved Silver (Ag)	2009/01/21	<0.1		ug/L	
		Dissolved Sodium (Na)	2009/01/21	<100		ug/L	
		Dissolved Thallium (Tl)	2009/01/21	<0.05		ug/L	
		Dissolved Vanadium (V)	2009/01/21	<1		ug/L	
		Dissolved Zinc (Zn)	2009/01/21	<5		ug/L	
		Dissolved Antimony (Sb)	2009/01/21	NC		%	25
		Dissolved Arsenic (As)	2009/01/21	NC		%	25
		Dissolved Barium (Ba)	2009/01/21	1.7		%	25
		Dissolved Beryllium (Be)	2009/01/21	NC		%	25
		Dissolved Boron (B)	2009/01/21	NC		%	25
		Dissolved Cadmium (Cd)	2009/01/21	NC		%	25
		Dissolved Chromium (Cr)	2009/01/21	NC		%	25
		Dissolved Cobalt (Co)	2009/01/21	NC		%	25
		Dissolved Copper (Cu)	2009/01/21	NC		%	25
		Dissolved Lead (Pb)	2009/01/21	NC		%	25
		Dissolved Molybdenum (Mo)	2009/01/21	NC		%	25
		Dissolved Nickel (Ni)	2009/01/21	NC		%	25
		Dissolved Selenium (Se)	2009/01/21	NC		%	25
		Dissolved Silver (Ag)	2009/01/21	NC		%	25
		Dissolved Sodium (Na)	2009/01/21	5.9		%	25
		Dissolved Thallium (Tl)	2009/01/21	NC		%	25
		Dissolved Vanadium (V)	2009/01/21	NC		%	25
		Dissolved Zinc (Zn)	2009/01/21	NC		%	25
1724715 NCI	MATRIX SPIKE	o-Terphenyl	2009/01/22		105	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		75	%	60 - 130
		Spiked Blank					
		o-Terphenyl	2009/01/22		94	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		79	%	60 - 130
		Method Blank					
1724715 NCI	RPD	o-Terphenyl	2009/01/21		90	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	<100		ug/L	
		F3 (C16-C34 Hydrocarbons)	2009/01/21	<100		ug/L	
		F4 (C34-C50 Hydrocarbons)	2009/01/21	<100		ug/L	
		Spiked Blank					
		F2 (C10-C16 Hydrocarbons)	2009/01/21	NC		%	50
		F3 (C16-C34 Hydrocarbons)	2009/01/21	NC		%	50
		F4 (C34-C50 Hydrocarbons)	2009/01/21	NC		%	50

NC = Non-calculable

RPD = Relative Percent Difference

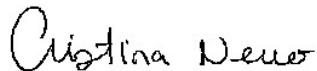
SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

(2) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Validation Signature Page**Maxxam Job #: A905927**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services



MEDHAT RISKALLAH, Manager, Hydrocarbon Department



MAMDOUH SALIB, Analyst, Hydrocarbons



YUAN ZHOU, gc\ms Technician

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

INVOICE INFORMATION

Company Name: Aqua Terre Solutions Inc.
Contact Name: Allison McIntosh / Thom Kewen
Address: 1100 Stefford Ave.WI Suite 200
Toronto, ON M3K 2B4
Phone: 416-635-5882 Fax: 416-635-5353
Email: amcintosh@aquaerre.ca / tkewen@aquaerre.ca


A905927
J_L ENV-668

PROJECT INFORMATION		MAXXAM JOB NUMBER
Quotation #:	<u>A65754</u>	
P.O. #:	<u> </u>	
Project #:	<u>08729A</u>	CHAIN OF CUSTODY #
Project Name:	<u>LakeShore Blv/NE 8th/lest,</u>	
Location:	<u>Area B</u>	<u>00464548</u>
Sampled By:	<u>A. McIntosh</u>	

REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)				TURNAROUND TIME (TAT) REQUIRED			
<p>Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.</p> <p><input type="checkbox"/> MISA Reg. 153 Sewer Use <input type="checkbox"/> Other</p> <p><input type="checkbox"/> PWQO <input type="checkbox"/> Table 1 <input type="checkbox"/> Sanitary <input type="checkbox"/> Table 2 <input type="checkbox"/> Storm specify</p> <p><input checked="" type="checkbox"/> Table 3 Region: _____</p> <p><input type="checkbox"/> Reg. 558</p> <p>Report Criteria on C of A? <input type="checkbox"/></p>								<p>PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS.</p> <p>Regular (Standard) TAT: <input checked="" type="checkbox"/> 5 to 7 Working Days</p> <p>Rush TAT: Rush Confirmation #: _____ (call Lab for #)</p> <p><input type="checkbox"/> 1 day <input type="checkbox"/> 2 days <input type="checkbox"/> 3 days</p> <p>DATE Required: _____</p> <p>TIME Required: _____</p> <p>Please note that TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.</p>			
<p>SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.</p>				<p>Regulated Drinking Water? (Y / N)</p> <p>Metals Field Filtered? (Y / N)</p> <p>pH Fe → Fe²⁺ HC VOC metals - short list K PATT</p>				<p># of Cont.</p> <p>COMMENTS / TAT COMMENTS</p> <p>12</p>			
1	BH 706	19 Jan 09	15:15	GW	N	Y	X	X	X	X	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
<p>RELINQUISHED BY (Signature/Print)</p> <p><i>Allison McIntosh</i></p>				<p>RECEIVED BY (Signature/Print)</p> <p><i>John Smith</i></p>				Date	Time	Laboratory Use Only	
								19 Jan 09	18:00	<p>Temperature (°C) on Receipt</p> <p>21/11 °C</p>	<p>Condition of Sample on Receipt</p> <p>OK SIF</p>
								09/01/20	7:47		

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

ENVCOC-ONT-05/06

Page 16 of 16

White Maxxant

Yellow Mail

Pink Client

Your Project #: 08729A
Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B
Your C.O.C. #: 00464528

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/23

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905937**

Received: 2009/01/20, 07:41

Sample Matrix: Water

Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Petroleum Hydro. CCME F1 & BTEX in Water	2	2009/01/20	2009/01/21	CAM SOP-00315	CCME CWS
Petroleum Hydrocarbons F2-F4 in Water	2	2009/01/21	2009/01/22	CAM SOP-00316	CCME Hydrocarbons
Dissolved Metals by ICPMS	2	N/A	2009/01/21	CAM SOP-00447	EPA 6020
PAH Compounds in Water by GC/MS (SIM)	2	2009/01/21	2009/01/22	CAM SOP-00318	EPA 8270
pH	2	N/A	2009/01/21	CAM SOP-00448	SM 4500H
Volatile Organic Compounds in Water	2	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 16

Maxxam Job #: A905937
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

RESULTS OF ANALYSES OF WATER

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		
	Units	BH605	BH6055	RDL	QC Batch

Inorganics					
pH	pH	6.8	6.8		1724208

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905937
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		

Metals					
Dissolved Antimony (Sb)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Arsenic (As)	ug/L	<1	<1	1	1724203
Dissolved Barium (Ba)	ug/L	450	450	5	1724203
Dissolved Beryllium (Be)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Boron (B)	ug/L	1100	1100	10	1724203
Dissolved Cadmium (Cd)	ug/L	<0.1	<0.1	0.1	1724203
Dissolved Chromium (Cr)	ug/L	<5	<5	5	1724203
Dissolved Cobalt (Co)	ug/L	1.7	1.9	0.5	1724203
Dissolved Copper (Cu)	ug/L	<1	<1	1	1724203
Dissolved Lead (Pb)	ug/L	<0.5	<0.5	0.5	1724203
Dissolved Molybdenum (Mo)	ug/L	<1	<1	1	1724203
Dissolved Nickel (Ni)	ug/L	<5 (1)	<5 (1)	5	1724203
Dissolved Selenium (Se)	ug/L	<2	<2	2	1724203
Dissolved Silver (Ag)	ug/L	<0.1	<0.1	0.1	1724203
Dissolved Sodium (Na)	ug/L	250000	240000	100	1724203
Dissolved Thallium (Tl)	ug/L	<0.05	<0.05	0.05	1724203
Dissolved Vanadium (V)	ug/L	1	<1	1	1724203
Dissolved Zinc (Zn)	ug/L	<5	<5	5	1724203

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Detection Limit was raised due to matrix interferences.

