



**SCOPED PHASE II
ENVIRONMENTAL SITE ASSESSMENT
20421 113 AVENUE NW
EDMONTON
ALBERTA**

Project Number: 2189

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Version 1

Version	Date drafted	Drafted by
1	01/05/2024	Jason Anderson
Version	Date reviewed	Reviewed by
1	07/05/2024	Jason Anderson
Approved by		Date
Jason Anderson (Director)		07/05/2024

Executive Summary

Introduction

Anderson Environmental was originally engaged to conduct a Phase I ESA at 20421 113 Avenue, NW Edmonton. This led to a Phase II ESA recommendation due to the use of the site for many years as a storage yard with aerial photos indicating storage of various vehicles and equipment since at least 2004.

This limited Phase II ESA was completed in general accordance with the CSA document *Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000) and Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)*.

Methodology

The subject property was examined on the 16th April 2024. The drilling and sampling was undertaken by Jason Anderson (P.Ag). The work attempted to get a reasonably even spread of boreholes across the site with 1 of the 8 boreholes being drilled to be a groundwater monitoring well. Drilling was undertaken by Anderson Environmental Inc using solid flight augers. All boreholes were drilled to 5 feet in depth except the monitoring well which was drilled to 25 feet. Soil samples were taken from 0.0 – 0.5m below ground level due to the type of site and the potential risks of near surface contamination from its previous use as a storage yard for vehicles and other equipment.

The soil was inspected at regular intervals for any staining or foreign materials.

Samples were submitted to Kaizen Laboratories for analysis for Alberta Tier 1 Metals and BTEX (F1-F4) along with grain size. All samples were collected using laboratory supplied sampling jars, and coolers with ice supplied by Kaizen laboratories. Standard decontamination procedures were undertaken between the collection of each sample.

Results

The analysis indicated that the analytes tested were in excess of the (Fine) *Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)* as below;

- S3 **Benzene 0.055mg/kg** (limit 0.046mg/kg), **Ethylbenzene 0.088mg/kg** (limit 0.073mg/kg);
- S5 **Total Xylenes 2.56mg/kg** (limit 0.99mg/kg), **F2 (C10-C16) 4920mg/kg** (limit 260mg/kg), **F3 (C16-C34) 36000mg/kg** (limit 2500mg/kg), **F4 (C34-C50) 99400mg/kg** (Limit 6600mg/kg);
- S8 **Toluene 0.523mg/kg** (limit 0.52mg/kg), **Ethylbenzene 0.110mg/kg** (limit 0.073mg/kg).

The groundwater monitoring well was drilled to 25 feet however despite moist soil no groundwater recharged into the well. As such a groundwater sample could not be obtained.

Conclusion and recommendations

This scoped Phase II ESA conducted in accordance with the *Canadian Standards Association (CSA) Standard Z768-01:2003* (reaffirmed 2012) and *Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000)* and *Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)* **did detect** levels of contamination in exceedance of the Tier 1 guidelines. Additional delineation laterally and vertically will be required to determine the full extent and to guide the remediation of the site.

These results indicate contamination of the site at these locations by hydrocarbons potentially from spillage of oil and gasoline/diesel. Based on the staining on the surface which is present in some locations this is the most likely hypothesis. The soils were clayish material with the clay becoming more plastic with depth. The clay would likely form a confining layer to the movement of hydrocarbons and no staining was encountered in any of the boreholes beyond approximately 0.5m bgl. Soil samples were taken as a composite sample of material from 0.0-0.5m bgl.

The site will require further delineation and removal of the contaminated material. This would be best undertaken with an excavator with confirmation sampling to ensure all the material has been removed. Visual staining is present however it is recommended that an excavator be used to dig trenches in a grid fashion to determine any further contamination for removal. Validation sampling to ensure removal and landfill classification laboratory testing would be required. It is likely that any contaminated material from hydrocarbons is only to a depth of approximately 0.5 metres.

Certification

I certify that this report has been undertaken according to CSA Z768-01 (2012), Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000) and Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 10, 2019) and that report was undertaken without bias and the findings would be the same regardless of the client or their objectives and is an entirely independent report based solely on the site conditions and background information available at the time of the assessment.

Yours Sincerely



Jason Anderson P.Ag #11938
(B.App.Sc – 1992 - University of New England)
AESAC National Certification Program (RESA 17260)
7th May 2024



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1 Introduction

1.1 Background

Anderson Environmental was originally engaged to conduct a Phase 1 ESA at 20421 113 Avenue, NW Edmonton. This led to a Phase II ESA recommendation due to the use of the site for many years as a storage yard with aerial photos indicating storage of various vehicles and equipment since at least 2004.

This limited Phase II ESA was completed in general accordance with the CSA document *Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000) and Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)*.

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1.2 Aim of the Phase I Environmental Site Assessment

The aim of this investigation was to determine if evidence of actual or potential environmental concerns exist which could impact on the subject property. The Phase II ESA was undertaken as a result of the potential risks found in the Phase 1 ESA.

1.3 Standards and Methods

The subject property was examined on the 16th April 2024. The drilling and sampling was undertaken by Jason Anderson (P.Ag). The work attempted to get a reasonably even spread of boreholes across the site with 1 of the 8 boreholes being drilled to be a groundwater monitoring well. Drilling was undertaken by Anderson Environmental Inc using solid flight augers. All boreholes were drilled to 5 feet in depth except the monitoring well which was drilled to 25 feet. Soil samples were taken from 0.0 – 0.5m below ground level due to the type of site and the potential risks of near surface contamination from its previous use as a storage yard for vehicles and other equipment.

The soil was inspected at regular intervals for any staining or foreign materials.