Maxxam Job #: A905937
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		
	Units	BH605	BH6055	RDL	QC Batch

Polyaromatic Hydrocarbons					
Acenaphthene	ug/L	1.9	2.0	0.05	1724098
Acenaphthylene	ug/L	0.43	0.38	0.05	1724098
Anthracene	ug/L	1.1	0.56	0.05	1724098
Benzo(a)anthracene	ug/L	2.1	1.1	0.05	1724098
Benzo(a)pyrene	ug/L	1.8	0.99	0.01	1724098
Benzo(b/j)fluoranthene	ug/L	2.2	1.2	0.05	1724098
Benzo(g,h,i)perylene	ug/L	1.2	0.7	0.1	1724098
Benzo(k)fluoranthene	ug/L	0.79	0.42	0.05	1724098
Chrysene	ug/L	1.7	0.89	0.05	1724098
Dibenz(a,h)anthracene	ug/L	0.3	0.1	0.1	1724098
Fluoranthene	ug/L	4.4	2.2	0.05	1724098
Fluorene	ug/L	1.5	1.4	0.05	1724098
Indeno(1,2,3-cd)pyrene	ug/L	1.2	0.7	0.1	1724098
1-Methylnaphthalene	ug/L	0.56	0.73	0.05	1724098
2-Methylnaphthalene	ug/L	0.23	0.16	0.05	1724098
Naphthalene	ug/L	0.82	0.52	0.05	1724098
Phenanthrene	ug/L	2.9	1.1	0.05	1724098
Pyrene	ug/L	3.8	2.1	0.05	1724098
Surrogate Recovery (%)					
D10-Anthracene	%	73	73		1724098
D14-Terphenyl (FS)	%	84	83		1724098
D7-Quinoline	%	89	91		1724098
D8-Acenaphthylene	%	84	83		1724098

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A905937
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		
	Units	BH605	BH6055	RDL	QC Batch

Volatile Organics					
Acetone (2-Propanone)	ug/L	<20	<20	20	1723847
Benzene	ug/L	0.7	0.7	0.2	1723847
Bromodichloromethane	ug/L	<0.2	<0.2	0.2	1723847
Bromoform	ug/L	<0.4	<0.4	0.4	1723847
Bromomethane	ug/L	<1	<1	1	1723847
Carbon Tetrachloride	ug/L	<0.2	<0.2	0.2	1723847
Chlorobenzene	ug/L	1.0	1.0	0.2	1723847
Chloroform	ug/L	<0.2	<0.2	0.2	1723847
Dibromochloromethane	ug/L	<0.4	<0.4	0.4	1723847
1,2-Dichlorobenzene	ug/L	<0.4	<0.4	0.4	1723847
1,3-Dichlorobenzene	ug/L	<0.4	<0.4	0.4	1723847
1,4-Dichlorobenzene	ug/L	<0.4	<0.4	0.4	1723847
1,1-Dichloroethane	ug/L	<0.2	<0.2	0.2	1723847
1,2-Dichloroethane	ug/L	<0.4	<0.4	0.4	1723847
1,1-Dichloroethylene	ug/L	<0.2	<0.2	0.2	1723847
cis-1,2-Dichloroethylene	ug/L	<0.2	<0.2	0.2	1723847
trans-1,2-Dichloroethylene	ug/L	<0.2	<0.2	0.2	1723847
1,2-Dichloropropane	ug/L	<0.2	<0.2	0.2	1723847
cis-1,3-Dichloropropene	ug/L	<0.4	<0.4	0.4	1723847
trans-1,3-Dichloropropene	ug/L	<0.4	<0.4	0.4	1723847
Ethylbenzene	ug/L	<0.2	<0.2	0.2	1723847
Ethylene Dibromide	ug/L	<0.4	<0.4	0.4	1723847
Methylene Chloride(Dichloromethane)	ug/L	<1	<1	1	1723847
Methyl Isobutyl Ketone	ug/L	<10	<10	10	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	10	1723847
Methyl t-butyl ether (MTBE)	ug/L	<0.4	<0.4	0.4	1723847
Styrene	ug/L	<0.4	<0.4	0.4	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.2	<0.2	0.2	1723847
1,1,2,2-Tetrachloroethane	ug/L	<0.4	<0.4	0.4	1723847
Tetrachloroethylene	ug/L	<0.2	<0.2	0.2	1723847
Toluene	ug/L	<0.4	<0.4	0.4	1723847
1,1,1-Trichloroethane	ug/L	<0.2	<0.2	0.2	1723847

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A905937
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		
	Units	BH605	BH6055	RDL	QC Batch

1,1,2-Trichloroethane	ug/L	<0.4	<0.4	0.4	1723847
Trichloroethylene	ug/L	<0.2	<0.2	0.2	1723847
Vinyl Chloride	ug/L	<0.4	<0.4	0.4	1723847
p+m-Xylene	ug/L	<0.2	<0.2	0.2	1723847
o-Xylene	ug/L	<0.2	<0.2	0.2	1723847
Xylene (Total)	ug/L	<0.2	<0.2	0.2	1723847
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	101	101		1723847
D4-1,2-Dichloroethane	%	116	115		1723847
D8-Toluene	%	97	97		1723847

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905937
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E, LESLIE ST, AREA B

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		BN5760	BN5761		
Sampling Date		2009/01/19 15:30	2009/01/19 15:35		
COC Number		00464528	00464528		
	Units	BH605	BH6055	RDL	QC Batch

BTEX & F1 Hydrocarbons					
F1 (C6-C10)	ug/L	<100	<100	100	1724060
F1 (C6-C10) - BTEX	ug/L	<100	<100	100	1724060
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/L	<100	<100	100	1724715
F3 (C16-C34 Hydrocarbons)	ug/L	<100	<100	100	1724715
F4 (C34-C50 Hydrocarbons)	ug/L	<100	<100	100	1724715
Reached Baseline at C50	ug/L	Yes	Yes		1724715
F1 + F2	ug/L	<100	<100	100	1724715
F3 + F4	ug/L	<100	<100	100	1724715
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	100	100		1724060
4-Bromofluorobenzene	%	99	99		1724060
D10-Ethylbenzene	%	93	95		1724060
D4-1,2-Dichloroethane	%	93	91		1724060
o-Terphenyl	%	95	89		1724715
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A905937
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E,LESLIE ST, AREA B

Package 1	5.3°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

F1-BTEX Analysis: The BTEX results used for the F1-BTEX calculation were obtained from Headspace-GC analysis.

VOC Analysis: Due to foaming, the samples required dilution. The detection limits were adjusted accordingly.

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report
 Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
Spiked Blank		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	107	%	60 - 140	
		Benzene	2009/01/21	98	%	70 - 130	
		Bromodichloromethane	2009/01/21	107	%	70 - 130	
		Bromoform	2009/01/21	80	%	70 - 130	
		Bromomethane	2009/01/21	102	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	112	%	70 - 130	
		Chlorobenzene	2009/01/21	91	%	70 - 130	
		Chloroform	2009/01/21	106	%	70 - 130	
		Dibromochloromethane	2009/01/21	93	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	96	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	94	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	91	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
Method Blank	Method Blank	4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	1,1,1,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
		Tetrachloroethylene	2009/01/21	NC		%	40
1724060	DTI	Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	94		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	86		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	103		%	70 - 130
1724098	JJ1	4-Bromofluorobenzene	2009/01/20	99		%	70 - 130
		D10-Ethylbenzene	2009/01/20	99		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	91		%	70 - 130
		F1 (C6-C10)	2009/01/20	88		%	70 - 130
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	87		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	<100		ug/L	
		F1 (C6-C10) - BTEX	2009/01/20	<100		ug/L	
1724098	JJ1	F1 (C6-C10)	2009/01/20	NC		%	40
		F1 (C6-C10) - BTEX	2009/01/20	NC		%	40
		D10-Anthracene	2009/01/21	73		%	30 - 130
		D14-Terphenyl (FS)	2009/01/21	87		%	30 - 130
		D7-Quinoline	2009/01/21	89		%	30 - 130
		D8-Acenaphthylene	2009/01/21	83		%	30 - 130
		Acenaphthene	2009/01/21	85		%	30 - 130
		Acenaphthylene	2009/01/21	81		%	30 - 130
		Anthracene	2009/01/21	80		%	30 - 130
		Benzo(a)anthracene	2009/01/21	107		%	30 - 130
		Benzo(a)pyrene	2009/01/21	103		%	30 - 130
		Benzo(b/j)fluoranthene	2009/01/21	101		%	30 - 130
		Benzo(g,h,i)perylene	2009/01/21	98		%	30 - 130
		Benzo(k)fluoranthene	2009/01/21	96		%	30 - 130
		Chrysene	2009/01/21	110		%	30 - 130
		Dibenz(a,h)anthracene	2009/01/21	107		%	30 - 130
		Fluoranthene	2009/01/21	94		%	30 - 130
		Fluorene	2009/01/21	93		%	30 - 130
		Indeno(1,2,3-cd)pyrene	2009/01/21	105		%	30 - 130
		1-Methylnaphthalene	2009/01/21	75		%	30 - 130
		2-Methylnaphthalene	2009/01/21	72		%	30 - 130

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	MATRIX SPIKE	Naphthalene	2009/01/21	68	%	30 - 130	
		Phenanthrene	2009/01/21	86	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		Spiked Blank	D10-Anthracene	75	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	95	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	88	%	30 - 130	
		Acenaphthene	2009/01/21	91	%	30 - 130	
		Acenaphthylene	2009/01/21	88	%	30 - 130	
		Anthracene	2009/01/21	82	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	108	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	98	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	104	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	97	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	82	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	80	%	30 - 130	
Method Blank		Naphthalene	2009/01/21	76	%	30 - 130	
		Phenanthrene	2009/01/21	88	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
		D10-Anthracene	2009/01/21	73	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	98	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	82	%	30 - 130	
		Acenaphthene	2009/01/21	<0.05	ug/L		
		Acenaphthylene	2009/01/21	<0.05	ug/L		
		Anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)anthracene	2009/01/21	<0.05	ug/L		
		Benzo(a)pyrene	2009/01/21	<0.01	ug/L		
		Benzo(b/j)fluoranthene	2009/01/21	<0.05	ug/L		
		Benzo(g,h,i)perylene	2009/01/21	<0.1	ug/L		
		Benzo(k)fluoranthene	2009/01/21	<0.05	ug/L		
		Chrysene	2009/01/21	<0.05	ug/L		
		Dibenz(a,h)anthracene	2009/01/21	<0.1	ug/L		
		Fluoranthene	2009/01/21	<0.05	ug/L		
		Fluorene	2009/01/21	<0.05	ug/L		
		Indeno(1,2,3-cd)pyrene	2009/01/21	<0.1	ug/L		
		1-Methylnaphthalene	2009/01/21	<0.05	ug/L		
		2-Methylnaphthalene	2009/01/21	<0.05	ug/L		
RPD		Naphthalene	2009/01/21	<0.05	ug/L		
		Phenanthrene	2009/01/21	<0.05	ug/L		
		Pyrene	2009/01/21	<0.05	ug/L		
		Acenaphthene	2009/01/21	NC	%	40	
		Acenaphthylene	2009/01/21	NC	%	40	
		Anthracene	2009/01/21	NC	%	40	
		Benzo(a)anthracene	2009/01/21	NC	%	40	
		Benzo(a)pyrene	2009/01/21	NC	%	40	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	RPD	Chrysene	2009/01/21	NC		%	40
		Dibenz(a,h)anthracene	2009/01/21	NC		%	40
		Fluoranthene	2009/01/21	NC		%	40
		Fluorene	2009/01/21	NC		%	40
		Indeno(1,2,3-cd)pyrene	2009/01/21	NC		%	40
		1-Methylnaphthalene	2009/01/21	NC		%	40
		2-Methylnaphthalene	2009/01/21	NC		%	40
		Naphthalene	2009/01/21	NC		%	40
		Phenanthrene	2009/01/21	NC		%	40
		Pyrene	2009/01/21	NC		%	40
1724203 GBU	MATRIX SPIKE	Dissolved Antimony (Sb)	2009/01/21	108		%	80 - 120
		Dissolved Arsenic (As)	2009/01/21	107		%	80 - 120
		Dissolved Barium (Ba)	2009/01/21	100		%	80 - 120
		Dissolved Beryllium (Be)	2009/01/21	102		%	80 - 120
		Dissolved Boron (B)	2009/01/21	101		%	80 - 120
		Dissolved Cadmium (Cd)	2009/01/21	104		%	80 - 120
		Dissolved Chromium (Cr)	2009/01/21	96		%	80 - 120
		Dissolved Cobalt (Co)	2009/01/21	95		%	80 - 120
		Dissolved Copper (Cu)	2009/01/21	98		%	80 - 120
		Dissolved Lead (Pb)	2009/01/21	105		%	80 - 120
		Dissolved Molybdenum (Mo)	2009/01/21	106		%	80 - 120
		Dissolved Nickel (Ni)	2009/01/21	98		%	80 - 120
		Dissolved Selenium (Se)	2009/01/21	106		%	80 - 120
		Dissolved Silver (Ag)	2009/01/21	90		%	80 - 120
		Dissolved Sodium (Na)	2009/01/21	NC (2)		%	80 - 120
		Dissolved Thallium (Tl)	2009/01/21	102		%	80 - 120
		Dissolved Vanadium (V)	2009/01/21	96		%	80 - 120
		Dissolved Zinc (Zn)	2009/01/21	102		%	80 - 120
Spiked Blank		Dissolved Antimony (Sb)	2009/01/21	104		%	85 - 115
		Dissolved Arsenic (As)	2009/01/21	102		%	85 - 115
		Dissolved Barium (Ba)	2009/01/21	100		%	85 - 115
		Dissolved Beryllium (Be)	2009/01/21	101		%	85 - 115
		Dissolved Boron (B)	2009/01/21	99		%	85 - 115
		Dissolved Cadmium (Cd)	2009/01/21	101		%	85 - 115
		Dissolved Chromium (Cr)	2009/01/21	95		%	85 - 115
		Dissolved Cobalt (Co)	2009/01/21	96		%	85 - 115
		Dissolved Copper (Cu)	2009/01/21	98		%	85 - 115
		Dissolved Lead (Pb)	2009/01/21	102		%	85 - 115
		Dissolved Molybdenum (Mo)	2009/01/21	102		%	85 - 115
		Dissolved Nickel (Ni)	2009/01/21	102		%	85 - 115
		Dissolved Selenium (Se)	2009/01/21	103		%	85 - 115
		Dissolved Silver (Ag)	2009/01/21	94		%	85 - 115
		Dissolved Sodium (Na)	2009/01/21	98		%	85 - 115
		Dissolved Thallium (Tl)	2009/01/21	97		%	85 - 115
		Dissolved Vanadium (V)	2009/01/21	96		%	85 - 115
		Dissolved Zinc (Zn)	2009/01/21	103		%	85 - 115
Method Blank		Dissolved Antimony (Sb)	2009/01/21	<0.5		ug/L	
		Dissolved Arsenic (As)	2009/01/21	<1		ug/L	
		Dissolved Barium (Ba)	2009/01/21	<5		ug/L	
		Dissolved Beryllium (Be)	2009/01/21	<0.5		ug/L	
		Dissolved Boron (B)	2009/01/21	<10		ug/L	
		Dissolved Cadmium (Cd)	2009/01/21	<0.1		ug/L	
		Dissolved Chromium (Cr)	2009/01/21	<5		ug/L	
		Dissolved Cobalt (Co)	2009/01/21	<0.5		ug/L	
		Dissolved Copper (Cu)	2009/01/21	<1		ug/L	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E, LESLIE ST, AREA B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905937

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724203 GBU	Method Blank	Dissolved Lead (Pb)	2009/01/21	<0.5		ug/L	
		Dissolved Molybdenum (Mo)	2009/01/21	<1		ug/L	
		Dissolved Nickel (Ni)	2009/01/21	<1		ug/L	
		Dissolved Selenium (Se)	2009/01/21	<2		ug/L	
		Dissolved Silver (Ag)	2009/01/21	<0.1		ug/L	
		Dissolved Sodium (Na)	2009/01/21	<100		ug/L	
		Dissolved Thallium (Tl)	2009/01/21	<0.05		ug/L	
		Dissolved Vanadium (V)	2009/01/21	<1		ug/L	
		Dissolved Zinc (Zn)	2009/01/21	<5		ug/L	
		Dissolved Antimony (Sb)	2009/01/21	NC	%		25
		Dissolved Arsenic (As)	2009/01/21	NC	%		25
		Dissolved Barium (Ba)	2009/01/21	1.7	%		25
		Dissolved Beryllium (Be)	2009/01/21	NC	%		25
		Dissolved Boron (B)	2009/01/21	NC	%		25
		Dissolved Cadmium (Cd)	2009/01/21	NC	%		25
		Dissolved Chromium (Cr)	2009/01/21	NC	%		25
		Dissolved Cobalt (Co)	2009/01/21	NC	%		25
		Dissolved Copper (Cu)	2009/01/21	NC	%		25
		Dissolved Lead (Pb)	2009/01/21	NC	%		25
		Dissolved Molybdenum (Mo)	2009/01/21	NC	%		25
		Dissolved Nickel (Ni)	2009/01/21	NC	%		25
		Dissolved Selenium (Se)	2009/01/21	NC	%		25
		Dissolved Silver (Ag)	2009/01/21	NC	%		25
		Dissolved Sodium (Na)	2009/01/21	5.9	%		25
		Dissolved Thallium (Tl)	2009/01/21	NC	%		25
		Dissolved Vanadium (V)	2009/01/21	NC	%		25
		Dissolved Zinc (Zn)	2009/01/21	NC	%		25
1724715 NCI	MATRIX SPIKE	o-Terphenyl	2009/01/22		105	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		75	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		75	%	60 - 130
		Spiked Blank					
		o-Terphenyl	2009/01/22		94	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/22		79	%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/22		79	%	60 - 130
		Method Blank					
1724715 NCI	RPD	o-Terphenyl	2009/01/21		90	%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	<100		ug/L	
		F3 (C16-C34 Hydrocarbons)	2009/01/21	<100		ug/L	
		F4 (C34-C50 Hydrocarbons)	2009/01/21	<100		ug/L	
		Spiked Blank					
		F2 (C10-C16 Hydrocarbons)	2009/01/21	NC	%		50
		F3 (C16-C34 Hydrocarbons)	2009/01/21	NC	%		50
		F4 (C34-C50 Hydrocarbons)	2009/01/21	NC	%		50