Samples were submitted to Kaizen Laboratories for analysis for Alberta Tier 1 Metals and BTEX (F1-F4) along with grain size. All samples were collected using laboratory supplied sampling jars, and coolers with ice supplied by Kaizen laboratories. Standard decontamination procedures were undertaken between the collection of each sample.

The soils were sandy from approximately 0.0-0.3m bgl grading to clay then heavy clays.

1.4 Scope of Work

The scope of work for this limited Phase II ESA was developed in accordance with established industry practices and the Canadian Standards Association (CSA) Standard Z768-01:2003

(reaffirmed 2012), CSA document *Phase II Environmental Site Assessment Z769-00 (R2018)* (CSA, 2000) and *Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)*. The work included the following (where available and/or reasonably available or valuable to the assessment):

- Visual reconnaissance of the subject property and the surrounding area;
- Interviews with available individuals with knowledge of the subject property;
- Documentation of the history of property development;
- Review of available historical records, including city directories, aerial photographs, historical maps, and Fire Insurance Plans (FIPs) for the subject property (where readily available and/or considered valuable to the assessment);
- Review of available municipal, provincial and federal records to identify documented environmental conditions associated with the subject property;
- Review of topographic, soil, geological and land use maps as considered appropriate;
- Search of publicly available environmental databases;
- Database search of ESAR Databases.
- Preparation of this report containing relevant data, observations, findings, conclusions and recommendations.
- Drilling 8 boreholes with soil sampling from 1 borehole turned into a monitoring well and one additional existing monitoring bore which was present on site being sampled.

Note: *Since neighboring properties may affect or be affected by the property being assessed, the site history also included these adjoining sites to the extent practical. More detailed information of the background is available in the Phase 1 ESA undertaken by Anderson Environmental Inc.*

1.5 Qualifications of Personnel

Jason Anderson (P.Ag - Alberta Institute of Agrologists) has undertaken these assessments since 1992 and also has experience undertaking these assessments internationally in the USA and Australia. He is a Certified Environmental Site Assessor (CESA) – Phase I and Phase II according to AESAC’s National Certification Program (RESA 17260).

2 Subject Property Characteristics

2.1 Subject Property Description

The site represents a storage yard which was used for many years as a storage yard for machinery and other items. The site location and location of the boreholes is shown below.



Figure 1: Site boundaries and locations of sampling sites

4. Results

The analysis indicated that the analytes tested were in excess of the (Fine) *Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)* as below;

- S3 **Benzene 0.055mg/kg** (limit 0.046mg/kg), **Ethylbenzene 0.088mg/kg** (limit 0.073mg/kg);
- S5 **Total Xylenes 2.56mg/kg** (limit 0.99mg/kg), **F2 (C10-C16) 4920mg/kg** (limit 260mg/kg), **F3 (C16-C34) 36000mg/kg** (limit 2500mg/kg), **F4 (C34-C50) 99400mg/kg** (Limit 6600mg/kg);
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The groundwater monitoring well was drilled to 25 feet however despite moist soil no groundwater recharged into the well. As such a groundwater sample could not be obtained.

5. Findings and Conclusions

This scoped Phase II ESA conducted in accordance with the *Canadian Standards Association (CSA) Standard Z768-01:2003* (reaffirmed 2012) and *Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000)* and *Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023)* **did detect** levels of contamination in exceedance of the Tier 1 guidelines. Additional delineation laterally and vertically will be required to determine the full extent and to guide the remediation of the site.

These results indicate contamination of the site at these locations by hydrocarbons potentially from spillage of oil and gasoline/diesel. Based on the staining on the surface which is present in some locations this is the most likely hypothesis. The soils were clayish material with the clay becoming more plastic with depth. The clay would likely form a confining layer to the movement of hydrocarbons and no staining was encountered in any of the boreholes beyond approximately 0.5m bgl. Soil samples were taken as a composite sample of material from 0.0-0.5m bgl.

The site will require further delineation and removal of the contaminated material. This would be best undertaken with an excavator with confirmation sampling to ensure all the material has been removed. Visual staining is present however it is recommended that an excavator be used to dig trenches in a grid fashion to determine any further contamination for removal. Validation sampling to ensure removal and landfill classification laboratory testing would be required. It is likely that any contaminated material from hydrocarbons is only to a depth of approximately 0.5 metres.

6. Limitations of Liability

To achieve the study objectives stated in this report, we were required to base Anderson Environmental report conclusions and recommendations on the best information available during the period the investigation was conducted and within the limits prescribed by Anderson Environmental client in the contract/authorization agreement and standard terms and conditions. Anderson Environmental professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar fields. The findings were mainly based upon examination of historic records, maps, aerial photographs, and governmental agencies lists.

The hazardous waste site lists represented in this report represent only a search of the specific government records as listed in the reference list. It should be noted that governmental agencies often do not list all sites with environmental contamination; the lists could be inaccurate and/or incomplete and as such this is outside our control or responsibility. Recommendations are based on the historic land use of the subject property, as well as features noted during the subject property walk and through the variety of records examined. The absence of potential gross contamination sources, historic or present, does not necessarily imply that the subject property is free of any contamination. This report only represents a "due diligence" effort as to the integrity of the subject property. No warranty or guarantee, expressed or implied, is made as to the professional conclusions or recommendations contained in this report. The limitations contained within this report supersede all other contracts or scopes of work, implied or otherwise, except those stated or acknowledged herewith.

The staff of Anderson Environmental, in accordance with generally accepted professional practices, has prepared the findings, conclusions, recommendations, and professional opinions contained in this report. This report does not address, in any way, septic systems, leach fields, septic tanks, or related health hazards.