NC = Non-calculable

RPD = Relative Percent Difference

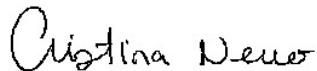
SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

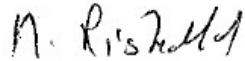
(2) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Validation Signature Page**Maxxam Job #: A905937**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services



MEDHAT RISKALLAH, Manager, Hydrocarbon Department



MAMDOUH SALIB, Analyst, Hydrocarbons



YUAN ZHOU, gc\ms Technician

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

20-Jan-09 07:4

RENATA SZURSKI

CHAIN OF CUSTODY RECORD

Page _____ of _____

INVOICE INFORMATION				PROJECT INFORMATION		MAXXAM JOB NUMBER																					
Company Name:	AquaTerra Solutions Inc.		Company Contact:	A905937 J_L ENV-865		Quotation #:	A65754																				
Contact Name:	Allison McIntosh / Thom Kewen		Contact I:			P.O. #:																					
Address:	100 Sheppard Ave. W. Suite 200 Toronto, ON M3K 2B4		Address:			Project #:	087291																				
Phone:	416-635-5882		Fax:	416-635-5353		Project Name:	Lake Shore Blvd East/est.																				
Email:	amcintosh@aquaterra.ca / tkewen@aquaterra.ca		Email:			Location:	Area B																				
Phone: _____ Fax: _____ Email: _____						Sampled By:	A. McIntosh																				
REGULATORY CRITERIA				ANALYSIS REQUESTED (Please be specific)																							
<p>Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.</p> <table border="0"> <tr> <td><input type="checkbox"/> MISA</td> <td>Reg. 153</td> <td>Sewer Use</td> <td><input type="checkbox"/> Other</td> </tr> <tr> <td><input type="checkbox"/> PWQO</td> <td><input checked="" type="checkbox"/> Table 1</td> <td><input type="checkbox"/> Sanitary</td> <td></td> </tr> <tr> <td></td> <td><input type="checkbox"/> Table 2</td> <td><input type="checkbox"/> Storm</td> <td>specify</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> Table 3</td> <td>Region:</td> <td></td> </tr> <tr> <td colspan="4">Report Criteria on C of A? <input type="checkbox"/></td> </tr> </table>								<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other	<input type="checkbox"/> PWQO	<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary			<input type="checkbox"/> Table 2	<input type="checkbox"/> Storm	specify		<input checked="" type="checkbox"/> Table 3	Region:		Report Criteria on C of A? <input type="checkbox"/>			
<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other																								
<input type="checkbox"/> PWQO	<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Sanitary																									
	<input type="checkbox"/> Table 2	<input type="checkbox"/> Storm	specify																								
	<input checked="" type="checkbox"/> Table 3	Region:																									
Report Criteria on C of A? <input type="checkbox"/>																											
<p>SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.</p>																											
Sample Identification		Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)																					
1	BH605	19 Jun. 09	15:30	GW	N Y	X X																					
2	BH6055	19 Jun. 09	15:35	GW	N Y	X X	X X																				
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
RELINQUISHED BY (Signature/Print)		RECEIVED BY (Signature/Print)		Date	Time	Laboratory Use Only																					
Allison McIntosh		J. Okey from Valera		19 Jun. 09 09/01/09	18:00 7:41	Temperature (°C) on Receipt	Condition of Sample on Receipt																				
						6/6/6	C																				
						<input type="checkbox"/> OK	<input type="checkbox"/> SIF																				

***MANDATORY SECTIONS IN GREY MUST BE FILLED OUT AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.**

Your Project #: 08729A
Site Location: LAKESHORE BLVD E & LESLIE ST, AREAS A&B
Your C.O.C. #: 00464546

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/22

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905946**

Received: 2009/01/20, 07:36

Sample Matrix: Water

Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Volatile Organic Compounds in Water	1	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 9

Maxxam Job #: A905946
 Report Date: 2009/01/22

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5796		
Sampling Date		2009/01/06		
COC Number		00464546		
	Units	TRIP BLANK	RDL	QC Batch

Volatile Organics				
Acetone (2-Propanone)	ug/L	<10	10	1723847
Benzene	ug/L	<0.1	0.1	1723847
Bromodichloromethane	ug/L	<0.1	0.1	1723847
Bromoform	ug/L	<0.2	0.2	1723847
Bromomethane	ug/L	<0.5	0.5	1723847
Carbon Tetrachloride	ug/L	<0.1	0.1	1723847
Chlorobenzene	ug/L	<0.1	0.1	1723847
Chloroform	ug/L	<0.1	0.1	1723847
Dibromochloromethane	ug/L	<0.2	0.2	1723847
1,2-Dichlorobenzene	ug/L	<0.2	0.2	1723847
1,3-Dichlorobenzene	ug/L	<0.2	0.2	1723847
1,4-Dichlorobenzene	ug/L	<0.2	0.2	1723847
1,1-Dichloroethane	ug/L	<0.1	0.1	1723847
1,2-Dichloroethane	ug/L	<0.2	0.2	1723847
1,1-Dichloroethylene	ug/L	<0.1	0.1	1723847
cis-1,2-Dichloroethylene	ug/L	<0.1	0.1	1723847
trans-1,2-Dichloroethylene	ug/L	<0.1	0.1	1723847
1,2-Dichloropropane	ug/L	<0.1	0.1	1723847
cis-1,3-Dichloropropene	ug/L	<0.2	0.2	1723847
trans-1,3-Dichloropropene	ug/L	<0.2	0.2	1723847
Ethylbenzene	ug/L	<0.1	0.1	1723847
Ethylene Dibromide	ug/L	<0.2	0.2	1723847
Methylene Chloride(Dichloromethane)	ug/L	<0.5	0.5	1723847
Methyl Isobutyl Ketone	ug/L	<5	5	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<5	5	1723847
Methyl t-butyl ether (MTBE)	ug/L	<0.2	0.2	1723847
Styrene	ug/L	<0.2	0.2	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.1	0.1	1723847
1,1,2,2-Tetrachloroethane	ug/L	<0.2	0.2	1723847
Tetrachloroethylene	ug/L	<0.1	0.1	1723847
Toluene	ug/L	<0.2	0.2	1723847
1,1,1-Trichloroethane	ug/L	<0.1	0.1	1723847

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A905946
Report Date: 2009/01/22

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5796		
Sampling Date		2009/01/06		
COC Number		00464546		
	Units	TRIP BLANK	RDL	QC Batch
1,1,2-Trichloroethane	ug/L	<0.2	0.2	1723847
Trichloroethylene	ug/L	<0.1	0.1	1723847
Vinyl Chloride	ug/L	<0.2	0.2	1723847
p+m-Xylene	ug/L	<0.1	0.1	1723847
o-Xylene	ug/L	<0.1	0.1	1723847
Xylene (Total)	ug/L	<0.1	0.1	1723847
Surrogate Recovery (%)				
4-Bromofluorobenzene	%	81		1723847
D4-1,2-Dichloroethane	%	113		1723847
D8-Toluene	%	100		1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Maxxam Job #: A905946
Report Date: 2009/01/22

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

Package 1	6.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

Quality Assurance Report
 Maxxam Job Number: MA905946

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
Spiked Blank		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	107	%	60 - 140	
		Benzene	2009/01/21	98	%	70 - 130	
		Bromodichloromethane	2009/01/21	107	%	70 - 130	
		Bromoform	2009/01/21	80	%	70 - 130	
		Bromomethane	2009/01/21	102	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	112	%	70 - 130	
		Chlorobenzene	2009/01/21	91	%	70 - 130	
		Chloroform	2009/01/21	106	%	70 - 130	
		Dibromochloromethane	2009/01/21	93	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	96	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	94	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	91	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905946

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
Method Blank	Method Blank	4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E & LESLIE ST, AREAS A&B

Quality Assurance Report (Continued)

Maxxam Job Number: MA905946

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	Method Blank	2009/01/21	<0.1		ug/L	
		1,1,1,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
RPD		Tetrachloroethylene	2009/01/21	NC		%	40
		Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40