This report was prepared for the sole and exclusive use of the client and is not for the use or benefit of, nor may it be relied upon by, any other person, third party, or entity for any purpose without the advance written consent of Anderson Environmental and the client. Any use by any party other than the client is strictly prohibited. Anderson Environmental makes no representation to any third party except that it has used the degree of care and skill ordinarily exercised by a reasonable prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. No other use or disclosure is intended or authorized by Anderson Environmental. In the preparation of this ESA, Anderson Environmental has used the degree of care and skill ordinarily exercised by a reasonably prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances.

7. References

Alberta Tier1 Soil and Groundwater Remediation Guidelines (January 1, 2023).

Canadian Standards Association Phase I ESA Standard CSA Z768-01

Canadian Standards Association Phase II Environmental Site Assessment Z769-00 (R2018) (CSA, 2000).

8. Appendix A: Subject property Photographs



Photo 1: Soil Staining with what appears to be oil



Photo 2: BH3 – Monitoring Well

9. Appendix B: Insurances



DECLARATIONS

POLICY NUMBER:	PSL0839669701
UNIQUE MARKET REFERENCES:	B087522C9N5051 B087522C9N5053
THE INSURED:	Anderson Environmental Inc
ADDRESS:	#205,259 Midpark Way S.E Calgary, AB T2X 1M2 Canada
THE UNDERWRITERS:	Underwritten by certain Lloyd's underwriters and other insurers
NAME OF LICENSED CANADIAN INTERMEDIARY:	Paisley Partners Inc
THE INCEPTION DATE:	00:01 Local Standard Time on 11 Jun 2023
THE EXPIRY DATE:	00:01 Local Standard Time on 11 Jun 2024
TOTAL PAYABLE:	CAD4,240.00
Broken down as follows:	
Premium:	CAD3,854.00
Policy Administration Fee:	CAD386.00
BUSINESS ACTIVITIES:	ENVIRONMENTAL CONSULTANT
LEGAL ACTION:	Worldwide
TERRITORIAL SCOPE:	Worldwide
RETROACTIVE DATE(S):	
Professional Liability:	11 Jun 2015
General Liability:	11 Jun 2015, in respect of INSURING CLAUSE 3 (SECTION G only)
OPTIONAL EXTENDED REPORTING PERIOD:	12 months for 100% of applicable annualized premium
CLAIMS MANAGER:	CFC Underwriting Limited Please report all new claims to: newclaims@cfc.com
WORDING:	Professions (CA) v2.2
ENDORSEMENTS:	Regulatory Statement (CAN) Non-Owned and Hired Automobile Clause Additional Insured Clause (Specified Third Party) Service of Suit Clause Sub-Contractors Condition Precedent (Professional Liability and General Liability) Unauthorised Funds Transfer Exclusion Clause

Unique Market Reference No. B087522C9N5051, B087522C9N5053
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DECLARATIONS

INSURING CLAUSE 1: PROFESSIONAL LIABILITY

ALL SECTIONS COMBINED

Aggregate limit of liability: CAD2,000,000 in the aggregate, including costs and expenses

SECTION A: ERRORS AND OMISSIONS

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION B: BREACH OF CONTRACT

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION C: SUB-CONTRACTOR VICARIOUS LIABILITY

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION D: CONTINGENT BODILY INJURY AND PROPERTY DAMAGE LIABILITY

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION E: INTELLECTUAL PROPERTY RIGHTS INFRINGEMENT

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION F: POLLUTION LIABILITY

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

SECTION G: REGULATORY COSTS AND FINES

Limit of liability: CAD2,000,000 each and every claim, including costs and expenses

Deductible: CAD5,000 each and every claim, including costs and expenses

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SECTION H: DISHONESTY OF EMPLOYEES

Limit of liability:	CAD2,000,000	each and every claim, including costs and expenses
Deductible:	CAD5,000	each and every claim, including costs and expenses

SECTION I: PAYMENT OF WITHHELD FEES

Limit of liability:	CAD2,000,000	each and every claim, including costs and expenses
Deductible:	CAD5,000	each and every claim, including costs and expenses

INSURING CLAUSE 2: CYBER AND PRIVACY

NO COVER GIVEN

INSURING CLAUSE 3: COMMERCIAL GENERAL LIABILITY

SECTION A: BODILY INJURY AND PROPERTY DAMAGE LIABILITY

Limit of liability:	CAD2,000,000	each and every claim, costs and expenses in addition
Deductible:	CAD500	each and every claim, including costs and expenses

SECTION B: PRODUCTS AND COMPLETED OPERATIONS LIABILITY

Aggregate limit of liability:	CAD2,000,000	in the aggregate, costs and expenses in addition
Deductible:	CAD500	each and every claim, including costs and expenses

SECTION C: TENANTS' LEGAL LIABILITY

Aggregate limit of liability:	CAD500,000	in the aggregate, including costs and expenses
Deductible:	CAD500	each and every claim, including costs and expenses

SECTION D: PERSONAL AND ADVERTISING INJURY

Aggregate limit of liability:	CAD2,000,000	in the aggregate, costs and expenses in addition
Deductible:	CAD500	each and every claim, including costs and expenses

SECTION E: EMPLOYERS' LIABILITY

Aggregate limit of liability:	CAD2,000,000	in the aggregate, costs and expenses in addition
Deductible:	CAD500	each and every claim, including costs and expenses

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SECTION F: MEDICAL EXPENSES

Limit of liability:	CAD5,000	each and every claim
Deductible:	CAD0	each and every claim, including costs and expenses

SECTION G: EMPLOYEE BENEFITS LIABILITY

Aggregate limit of liability:	CAD2,000,000	in the aggregate
Deductible:	CAD500	each and every claim, including costs and expenses