NC = Non-calculable

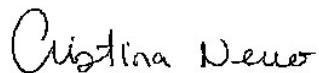
RPD = Relative Percent Difference

SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

Validation Signature Page**Maxxam Job #: A905946**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

20-Jan-09 07:36

CHAIN OF CUSTODY RECORD

Page 1 of 1

INVOICE INFORMATION	
Company Name:	<i>Aqua Terre Solutions Inc.</i>
Contact Name:	<i>Allison McIntosh / Thom Kewen</i>
Address:	<i>110 Stoddard Ave. W. Suite 200 Toronto, ON M3K 2B4</i>
Phone:	<i>416-635-5882</i>
Fax:	<i>416-635-5353</i>
Email:	<i>amcintosh@aguaterre.ca / tkewen@aguaterre.ca</i>

Company Contact Address:	J_L	ENV-865
Phone:		
Fax:		
Email:		



A905946

J_L

ENV-865

PROJECT INFORMATION

MAXXAM JOB NUMBER

 Quotation #: *A65754*

P.O. #:

Project #:

 Project Name: *Lakeshore Blueline test*

 Location: *Areas A+B*

 Sampled By: *A. McIntosh*

CHAIN OF CUSTODY

00464546

REGULATORY CRITERIA

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form.

<input type="checkbox"/> MISA	Reg. 153	Sewer Use	<input type="checkbox"/> Other
<input type="checkbox"/> PWQO	Table 1	Sanitary	
	Table 2	Storm	specify
	Table 3	Region:	
<input type="checkbox"/> Reg. 558	Report Criteria on C of A? <input type="checkbox"/>		

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM.

	Sample Identification	Date Sampled	Time Sampled	Matrix (GW, SW, Soil, etc.)
1	<i>Trip Blnk</i>	<i>Jan. 6/09</i>	<i>Not Given</i>	<i>GW</i>
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

ANALYSIS REQUESTED (Please be specific)

	Regulated Drinking Water? (Y / N)	Metals Field Filtered? (Y / N)	VOCs	# of Cont.	COMMENTS / TAT COMMENTS
1	N	N	X	3	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

RELINQUISHED BY (Signature/Print)

Allison McIntosh

RECEIVED BY (Signature/Print)

Wiley Brown

Date

19 Jan. 09

Time

18:00

Laboratory Use Only

Date

09/01/20

Time

7:36

Temperature (°C) on Receipt

6/6/6 °C

Condition of Sample on Receipt

 OK SIF

*MANDATORY SECTIONS IN GREY MUST BE FILLED OUT. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

Your Project #: 08729A
Site Location: LAKESHORE BLVD E 7 LESLIE, AREA A
Your C.O.C. #: 110550-0

Attention: Allison McIntosh

Aqua Terre Solutions Inc
Toronto - Shell Canada
1100 Sheppard Ave W
Suite 200
Toronto, ON
CANADA M3K 2B4

Report Date: 2009/01/23

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: A905952**

Received: 2009/01/20, 07:36

Sample Matrix: Water

Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Petroleum Hydro. CCME F1 & BTEX in Water	2	2009/01/20	2009/01/21	CAM SOP-00315	CCME CWS
Petroleum Hydrocarbons F2-F4 in Water	2	2009/01/20	2009/01/21	CAM SOP-00316	CCME Hydrocarbons
Dissolved Metals by ICPMS	2	N/A	2009/01/21	CAM SOP-00447	EPA 6020
PAH Compounds in Water by GC/MS (SIM)	2	2009/01/21	2009/01/22	CAM SOP-00318	EPA 8270
pH	2	N/A	2009/01/21	CAM SOP-00448	SM 4500H
Volatile Organic Compounds in Water	1	N/A	2009/01/21	CAM SOP-00226	EPA 8260 modified
Volatile Organic Compounds in Water	1	N/A	2009/01/22	CAM SOP-00226	EPA 8260 modified

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

RENATA SZURSKI, Project Manager
Email: Renata.Szurski@maxxamanalytics.com
Phone# (905) 817-5700 Ext:5818

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Page 1 of 16

Maxxam Job #: A905952
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

RESULTS OF ANALYSES OF WATER

Maxxam ID		BN5816	BN5817		
Sampling Date		2009/01/19 13:00	2009/01/19 14:30		
COC Number		110550-0	110550-0		
	Units	BH602	BH604	RDL	QC Batch

Inorganics					
pH	pH	7.2	7.0		1724208

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: A905952
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		BN5816		BN5817		
Sampling Date		2009/01/19 13:00		2009/01/19 14:30		
COC Number		110550-0		110550-0		
	Units	BH602	RDL	BH604	RDL	QC Batch

Metals						
Dissolved Antimony (Sb)	ug/L	0.7	0.5	1.5	0.5	1724203
Dissolved Arsenic (As)	ug/L	32	1	4	1	1724203
Dissolved Barium (Ba)	ug/L	230	5	160	5	1724203
Dissolved Beryllium (Be)	ug/L	<0.5	0.5	<0.5	0.5	1724203
Dissolved Boron (B)	ug/L	2600	10	1300	10	1724203
Dissolved Cadmium (Cd)	ug/L	<0.1	0.1	<0.1	0.1	1724203
Dissolved Chromium (Cr)	ug/L	56	5	<5	5	1724203
Dissolved Cobalt (Co)	ug/L	1.5	0.5	<0.5	0.5	1724203
Dissolved Copper (Cu)	ug/L	<1	1	<1	1	1724203
Dissolved Lead (Pb)	ug/L	<0.5	0.5	<0.5	0.5	1724203
Dissolved Molybdenum (Mo)	ug/L	<1	1	<1	1	1724203
Dissolved Nickel (Ni)	ug/L	<5 (1)	5	<1	1	1724203
Dissolved Selenium (Se)	ug/L	<2	2	<2	2	1724203
Dissolved Silver (Ag)	ug/L	<0.1	0.1	<0.1	0.1	1724203
Dissolved Sodium (Na)	ug/L	710000	1000	120000	100	1724203
Dissolved Thallium (Tl)	ug/L	<0.05	0.05	<0.05	0.05	1724203
Dissolved Vanadium (V)	ug/L	6	1	2	1	1724203
Dissolved Zinc (Zn)	ug/L	<5	5	<5	5	1724203

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Detection Limit was raised due to matrix interferences.

Maxxam Job #: A905952
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BN5816	BN5817		
Sampling Date		2009/01/19 13:00	2009/01/19 14:30		
COC Number		110550-0	110550-0		
	Units	BH602	BH604	RDL	QC Batch

Polyaromatic Hydrocarbons					
Acenaphthene	ug/L	0.08	0.30	0.05	1724098
Acenaphthylene	ug/L	<0.05	<0.05	0.05	1724098
Anthracene	ug/L	<0.05	<0.05	0.05	1724098
Benzo(a)anthracene	ug/L	0.17	<0.05	0.05	1724098
Benzo(a)pyrene	ug/L	0.04	<0.01	0.01	1724098
Benzo(b/j)fluoranthene	ug/L	<0.05	<0.05	0.05	1724098
Benzo(g,h,i)perylene	ug/L	<0.1	<0.1	0.1	1724098
Benzo(k)fluoranthene	ug/L	<0.05	<0.05	0.05	1724098
Chrysene	ug/L	0.13	<0.05	0.05	1724098
Dibenz(a,h)anthracene	ug/L	<0.1	<0.1	0.1	1724098
Fluoranthene	ug/L	0.16	<0.05	0.05	1724098
Fluorene	ug/L	0.12	0.22	0.05	1724098
Indeno(1,2,3-cd)pyrene	ug/L	<0.1	<0.1	0.1	1724098
1-Methylnaphthalene	ug/L	1.0	1.4	0.05	1724098
2-Methylnaphthalene	ug/L	0.09	0.34	0.05	1724098
Naphthalene	ug/L	1.5	0.11	0.05	1724098
Phenanthrene	ug/L	0.11	0.07	0.05	1724098
Pyrene	ug/L	0.13	<0.05	0.05	1724098
Surrogate Recovery (%)					
D10-Anthracene	%	73	73		1724098
D14-Terphenyl (FS)	%	91	84		1724098
D7-Quinoline	%	89	72		1724098
D8-Acenaphthylene	%	83	69		1724098

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Maxxam Job #: A905952
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5816		BN5817		
Sampling Date		2009/01/19 13:00		2009/01/19 14:30		
COC Number		110550-0		110550-0		
	Units	BH602	RDL	BH604	RDL	QC Batch

Volatile Organics						
Acetone (2-Propanone)	ug/L	<50	50	<30	30	1723847
Benzene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Bromodichloromethane	ug/L	<0.5	0.5	<0.3	0.3	1723847
Bromoform	ug/L	<1	1	<0.5	0.5	1723847
Bromomethane	ug/L	<3	3	<1	1	1723847
Carbon Tetrachloride	ug/L	<0.5	0.5	<0.3	0.3	1723847
Chlorobenzene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Chloroform	ug/L	<0.5	0.5	<0.3	0.3	1723847
Dibromochloromethane	ug/L	<1	1	<0.5	0.5	1723847
1,2-Dichlorobenzene	ug/L	<1	1	<0.5	0.5	1723847
1,3-Dichlorobenzene	ug/L	<1	1	<0.5	0.5	1723847
1,4-Dichlorobenzene	ug/L	<1	1	<0.5	0.5	1723847
1,1-Dichloroethane	ug/L	<0.5	0.5	<0.3	0.3	1723847
1,2-Dichloroethane	ug/L	<1	1	<0.5	0.5	1723847
1,1-Dichloroethylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
cis-1,2-Dichloroethylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
trans-1,2-Dichloroethylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
1,2-Dichloropropane	ug/L	<0.5	0.5	<0.3	0.3	1723847
cis-1,3-Dichloropropene	ug/L	<1	1	<0.5	0.5	1723847
trans-1,3-Dichloropropene	ug/L	<1	1	<0.5	0.5	1723847
Ethylbenzene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Ethylene Dibromide	ug/L	<1	1	<0.5	0.5	1723847
Methylene Chloride(Dichloromethane)	ug/L	<3	3	<1	1	1723847
Methyl Isobutyl Ketone	ug/L	<30	30	<10	10	1723847
Methyl Ethyl Ketone (2-Butanone)	ug/L	<30	30	<10	10	1723847
Methyl t-butyl ether (MTBE)	ug/L	<1	1	<0.5	0.5	1723847
Styrene	ug/L	<1	1	<0.5	0.5	1723847
1,1,1,2-Tetrachloroethane	ug/L	<0.5	0.5	<0.3	0.3	1723847
1,1,2,2-Tetrachloroethane	ug/L	<1	1	<0.5	0.5	1723847
Tetrachloroethylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Toluene	ug/L	<1	1	<0.5	0.5	1723847
1,1,1-Trichloroethane	ug/L	<0.5	0.5	<0.3	0.3	1723847

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A905952
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

VOLATILE ORGANICS BY GC/MS (WATER)

Maxxam ID		BN5816		BN5817		
Sampling Date		2009/01/19 13:00		2009/01/19 14:30		
COC Number		110550-0		110550-0		
	Units	BH602	RDL	BH604	RDL	QC Batch
1,1,2-Trichloroethane	ug/L	<1	1	<0.5	0.5	1723847
Trichloroethylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Vinyl Chloride	ug/L	<1	1	<0.5	0.5	1723847
p+m-Xylene	ug/L	11	0.5	<0.3	0.3	1723847
o-Xylene	ug/L	<0.5	0.5	<0.3	0.3	1723847
Xylene (Total)	ug/L	11	0.5	<0.3	0.3	1723847
Surrogate Recovery (%)						
4-Bromofluorobenzene	%	83		84		1723847
D4-1,2-Dichloroethane	%	114		111		1723847
D8-Toluene	%	96		99		1723847
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Maxxam Job #: A905952
 Report Date: 2009/01/23

Aqua Terre Solutions Inc
 Client Project #: 08729A
 Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		BN5816	BN5817		
Sampling Date		2009/01/19 13:00	2009/01/19 14:30		
COC Number		110550-0	110550-0		
	Units	BH602	BH604	RDL	QC Batch

BTEX & F1 Hydrocarbons					
F1 (C6-C10)	ug/L	<100	<100	100	1724060
F1 (C6-C10) - BTEX	ug/L	<100	<100	100	1724060
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/L	450	1000	100	1724038
F3 (C16-C34 Hydrocarbons)	ug/L	5800	780	100	1724038
F4 (C34-C50 Hydrocarbons)	ug/L	130	<100	100	1724038
Reached Baseline at C50	ug/L	Yes	Yes		1724038
F1 + F2	ug/L	450	1000	100	1724038
F3 + F4	ug/L	5900	780	100	1724038
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	100	99		1724060
4-Bromofluorobenzene	%	100	95		1724060
D10-Ethylbenzene	%	92	93		1724060
D4-1,2-Dichloroethane	%	91	90		1724060
o-Terphenyl	%	128	123		1724038
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					

Maxxam Job #: A905952
Report Date: 2009/01/23

Aqua Terre Solutions Inc
Client Project #: 08729A
Project name: LAKESHORE BLVD E 7 LESLIE, AREA A

Package 1	6.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

F1-BTEX Analysis: The BTEX results used for the F1-BTEX calculation were obtained from Headspace-GC analysis.

Sample BN5816-01: VOC Analysis: Due to a level of petroleum hydrocarbon compounds beyond the appropriate range, the sample required dilution. The detection limits were adjusted accordingly.

Sample BN5817-01: VOC Analysis: Due to foaming, sample required dilution. The detection limits were adjusted accordingly.

Results relate only to the items tested.

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E 7 LESLIE, AREA A

Quality Assurance Report
 Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA MATRIX SPIKE	4-Bromofluorobenzene	2009/01/21	86	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	108	%	70 - 130	
		D8-Toluene	2009/01/21	101	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	91	%	60 - 140	
		Benzene	2009/01/21	84	%	70 - 130	
		Bromodichloromethane	2009/01/21	88	%	70 - 130	
		Bromoform	2009/01/21	65 (1)	%	70 - 130	
		Bromomethane	2009/01/21	91	%	60 - 140	
		Carbon Tetrachloride	2009/01/21	97	%	70 - 130	
		Chlorobenzene	2009/01/21	79	%	70 - 130	
		Chloroform	2009/01/21	90	%	70 - 130	
		Dibromochloromethane	2009/01/21	76	%	70 - 130	
		1,2-Dichlorobenzene	2009/01/21	83	%	70 - 130	
		1,3-Dichlorobenzene	2009/01/21	84	%	70 - 130	
		1,4-Dichlorobenzene	2009/01/21	82	%	70 - 130	
		1,1-Dichloroethane	2009/01/21	97	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	91	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	105	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	88	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	93	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	84	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	85	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		Ethylbenzene	2009/01/21	86	%	70 - 130	
		Ethylene Dibromide	2009/01/21	84	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	82	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	86	%	60 - 140	
Spiked Blank		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	83	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	76	%	70 - 130	
		Styrene	2009/01/21	87	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	80	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	81	%	70 - 130	
		Tetrachloroethylene	2009/01/21	82	%	70 - 130	
		Toluene	2009/01/21	83	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	92	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	80	%	70 - 130	
		Trichloroethylene	2009/01/21	84	%	70 - 130	
		Vinyl Chloride	2009/01/21	91	%	70 - 130	
		p+m-Xylene	2009/01/21	88	%	70 - 130	
		o-Xylene	2009/01/21	89	%	70 - 130	
		4-Bromofluorobenzene	2009/01/21	88	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		D8-Toluene	2009/01/21	98	%	70 - 130	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E 7 LESLIE, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847 PCA	Spiked Blank	1,1-Dichloroethane	2009/01/21	114	%	70 - 130	
		1,2-Dichloroethane	2009/01/21	110	%	70 - 130	
		1,1-Dichloroethylene	2009/01/21	120	%	70 - 130	
		cis-1,2-Dichloroethylene	2009/01/21	104	%	70 - 130	
		trans-1,2-Dichloroethylene	2009/01/21	106	%	70 - 130	
		1,2-Dichloropropane	2009/01/21	102	%	70 - 130	
		cis-1,3-Dichloropropene	2009/01/21	94	%	70 - 130	
		trans-1,3-Dichloropropene	2009/01/21	105	%	70 - 130	
		Ethylbenzene	2009/01/21	98	%	70 - 130	
		Ethylene Dibromide	2009/01/21	102	%	70 - 130	
		Methylene Chloride(Dichloromethane)	2009/01/21	98	%	70 - 130	
		Methyl Isobutyl Ketone	2009/01/21	107	%	60 - 140	
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	103	%	60 - 140	
		Methyl t-butyl ether (MTBE)	2009/01/21	95	%	70 - 130	
		Styrene	2009/01/21	103	%	70 - 130	
		1,1,1,2-Tetrachloroethane	2009/01/21	96	%	70 - 130	
		1,1,2,2-Tetrachloroethane	2009/01/21	97	%	70 - 130	
		Tetrachloroethylene	2009/01/21	86	%	70 - 130	
		Toluene	2009/01/21	95	%	70 - 130	
		1,1,1-Trichloroethane	2009/01/21	107	%	70 - 130	
		1,1,2-Trichloroethane	2009/01/21	97	%	70 - 130	
		Trichloroethylene	2009/01/21	96	%	70 - 130	
		Vinyl Chloride	2009/01/21	102	%	70 - 130	
		p+m-Xylene	2009/01/21	99	%	70 - 130	
		o-Xylene	2009/01/21	103	%	70 - 130	
Method Blank	Method Blank	4-Bromofluorobenzene	2009/01/21	82	%	70 - 130	
		D4-1,2-Dichloroethane	2009/01/21	114	%	70 - 130	
		D8-Toluene	2009/01/21	99	%	70 - 130	
		Acetone (2-Propanone)	2009/01/21	<10	ug/L		
		Benzene	2009/01/21	<0.1	ug/L		
		Bromodichloromethane	2009/01/21	<0.1	ug/L		
		Bromoform	2009/01/21	<0.2	ug/L		
		Bromomethane	2009/01/21	<0.5	ug/L		
		Carbon Tetrachloride	2009/01/21	<0.1	ug/L		
		Chlorobenzene	2009/01/21	<0.1	ug/L		
		Chloroform	2009/01/21	<0.1	ug/L		
		Dibromochloromethane	2009/01/21	<0.2	ug/L		
		1,2-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,3-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,4-Dichlorobenzene	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethane	2009/01/21	<0.1	ug/L		
		1,2-Dichloroethane	2009/01/21	<0.2	ug/L		
		1,1-Dichloroethylene	2009/01/21	<0.1	ug/L		
		cis-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		trans-1,2-Dichloroethylene	2009/01/21	<0.1	ug/L		
		1,2-Dichloropropane	2009/01/21	<0.1	ug/L		
		cis-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		trans-1,3-Dichloropropene	2009/01/21	<0.2	ug/L		
		Ethylbenzene	2009/01/21	<0.1	ug/L		
		Ethylene Dibromide	2009/01/21	<0.2	ug/L		
		Methylene Chloride(Dichloromethane)	2009/01/21	<0.5	ug/L		
		Methyl Isobutyl Ketone	2009/01/21	<5	ug/L		
		Methyl Ethyl Ketone (2-Butanone)	2009/01/21	<5	ug/L		
		Methyl t-butyl ether (MTBE)	2009/01/21	<0.2	ug/L		
		Styrene	2009/01/21	<0.2	ug/L		