INSURING CLAUSE 4: COMMERCIAL PROPERTY

NO COVER GIVEN

INSURING CLAUSE 5: BUSINESS INTERRUPTION

NO COVER GIVEN

INSURING CLAUSE 6: LEGAL EXPENSES

NO COVER GIVEN

INSURING CLAUSE 7: DIRECTORS AND OFFICERS LIABILITY

NO COVER GIVEN

INSURING CLAUSE 8: LOSS MITIGATION

Aggregate limit of liability:	CAD2,000,000	in the aggregate
Deductible:	CAD5,000	each and every claim

INSURING CLAUSE 9: COURT ATTENDANCE COSTS

Aggregate limit of liability:	CAD100,000	in the aggregate
Deductible:	CAD0	each and every claim

INSURING CLAUSE 10: REPUTATION AND BRAND PROTECTION

Aggregate limit of liability:	CAD100,000	in the aggregate
Deductible:	CAD0	each and every claim

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INSURING CLAUSE 2: CYBER EVENT COSTS

NO COVER GIVEN

INSURING CLAUSE 3: COMMERCIAL GENERAL LIABILITY

SECTION A: BODILY INJURY AND PROPERTY DAMAGE LIABILITY

Limit of liability: CAD2,000,000 each and every claim, **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

SECTION B: PRODUCTS AND COMPLETED OPERATIONS LIABILITY

Aggregate limit of liability: CAD2,000,000 **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

SECTION C: TENANTS' LEGAL LIABILITY

Aggregate limit of liability: CAD500,000 **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

SECTION D: PERSONAL AND ADVERTISING INJURY

Aggregate limit of liability: CAD2,000,000 **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

SECTION E: EMPLOYERS' LIABILITY

Aggregate limit of liability: CAD2,000,000 **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

SECTION F: MEDICAL EXPENSES

Limit of liability: CAD5,000 each and every claim

Deductible: CAD0 each and every claim

SECTION G: EMPLOYEE BENEFITS LIABILITY

Aggregate limit of liability: CAD2,000,000 including **costs and expenses**

Deductible: CAD500 each and every claim, including **costs and expenses**

S.P.F. NO. 6 STANDARD NON-OWNED AUTOMOBILE POLICY

Limit of liability: CAD2,000,000 each and every claim, **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**

S.E.F. NO. 94 LEGAL LIABILITY FOR DAMAGE TO HIRED AUTOMOBILE FORM

Limit of liability: CAD50,000 each and every claim, **costs and expenses** in addition

Deductible: CAD500 each and every claim, including **costs and expenses**



INSURING CLAUSE 4: COMMERCIAL PROPERTY

NO COVER GIVEN

INSURING CLAUSE 5: BUSINESS INTERRUPTION

NO COVER GIVEN

INSURING CLAUSE 6: LEGAL EXPENSES

NO COVER GIVEN

INSURING CLAUSE 7: DIRECTORS AND OFFICERS LIABILITY

NO COVER GIVEN

INSURING CLAUSE 8: LOSS MITIGATION

Limit of liability:	CAD2,000,000	each and every claim
Deductible:	CADO	each and every claim

INSURING CLAUSE 9: COURT ATTENDANCE COSTS

Aggregate limit of liability:	CAD100,000	sub-limited to CAD2,000 per day
Deductible:	CADO	each and every claim

INSURING CLAUSE 10: REPUTATION AND BRAND PROTECTION

Aggregate limit of liability:	CAD100,000	
Deductible:	CADO	each and every claim

10. Appendix C: Borehole Logs

All boreholes were to 5ft except for the monitoring well. The boreholes have been previously described and were consistent across the site.

11. Appendix D: Definitions and Acronyms

ABC - Ambient background concentration
ACM - Asbestos-containing-material
AEC - Area of Environmental Concern
AEC – Area of Environmental concern
AF - Asbestos fines
ASS – Acid Sulphate soil
AST- Aboveground storage tank
Background – Is the natural ambient concentrations of substances in the general site area.
Bonded ACM – Bonded asbestos-containing materials
BTEX - benzene, toluene, ethyl benzene, total xylenes (monocyclic aromatic hydrocarbons)
C₁₀–C₁₄ - Medium hydrocarbon chain groups
C₁₀–C₃₆ - Medium and heavy hydrocarbon chain groups
C₁₅–C₂₈ - Heavy hydrocarbon chain groups
C₂₉–C₃₆ - Heavy hydrocarbon chain groups
C₆–C₉ - Light hydrocarbon chain groups
CMP - Contaminant Management Plan
COC – Chain of custody
DQI – Data Quality Indicator
DQO – Data Quality Objective
EIL - Ecological investigation levels, which are the parameter thresholds for based on an environmental context.
EPA – Environmental Protection Authority
ESA - Environmental site assessment
Fill material - sand gravel clay ash and general building rubbish
HAZMAT – Hazardous Materials
m BGL - Metres below ground level
m BTOC - Metres below top of casing
OCP - Organochlorine pesticides
OPP - Organophosphate pesticides
PAH - polycyclic aromatic hydrocarbon
PCB - polychlorinated biphenyls
SAQP- Sampling and analysis quality Plan
SMF - Synthetic Material Fibres
SWL - Standing water level
TDS – Total Dissolved Solids
TPH - Total petroleum hydrocarbons
TRH - Total recoverable hydrocarbons
UPSS - Underground Petroleum Storage System
UST - Underground storage tank
VOC – Volatile Organic Compounds

12. Soils Analysis Results

ANALYTICAL REPORT

Client: Anderson Environmental
 259 Midpark Way SE
 Calgary, AB T2X 1M2

Attention: Jason Anderson

KaizenLAB JOB #:	337314
DATE RECEIVED:	19-Apr-2024
DATE REPORTED:	26-Apr-2024
PROJECT ID:	
LOCATION:	