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
 P.O. #:
 Site Location: LAKESHORE BLVD E 7 LESLIE, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1723847	PCA	1,1,1,2-Tetrachloroethane	2009/01/21	<0.1		ug/L	
		1,1,2,2-Tetrachloroethane	2009/01/21	<0.2		ug/L	
		Tetrachloroethylene	2009/01/21	<0.1		ug/L	
		Toluene	2009/01/21	<0.2		ug/L	
		1,1,1-Trichloroethane	2009/01/21	<0.1		ug/L	
		1,1,2-Trichloroethane	2009/01/21	<0.2		ug/L	
		Trichloroethylene	2009/01/21	<0.1		ug/L	
		Vinyl Chloride	2009/01/21	<0.2		ug/L	
		p+m-Xylene	2009/01/21	<0.1		ug/L	
		o-Xylene	2009/01/21	<0.1		ug/L	
		Xylene (Total)	2009/01/21	<0.1		ug/L	
		Benzene	2009/01/21	NC		%	40
		Ethylbenzene	2009/01/21	NC		%	40
		Tetrachloroethylene	2009/01/21	NC		%	40
1724038	NCI	Toluene	2009/01/21	NC		%	40
		p+m-Xylene	2009/01/21	NC		%	40
		o-Xylene	2009/01/21	NC		%	40
		Xylene (Total)	2009/01/21	NC		%	40
		o-Terphenyl	2009/01/21	124		%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	110		%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/21	110		%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/21	110		%	60 - 130
		Spiked Blank					
		o-Terphenyl	2009/01/21	100		%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/21	85		%	60 - 130
		F3 (C16-C34 Hydrocarbons)	2009/01/21	85		%	60 - 130
		F4 (C34-C50 Hydrocarbons)	2009/01/21	85		%	60 - 130
		Method Blank					
1724060	DTI	o-Terphenyl	2009/01/20	124		%	30 - 130
		F2 (C10-C16 Hydrocarbons)	2009/01/20	<100		ug/L	
		F3 (C16-C34 Hydrocarbons)	2009/01/20	<100		ug/L	
		F4 (C34-C50 Hydrocarbons)	2009/01/20	<100		ug/L	
		Spiked Blank					
		F2 (C10-C16 Hydrocarbons)	2009/01/21	NC		%	50
		F3 (C16-C34 Hydrocarbons)	2009/01/21	NC		%	50
		F4 (C34-C50 Hydrocarbons)	2009/01/21	NC		%	50
		Method Blank					
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	94		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
1724098	JJ1	F1 (C6-C10)	2009/01/20	86		%	70 - 130
		Spiked Blank					
		1,4-Difluorobenzene	2009/01/20	103		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	99		%	70 - 130
		D10-Ethylbenzene	2009/01/20	99		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	91		%	70 - 130
		F1 (C6-C10)	2009/01/20	88		%	70 - 130
		Method Blank					
		1,4-Difluorobenzene	2009/01/20	99		%	70 - 130
		4-Bromofluorobenzene	2009/01/20	97		%	70 - 130
		D10-Ethylbenzene	2009/01/20	87		%	70 - 130
		D4-1,2-Dichloroethane	2009/01/20	90		%	70 - 130
		F1 (C6-C10)	2009/01/20	<100		ug/L	
		F1 (C6-C10) - BTEX	2009/01/20	<100		ug/L	
1724098	JJ1	F1 (C6-C10)	2009/01/20	NC		%	40
		F1 (C6-C10) - BTEX	2009/01/20	NC		%	40
		D10-Anthracene	2009/01/21	73		%	30 - 130
		D14-Terphenyl (FS)	2009/01/21	87		%	30 - 130
		D7-Quinoline	2009/01/21	89		%	30 - 130
		D8-Acenaphthylene	2009/01/21	83		%	30 - 130

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
 Client Project #: 08729A
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 Site Location: LAKESHORE BLVD E 7 LESLIE, AREA A

Quality Assurance Report (Continued)

Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	MATRIX SPIKE	Acenaphthene	2009/01/21	85	%	30 - 130	
		Acenaphthylene	2009/01/21	81	%	30 - 130	
		Anthracene	2009/01/21	80	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	107	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	101	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	96	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	93	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	75	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	72	%	30 - 130	
		Naphthalene	2009/01/21	68	%	30 - 130	
		Phenanthrene	2009/01/21	86	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
Spiked Blank		D10-Anthracene	2009/01/21	75	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	95	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	88	%	30 - 130	
		Acenaphthene	2009/01/21	91	%	30 - 130	
		Acenaphthylene	2009/01/21	88	%	30 - 130	
		Anthracene	2009/01/21	82	%	30 - 130	
		Benzo(a)anthracene	2009/01/21	108	%	30 - 130	
		Benzo(a)pyrene	2009/01/21	103	%	30 - 130	
		Benzo(b/j)fluoranthene	2009/01/21	98	%	30 - 130	
		Benzo(g,h,i)perylene	2009/01/21	98	%	30 - 130	
		Benzo(k)fluoranthene	2009/01/21	104	%	30 - 130	
		Chrysene	2009/01/21	110	%	30 - 130	
		Dibenz(a,h)anthracene	2009/01/21	107	%	30 - 130	
		Fluoranthene	2009/01/21	94	%	30 - 130	
		Fluorene	2009/01/21	97	%	30 - 130	
		Indeno(1,2,3-cd)pyrene	2009/01/21	105	%	30 - 130	
		1-Methylnaphthalene	2009/01/21	82	%	30 - 130	
		2-Methylnaphthalene	2009/01/21	80	%	30 - 130	
		Naphthalene	2009/01/21	76	%	30 - 130	
		Phenanthrene	2009/01/21	88	%	30 - 130	
		Pyrene	2009/01/21	92	%	30 - 130	
Method Blank		D10-Anthracene	2009/01/21	73	%	30 - 130	
		D14-Terphenyl (FS)	2009/01/21	87	%	30 - 130	
		D7-Quinoline	2009/01/21	98	%	30 - 130	
		D8-Acenaphthylene	2009/01/21	82	%	30 - 130	
		Acenaphthene	2009/01/21	<0.05		ug/L	
		Acenaphthylene	2009/01/21	<0.05		ug/L	
		Anthracene	2009/01/21	<0.05		ug/L	
		Benzo(a)anthracene	2009/01/21	<0.05		ug/L	
		Benzo(a)pyrene	2009/01/21	<0.01		ug/L	
		Benzo(b/j)fluoranthene	2009/01/21	<0.05		ug/L	
		Benzo(g,h,i)perylene	2009/01/21	<0.1		ug/L	
		Benzo(k)fluoranthene	2009/01/21	<0.05		ug/L	
		Chrysene	2009/01/21	<0.05		ug/L	
		Dibenz(a,h)anthracene	2009/01/21	<0.1		ug/L	
		Fluoranthene	2009/01/21	<0.05		ug/L	