KaizenLAB Sample #: 337314_001 **Sample ID:** S1
Date Sampled: 16-Apr-2024 12:31 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil

Benzene	mg/kg	<0.005	0.005
Toluene	mg/kg	<0.010	0.010
Ethylbenzene	mg/kg	<0.010	0.010
Total Xylenes	mg/kg	<0.030	0.030

Volatile Hydrocarbons in soil

F1 (C6-C10)	mg/kg	<5	5
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Extractable Hydrocarbons in Soil

Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	19	10
F4 (C34-C50)	mg/kg	11	10

Moisture Content	%	22.6	0.1
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Grain Size (0.075 mm sieve)

Grain Size in Soil

Grain size >0.075 mm	%	15.7	0.5
Grain size <0.075 mm	%	84.3	0.5
Texture (Fine/Coarse)		Fine	

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.049	0.015

Metals in Soil by ICP-MS

Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	9.4	2.0
Barium	mg/kg	174	15.0
Beryllium	mg/kg	0.7	0.4

Unit# 288, 2880 45 Ave S.E.
Calgary, AB, T2B 3M1
Phone (403) 297-0868
Fax: (403) 297-0869
e-Mail: kaizenlab@kaizenlab.ca



KaizenLAB Sample #: 337314_001 **Sample ID:** S1
Date Sampled: 16-Apr-2024 12:31 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	20.7	2.0
Cobalt	mg/kg	9.7	0.5
Copper	mg/kg	23.6	2.0
Lead	mg/kg	11.6	1.0
Molybdenum	mg/kg	1.0	1.0
Nickel	mg/kg	30.2	2.0
Selenium	mg/kg	<0.5	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	4.7	2.0
Uranium	mg/kg	0.8	0.5
Vanadium	mg/kg	27.5	2.0
Zinc	mg/kg	76.4	10.0

KaizenLAB Sample #: 337314_002 **Sample ID:** S2
Date Sampled: 16-Apr-2024 14:45 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil			
Benzene	mg/kg	<0.005	0.005
Toluene	mg/kg	0.079	0.010
Ethylbenzene	mg/kg	0.018	0.010
Total Xylenes	mg/kg	0.087	0.030

Volatile Hydrocarbons in soil			
F1 (C6-C10)	mg/kg	<5	5

Extractable Hydrocarbons in Soil			
Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	<10	10
F4 (C34-C50)	mg/kg	<10	10
Moisture Content	%	13.7	0.1

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.056	0.015

Metals in Soil by ICP-MS			
Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	10.4	2.0
Barium	mg/kg	190	15.0
Beryllium	mg/kg	0.6	0.4
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	20.3	2.0
Cobalt	mg/kg	9.4	0.5
Copper	mg/kg	22.5	2.0
Lead	mg/kg	12.3	1.0
Molybdenum	mg/kg	1	1.0
Nickel	mg/kg	26.8	2.0
Selenium	mg/kg	0.6	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	2.8	2.0
Uranium	mg/kg	0.8	0.5
Vanadium	mg/kg	25.9	2.0
Zinc	mg/kg	78.6	10.0

KaizenLAB Sample #: 337314_003 **Sample ID:** S3
Date Sampled: 16-Apr-2024 15:00 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil

Benzene	mg/kg	0.055	0.005
Toluene	mg/kg	0.502	0.010
Ethylbenzene	mg/kg	0.088	0.010
Total Xylenes	mg/kg	0.339	0.030

Volatile Hydrocarbons in soil

F1 (C6-C10)	mg/kg	<5	5
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Extractable Hydrocarbons in Soil

Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	11	10
F4 (C34-C50)	mg/kg	<10	10
Moisture Content	%	14.9	0.1

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.064	0.015

Metals in Soil by ICP-MS

Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	11.3	2.0
Barium	mg/kg	185	15.0
Beryllium	mg/kg	0.5	0.4
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	14.2	2.0
Cobalt	mg/kg	9.7	0.5
Copper	mg/kg	22.3	2.0
Lead	mg/kg	11.6	1.0
Molybdenum	mg/kg	1.0	1.0
Nickel	mg/kg	27.3	2.0
Selenium	mg/kg	0.5	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	<2.0	2.0
Uranium	mg/kg	0.8	0.5
Vanadium	mg/kg	22.5	2.0
Zinc	mg/kg	102	10.0

KaizenLAB Sample #: 337314_004 **Sample ID:** S4
Date Sampled: 16-Apr-2024 15:10 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil			
Benzene	mg/kg	<0.005	0.005
Toluene	mg/kg	0.072	0.010
Ethylbenzene	mg/kg	0.020	0.010
Total Xylenes	mg/kg	0.097	0.030

Volatile Hydrocarbons in soil			
F1 (C6-C10)	mg/kg	<5	5

Extractable Hydrocarbons in Soil			
Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	<10	10
F4 (C34-C50)	mg/kg	<10	10
Moisture Content	%	22.2	0.1

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.038	0.015

Metals in Soil by ICP-MS			
Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	7.7	2.0
Barium	mg/kg	237	15.0
Beryllium	mg/kg	0.6	0.4
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	17.1	2.0
Cobalt	mg/kg	9.4	0.5
Copper	mg/kg	51.2	2.0
Lead	mg/kg	12.3	1.0
Molybdenum	mg/kg	<1.0	1.0
Nickel	mg/kg	23.7	2.0
Selenium	mg/kg	0.5	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	2.4	2.0
Uranium	mg/kg	0.7	0.5
Vanadium	mg/kg	23.2	2.0
Zinc	mg/kg	101	10.0

KaizenLAB Sample #: 337314_005 **Sample ID:** S5
Date Sampled: 16-Apr-2024 15:22 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)			
BTEX in Soil			
Benzene	mg/kg	<0.005	0.005
Toluene	mg/kg	0.118	0.010
Ethylbenzene	mg/kg	0.169	0.010
Total Xylenes	mg/kg	2.56	0.030
Volatile Hydrocarbons in soil			
F1 (C6-C10)	mg/kg	252	5
Extractable Hydrocarbons in Soil			
Chromatogram descends to baseline at C50		No	
F2 (C10-C16)	mg/kg	4920	10
F3 (C16-C34)	mg/kg	36000	10
F4 (C34-C50)	mg/kg	99400	10
Moisture Content	%	15.1	0.1
F4G - Gravimetric Heavy Hydrocarbons	mg/kg	165392	1,000
Alberta Tier 1 Metals in Soil			
Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.047	0.015
Metals in Soil by ICP-MS			
Antimony	mg/kg	2.1	1.0
Arsenic	mg/kg	8.4	2.0
Barium	mg/kg	210	15.0
Beryllium	mg/kg	0.5	0.4
Cadmium	mg/kg	1.0	0.5
Chromium	mg/kg	21.6	2.0
Cobalt	mg/kg	10	0.5
Copper	mg/kg	45.8	2.0
Lead	mg/kg	27.4	1.0
Molybdenum	mg/kg	1.4	1.0
Nickel	mg/kg	25.5	2.0
Selenium	mg/kg	0.6	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	2.7	2.0
Uranium	mg/kg	0.6	0.5
Vanadium	mg/kg	22.3	2.0
Zinc	mg/kg	193	10.0

KaizenLAB Sample #: 337314_006 **Sample ID:** S6
Date Sampled: 16-Apr-2024 15:28 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil			
Benzene	mg/kg	0.036	0.005
Toluene	mg/kg	0.185	0.010
Ethylbenzene	mg/kg	0.055	0.010
Total Xylenes	mg/kg	0.256	0.030

Volatile Hydrocarbons in soil			
F1 (C6-C10)	mg/kg	<5	5

Extractable Hydrocarbons in Soil			
Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	<10	10
F4 (C34-C50)	mg/kg	<10	10
Moisture Content	%	18.8	0.1

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.072	0.015

Metals in Soil by ICP-MS			
Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	11.1	2.0
Barium	mg/kg	144	15.0
Beryllium	mg/kg	0.5	0.4
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	17.4	2.0
Cobalt	mg/kg	9.6	0.5
Copper	mg/kg	22.0	2.0
Lead	mg/kg	11.2	1.0
Molybdenum	mg/kg	1.0	1.0
Nickel	mg/kg	26.8	2.0
Selenium	mg/kg	0.8	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	<2.0	2.0
Uranium	mg/kg	0.8	0.5
Vanadium	mg/kg	24.1	2.0
Zinc	mg/kg	69.0	10.0

KaizenLAB Sample #: 337314_007 **Sample ID:** S7
Date Sampled: 16-Apr-2024 15:42 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
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CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

BTEX in Soil

Benzene	mg/kg	0.041	0.005
Toluene	mg/kg	0.347	0.010
Ethylbenzene	mg/kg	0.045	0.010
Total Xylenes	mg/kg	0.221	0.030

Volatile Hydrocarbons in soil

F1 (C6-C10)	mg/kg	<5	5
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Extractable Hydrocarbons in Soil

Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	<10	10
F3 (C16-C34)	mg/kg	<10	10
F4 (C34-C50)	mg/kg	<10	10
Moisture Content	%	13.8	0.1

Alberta Tier 1 Metals in Soil

Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.022	0.015

Metals in Soil by ICP-MS

Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	5.8	2.0
Barium	mg/kg	303	15.0
Beryllium	mg/kg	0.5	0.4
Cadmium	mg/kg	0.5	0.5
Chromium	mg/kg	13.6	2.0
Cobalt	mg/kg	7.8	0.5
Copper	mg/kg	14.4	2.0
Lead	mg/kg	11.5	1.0
Molybdenum	mg/kg	<1.0	1.0
Nickel	mg/kg	18.1	2.0
Selenium	mg/kg	<0.5	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	<2.0	2.0
Uranium	mg/kg	0.5	0.5
Vanadium	mg/kg	19.5	2.0
Zinc	mg/kg	100	10.0

KaizenLAB Sample #: 337314_008 **Sample ID:** S8
Date Sampled: 16-Apr-2024 16:01 **Matrix:** Soil **Depth:** 0-50

Parameter Description	Units	Result	Detection Limit
CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)			
BTEX in Soil			
Benzene	mg/kg	0.070	0.005
Toluene	mg/kg	0.523	0.010
Ethylbenzene	mg/kg	0.110	0.010
Total Xylenes	mg/kg	0.515	0.030
Volatile Hydrocarbons in soil			
F1 (C6-C10)	mg/kg	<5	5
Extractable Hydrocarbons in Soil			
Chromatogram descends to baseline at C50		Yes	
F2 (C10-C16)	mg/kg	13	10
F3 (C16-C34)	mg/kg	261	10
F4 (C34-C50)	mg/kg	126	10
Moisture Content	%	17.5	0.1
Alberta Tier 1 Metals in Soil			
Boron (Saturated Paste)	mg/L	<1.00	1.00
Hexavalent Chromium	mg/kg	<0.1	0.1
Mercury	mg/kg	0.061	0.015
Metals in Soil by ICP-MS			
Antimony	mg/kg	<1.0	1.0
Arsenic	mg/kg	10.7	2.0
Barium	mg/kg	214	15.0
Beryllium	mg/kg	0.7	0.4
Cadmium	mg/kg	<0.5	0.5
Chromium	mg/kg	28.4	2.0
Cobalt	mg/kg	10.5	0.5
Copper	mg/kg	26.4	2.0
Lead	mg/kg	13.3	1.0
Molybdenum	mg/kg	1.0	1.0
Nickel	mg/kg	28.3	2.0
Selenium	mg/kg	0.8	0.5
Silver	mg/kg	<1.0	1.0
Thallium	mg/kg	<0.5	0.5
Tin	mg/kg	<2.0	2.0
Uranium	mg/kg	1	0.5
Vanadium	mg/kg	32.8	2.0
Zinc	mg/kg	97.1	10.0