Aqua Terre Solutions Inc
 Attention: Allison McIntosh
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Quality Assurance Report (Continued)

Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1724098 JJI	Method Blank	Fluorene	2009/01/21	<0.05		ug/L	
		Indeno(1,2,3-cd)pyrene	2009/01/21	<0.1		ug/L	
		1-Methylnaphthalene	2009/01/21	<0.05		ug/L	
		2-Methylnaphthalene	2009/01/21	<0.05		ug/L	
		Naphthalene	2009/01/21	<0.05		ug/L	
		Phenanthrene	2009/01/21	<0.05		ug/L	
		Pyrene	2009/01/21	<0.05		ug/L	
		Acenaphthene	2009/01/21	NC		%	40
	RPD	Acenaphthylene	2009/01/21	NC		%	40
		Anthracene	2009/01/21	NC		%	40
		Benzo(a)anthracene	2009/01/21	NC		%	40
		Benzo(a)pyrene	2009/01/21	NC		%	40
		Benzo(b/j)fluoranthene	2009/01/21	NC		%	40
		Benzo(g,h,i)perylene	2009/01/21	NC		%	40
		Benzo(k)fluoranthene	2009/01/21	NC		%	40
		Chrysene	2009/01/21	NC		%	40
		Dibenz(a,h)anthracene	2009/01/21	NC		%	40
		Fluoranthene	2009/01/21	NC		%	40
		Fluorene	2009/01/21	NC		%	40
		Indeno(1,2,3-cd)pyrene	2009/01/21	NC		%	40
		1-Methylnaphthalene	2009/01/21	NC		%	40
		2-Methylnaphthalene	2009/01/21	NC		%	40
		Naphthalene	2009/01/21	NC		%	40
		Phenanthrene	2009/01/21	NC		%	40
		Pyrene	2009/01/21	NC		%	40
1724203 GBU	MATRIX SPIKE	Dissolved Antimony (Sb)	2009/01/21	108	%	80 - 120	
		Dissolved Arsenic (As)	2009/01/21	107	%	80 - 120	
		Dissolved Barium (Ba)	2009/01/21	100	%	80 - 120	
		Dissolved Beryllium (Be)	2009/01/21	102	%	80 - 120	
		Dissolved Boron (B)	2009/01/21	101	%	80 - 120	
		Dissolved Cadmium (Cd)	2009/01/21	104	%	80 - 120	
		Dissolved Chromium (Cr)	2009/01/21	96	%	80 - 120	
		Dissolved Cobalt (Co)	2009/01/21	95	%	80 - 120	
		Dissolved Copper (Cu)	2009/01/21	98	%	80 - 120	
		Dissolved Lead (Pb)	2009/01/21	105	%	80 - 120	
		Dissolved Molybdenum (Mo)	2009/01/21	106	%	80 - 120	
		Dissolved Nickel (Ni)	2009/01/21	98	%	80 - 120	
		Dissolved Selenium (Se)	2009/01/21	106	%	80 - 120	
		Dissolved Silver (Ag)	2009/01/21	90	%	80 - 120	
		Dissolved Sodium (Na)	2009/01/21	NC (2)	%	80 - 120	
		Dissolved Thallium (Tl)	2009/01/21	102	%	80 - 120	
		Dissolved Vanadium (V)	2009/01/21	96	%	80 - 120	
		Dissolved Zinc (Zn)	2009/01/21	102	%	80 - 120	
	Spiked Blank	Dissolved Antimony (Sb)	2009/01/21	104	%	85 - 115	
		Dissolved Arsenic (As)	2009/01/21	102	%	85 - 115	
		Dissolved Barium (Ba)	2009/01/21	100	%	85 - 115	
		Dissolved Beryllium (Be)	2009/01/21	101	%	85 - 115	
		Dissolved Boron (B)	2009/01/21	99	%	85 - 115	
		Dissolved Cadmium (Cd)	2009/01/21	101	%	85 - 115	
		Dissolved Chromium (Cr)	2009/01/21	95	%	85 - 115	
		Dissolved Cobalt (Co)	2009/01/21	96	%	85 - 115	
		Dissolved Copper (Cu)	2009/01/21	98	%	85 - 115	
		Dissolved Lead (Pb)	2009/01/21	102	%	85 - 115	
		Dissolved Molybdenum (Mo)	2009/01/21	102	%	85 - 115	
		Dissolved Nickel (Ni)	2009/01/21	102	%	85 - 115	

Aqua Terre Solutions Inc
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Quality Assurance Report (Continued)

Maxxam Job Number: MA905952

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits	
1724203 GBU	Spiked Blank	Dissolved Selenium (Se)	2009/01/21	103	%	85 - 115		
		Dissolved Silver (Ag)	2009/01/21	94	%	85 - 115		
		Dissolved Sodium (Na)	2009/01/21	98	%	85 - 115		
		Dissolved Thallium (Tl)	2009/01/21	97	%	85 - 115		
		Dissolved Vanadium (V)	2009/01/21	96	%	85 - 115		
		Dissolved Zinc (Zn)	2009/01/21	103	%	85 - 115		
	Method Blank	Dissolved Antimony (Sb)	2009/01/21	<0.5		ug/L		
		Dissolved Arsenic (As)	2009/01/21	<1		ug/L		
		Dissolved Barium (Ba)	2009/01/21	<5		ug/L		
		Dissolved Beryllium (Be)	2009/01/21	<0.5		ug/L		
		Dissolved Boron (B)	2009/01/21	<10		ug/L		
		Dissolved Cadmium (Cd)	2009/01/21	<0.1		ug/L		
		Dissolved Chromium (Cr)	2009/01/21	<5		ug/L		
		Dissolved Cobalt (Co)	2009/01/21	<0.5		ug/L		
		Dissolved Copper (Cu)	2009/01/21	<1		ug/L		
		Dissolved Lead (Pb)	2009/01/21	<0.5		ug/L		
		Dissolved Molybdenum (Mo)	2009/01/21	<1		ug/L		
		Dissolved Nickel (Ni)	2009/01/21	<1		ug/L		
		Dissolved Selenium (Se)	2009/01/21	<2		ug/L		
RPD		Dissolved Silver (Ag)	2009/01/21	<0.1		ug/L		
		Dissolved Sodium (Na)	2009/01/21	<100		ug/L		
		Dissolved Thallium (Tl)	2009/01/21	<0.05		ug/L		
		Dissolved Vanadium (V)	2009/01/21	<1		ug/L		
		Dissolved Zinc (Zn)	2009/01/21	<5		ug/L		
		Dissolved Antimony (Sb)	2009/01/21	NC	%	25		
		Dissolved Arsenic (As)	2009/01/21	NC	%	25		
		Dissolved Barium (Ba)	2009/01/21	1.7	%	25		
		Dissolved Beryllium (Be)	2009/01/21	NC	%	25		
		Dissolved Boron (B)	2009/01/21	NC	%	25		
		Dissolved Cadmium (Cd)	2009/01/21	NC	%	25		
		Dissolved Chromium (Cr)	2009/01/21	NC	%	25		
		Dissolved Cobalt (Co)	2009/01/21	NC	%	25		
		Dissolved Copper (Cu)	2009/01/21	NC	%	25		
		Dissolved Lead (Pb)	2009/01/21	NC	%	25		
		Dissolved Molybdenum (Mo)	2009/01/21	NC	%	25		
		Dissolved Nickel (Ni)	2009/01/21	NC	%	25		
		Dissolved Selenium (Se)	2009/01/21	NC	%	25		
		Dissolved Silver (Ag)	2009/01/21	NC	%	25		
		Dissolved Sodium (Na)	2009/01/21	5.9	%	25		
		Dissolved Thallium (Tl)	2009/01/21	NC	%	25		
		Dissolved Vanadium (V)	2009/01/21	NC	%	25		
		Dissolved Zinc (Zn)	2009/01/21	NC	%	25		

NC = Non-calculable

RPD = Relative Percent Difference

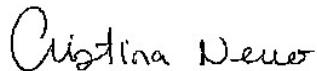
SPIKE = Fortified sample

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

(2) The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Validation Signature Page**Maxxam Job #: A905952**

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



CRISTINA NERVO, Scientific Services



MEDHAT RISKALLAH, Manager, Hydrocarbon Department



MAMDOUH SALIB, Analyst, Hydrocarbons



YUAN ZHOU, gc\ms Technician

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