If both F4 and F4G have been reported, use the higher of the two results for interpretation of the CCME Canada-Wide Standard for Petroleum Hydrocarbons in Soil Tier 1 approach. The F4G result shall not be added to the F4 result. The quality control criteria stipulated in sections 10.1, 10.5, 11.1 and 11.5 of the CCME Canada-Wide Standard for Petroleum Hydrocarbons in Soil has been met for related data listed in this report.

Test Methodologies

Boron in Soil by ICP-OES: Modified from Soil Sampling & Methods of Analysis, M.R. Carter, 2008 and SM 3120 B
BTEX in Soil: Modified from EPA 8260D, EPA 5030C/EPA 5021A, and Canada-wide Method for Petroleum Hydrocarbons in Soil, CCME 2001
Grain Size in Soil: Modified from Soil Sampling & Methods of Analysis, M.R. Carter, 2008
Hexavalent Chromium in Soil: Modified from EPA 3060A, EPA 218.7, and USGS Evaluation of Extraction Methods fo Cr(VI) in Soils, 2010
Mercury in Soil: Modified from EPA 3050B and EPA 1631 Revision E
Metals in Soil by ICP-MS: Modified from EPA 3050B and SM 3125 B
Moisture Content in Soil: Modified from Canada-wide Method for Petroleum Hydrocarbons in Soil, CCME 2001
Semi-Volatile Hydrocarbons in Soil: Canada-wide Method for Petroleum Hydrocarbons in Soil, CCME 2001
Volatile Hydrocarbons in Soil: Canada-wide Method for Petroleum Hydrocarbons in Soil, CCME 2001

Final Review by:



Christina Daguio
Client Services Administrator

Note: The results in this report relate only to the items tested and as received. Information is available for any items in 7.8.2.1 of ISO/IEC 17025:2017 that cannot be put on a test report. The report shall not be reproduced except in full without written approval of KaizenLAB. The validity of results may be affected if the information is provided by the customer.

Test methodologies are accredited in accordance with ISO/IEC 17025 via CALA, unless otherwise specified in the description of the methods .

*This analyte is not accredited, even though analyzed by an accredited methodology.

QUALITY CONTROL REPORT

Client: Anderson Environmental
Attention: Jason Anderson

KaizenLAB JOB #:	337314
PROJECT:	
LOCATION:	
DATE REPORTED:	26-Apr-2024

	Method Blank	Calibration Verification Standard		Laboratory Control Sample		Duplicate or Matrix Spike Duplicate	
		%Recovery		%Recovery		Rel. % Diff.	
Test:	Mercury in Soil by CVAF						
QC Batch #:	BS_THG_LL_240424_01						
Date:	24-Apr-2024						
Mercury	<0.015 mg/kg	101	Pass	105	Pass	10	Pass

Test:	Metals in Soil by ICP-MS						
QC Batch #:	BS_METALMS_240423_01						
Date:	23-Apr-2024						
Antimony	<1.0 mg/kg	92	Pass	N/A-NC	-	12	Pass
Arsenic	<2.0 mg/kg	97	Pass	97	Pass	9	Pass
Barium	<15.0 mg/kg	97	Pass	97	Pass	5	Pass
Beryllium	<0.4 mg/kg	95	Pass	97	Pass	N/A-NC	-
Cadmium	<0.5 mg/kg	99	Pass	102	Pass	N/A-NC	-
Chromium	<2.0 mg/kg	97	Pass	100	Pass	3	Pass
Cobalt	<0.5 mg/kg	98	Pass	106	Pass	9	Pass
Copper	<2.0 mg/kg	97	Pass	100	Pass	10	Pass
Lead	<1.0 mg/kg	100	Pass	89	Pass	7	Pass
Molybdenum	<1.0 mg/kg	95	Pass	104	Pass	N/A-NC	-
Nickel	<2.0 mg/kg	97	Pass	102	Pass	5	Pass
Selenium	<0.5 mg/kg	98	Pass	100	Pass	N/A-NC	-
Silver	<1.0 mg/kg	99	Pass	103	Pass	N/A-NC	-
Thallium	<0.5 mg/kg	102	Pass	N/A-NC	-	N/A-NC	-
Tin	<2.0 mg/kg	105	Pass	111	Pass	N/A-NC	-
Uranium	<0.5 mg/kg	96	Pass	N/A-NC	-	N/A-NC	-
Vanadium	<2.0 mg/kg	97	Pass	93	Pass	4	Pass
Zinc	<10.0 mg/kg	99	Pass	98	Pass	3	Pass

Test:	Hexavalent Chromium in Soil by IC						
QC Batch #:	BS_HEX_CR_240425_01						
Date:	25-Apr-2024						
Hexavalent Chromium	<0.1 ug/L	92	Pass	76	Pass	N/A-NC	-

N/A-NC: Not Applicable-Not Calculated: Result does not apply to this test or the difference between duplicate and its parent sample is not significant to perform a calculation (results are too close to the detection limit)

	Method Blank	Calibration Verification Standard			Laboratory Control Sample		Duplicate or Matrix Spike Duplicate	
			%Recovery		%Recovery		Rel. % Diff.	
Test: Grain Size in Soil								
QC Batch #: BS_GRAIN_240422_01								
Date: 22-Apr-2024								
Percent Passed	N/A	N/A-NC	-	100	Pass	1	Pass	
Percent Retained	N/A	N/A-NC	-	95	Pass	1	Pass	

Test: F4G - Gravimetric Heavy Hydrocarbons								
QC Batch #: BS_F4G_240424_01								
Date: 24-Apr-2024								
F4G	<1000 mg/kg	96	Pass	96	Pass	2	Pass	

Test: Extractable Hydrocarbons in Soil								
QC Batch #: BS_F2F4_240424_05								
Date: 24-Apr-2024								
F2 (C10-C16)	<10 mg/kg	110	Pass	106	Pass	N/A-NC	-	
F3 (C16-C34)	<10 mg/kg	112	Pass	93	Pass	12	Pass	
F4 (C34-C50)	<10 mg/kg	119	Pass	118	Pass	19	Pass	

Test: Volatile Hydrocarbons in Soil								
QC Batch #: BS_F1_240424_02								
Date: 24-Apr-2024								
F1 (C6-C10)	<5 mg/kg	90	Pass	105	Pass	N/A-NC	-	

Test: BTEX in Soil								
QC Batch #: BS_BTEX_240424_03								
Date: 24-Apr-2024								
Benzene	<0.005 mg/kg	108	Pass	80	Pass	N/A-NC	-	
Ethylbenzene	<0.010 mg/kg	99	Pass	80	Pass	N/A-NC	-	
m,p-Xylenes	<0.020 mg/kg	96	Pass	78	Pass	N/A-NC	-	
o-Xylene	<0.010 mg/kg	94	Pass	71	Pass	N/A-NC	-	
Toluene	<0.010 mg/kg	110	Pass	86	Pass	N/A-NC	-	

Test: Boron in Soil, Saturated Paste Extraction, by ICP-OES								
QC Batch #: BS_BORONSA_240420_02								
Date: 20-Apr-2024								
Soluble Boron	<1.00 mg/L	104	Pass	81	Pass	N/A-NC	-	

N/A-NC: Not Applicable-Not Calculated: Result does not apply to this test or the difference between duplicate and its parent sample is not significant to perform a calculation (results are too close to the detection limit)

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Calgary, AB, T2B 3M1
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Fax: (403) 297-0869
e-Mail: kaizenlab@kaizenlab.ca



Final Review by:

A handwritten signature in blue ink, appearing to read 'Christina Daguio', written over a horizontal line.

Christina Daguio
Client Services Administrator

Note: The results in this report relate only to the items tested and as received. Information is available for any items in 7.8.2.1 of ISO/IEC 17025:2017 that cannot be put on a test report. The report shall not be reproduced except in full without written approval of KaizenLAB. The validity of results may be affected if the information is provided by the customer.

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*This analyte is not accredited, even though analyzed by an accredited methodology.

N/A-NC: Not Applicable-Not Calculated: Result does not apply to this test or the difference between duplicate and its parent sample is not significant to perform a calculation (results are too close to the detection limit)

KaizenLAB Job #:

337314

SERVICE REQUESTED (3PM Cut off)			REPORT CONTACT		INVOICE CONTACT		PROJECT DETAILS	
Service	Surcharge	TAT *Business days	Company:	Anderson Enviro	Same as Report	<input type="checkbox"/>	Project ID:	
Regular	None	4 days <input type="checkbox"/>	Contact:	Jason	Company:		Location ID:	
RUSH TAT (3PM Cut off)			Emails:	jason@andenviro.ca	Contact:		P.O.:	
Rush	50%	2 - 3 days <input type="checkbox"/>	Address:		Email:		Quotation #:	
Priority	100%	Next day <input type="checkbox"/>	Phone:	403 808 1826	Address:			
Emergency	200%	Weekend/Holiday Same day <input type="checkbox"/>			Phone:			
Report Date	26-Apr-24 * Please call (403) 815-5815 to coordinate rush analysis							

Guideline	Client	Depot	Lab	ANALYSIS REQUESTED										HOLD ANALYSIS	SPECIAL INSTRUCTIONS										
<input type="checkbox"/> AB Tier 1 <input type="checkbox"/> BC <input type="checkbox"/> CCME <input type="checkbox"/> MB <input type="checkbox"/> SPIGEC <input type="checkbox"/> Drinking Water <input type="checkbox"/> D50 <input type="checkbox"/> Other _____	Rel. by:	Rec. by:	Rec. by: TS / MP	BTEX F1-F4 Grain Size AB Tier (Met)																					
Date:	Date:	Date:	Date:											19-Apr-24											
Time:	Time:	Time:	Time:											2:53pm											
Additional Notes:	LAB USE ONLY		Temp:											150°C											

LAB ID	SAMPLE IDENTIFICATION	DEPTH	DATE SAMPLED (DD/MM/YYYY)	TIME SAMPLED	MATRIX (SOIL / WATER)	BTEX	Grain Size	AB Tier										
1	S1 B#1	0-50	16/4/2024	12:31	Soil	X	X	X										
2	S2	0-50	"	2:45	Soil	X	X	X										
3	S3	0-50	"	3:00	Soil	X	X	X										
4	S4	0-50	"	3:10	Soil	X	X	X										
5	S5	0-50	"	3:22	Soil	X	X	X										
6	S6	0-50	"	3:28	Soil	X	X	X										
7	S7	0-50	"	3:42	Soil	X	X	X										
8	S8	0-50	"	4:01	Soil	X	X	X										