FORTIS ENVIRONMENTAL

Soil Characterization Report

ESA

210 Mohawk Road E

Hamilton, Ontario

Job No.
F199507029

Client:
Melrose Paving Co. Ltd.

Report Date:
August 7, 2024

Fortis Environmental Inc.
942 Yonge Street Suite 324
Toronto / ON
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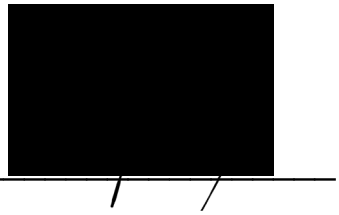
FORTIS ENVIRONMENTAL

Soil Characterization Report – Environmental Site Assessment (ESA)
210 Mohawk Road E
Hamilton / ON

To Whom It May Concern,

Please find enclosed the results for the above-mentioned investigation conducted on your behalf. Please feel free to contact us at info@fortisenv.ca if you require any further information.

x 

Andrew Topp, President
P.Geo. Q.P.$_{ESA}$.
Master of Environmental Science
Bachelor of Science – Biology, Geology

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List of Figures, Tables and Appendices

1 Introduction & Objective

1.1 General

Fortis Environmental Inc. (Fortis) was retained by Melrose Paving Co. Ltd. (the Client) to conduct a Soil Characterization Report – Environmental Site Assessment (ESA) for the property located at 210 Mohawk Road E in Hamilton, Ontario (hereby referred to as “The Project Area”).

Please refer to Figure 1 for an outline of the location of the Project Area.

1.2 Objective

The objective of the current investigation was to provide a summary of the environmental (chemical) quality of the soils on-site, prior to the excavation and off-site beneficial re-use of excess soils generated as part of a commercial paving / asphalt rehabilitation project.

The ESA was carried out in accordance with the Canadian Standards Association (CSA) Z769-00 (R2013), under general guidelines of Ontario Regulation 153/04 (including amendments of O. Reg. 406/19).

1.3 Site Description

At the time of the investigation, the site was developed as a commercial property which operates as a pharmaceutical retail store (“Shoppers Drug Mart”) which is undergoing an asphalt rehabilitation project. Part of the upgrades include stripping and removal of the current asphalt surface and sub-grade granular materials, followed by the excavation of 0.5 m of excess soils for the replacement of compacted granular prior to the construction of a new paved asphalt surface.

- The surface area of where the excess soil is to be removed is: 3,850 m^2
- Depth of the proposed excavation is a maximum of 0.5 mbgl.
- The project is scheduled to generate: 1,925 m^3 of excess soils.

Please refer to Figure 1 for an outline of the areas to be excavated on-site.

1.4 Assessment of Past Uses

The Project Area is and always has been developed as commercial property under the operating name of “Shoppers Drug Mart”. A review of aerial photographs from the McMaster University collection identified that the site and study area have been developed for at least 100 years. Neighbouring properties were identified to the south, east and west as well as commercial to the north.

Based on the depth of excavation (0.5 mbgl) the following PCA (and therefor APEC) was identified during the historical review of the site.

APEC 1 (PCA #30 – Importation of Fill Material of Unknown Quality).

Based on such, Fortis implemented a sampling approach where parameters were analyzed to randomly screen surficial excess soils which are to be generated by including the following general parameters: VOCs, BTEX, PHCs, PAHs, Metals, Inorganics, PCBs. This was done to ensure that all materials were sufficient for beneficial reuse off-site.

2 Scope of Work

Fortis staff conducted the SCR-ESA field investigations in July of 2024. In order to obtain in-situ representative samples as per the guidelines under O.Reg 406/19.

The Investigation consisted of the following:

- Inspection of the Subject Property.
- Obtaining five (5) soil samples, via borehole drilling, in order to provide the overall chemical quality of the on-site excess soils (located in-situ) in the location of the materials in question.
- Preparation of an engineering report summarizing the findings of the investigation.

3 Site Investigation

3.1 General

Fortis Conducted the Subsurface investigation on July 24, 2024. The weather was sunny, and the average ambient temperature was recorded to be 35 degrees Celsius. Fortis personnel were on-site between the hours of 8:00 am –10:00 am.

3.2 Impediments

No significant impediments were encountered during field investigations on the Subject Property, and full access to the Subject Property was permitted by the Client to allow for proper site investigation.

3.3 Methodology – Soil Sampling

On July 24, 2024; five (5) soil samples were machine excavated from boreholes within the area to be excavated (Project Area). The sampling program is outlined in the table below:

Soil Sampling Plan & Rationale

Soil Sample ID	Retrieval Method	Analyses	Depth	Material Description	Vapour Reading LNAPL/DNAPL
FBH101-SS1	Machine Excavation - Borehole	VOCs BTEX PHCs PAHs Metals Inorganics PCBs	0.0 – 0.75 mbgl	Brown, Grey Silty Clay (native directly below the surficial granular materials underlying the asphalt surface).	0 ppm / 0.0
FBH102-SS1	Machine Excavation - Borehole	VOCs BTEX PHCs PAHs Metals Inorganics PCBs	0.0 – 0.75 mbgl	Brown, Grey Silty Clay (native directly below the surficial granular materials underlying the asphalt surface).	0 ppm / 0.0
FBH103-SS1	Machine Excavation - Borehole	VOCs BTEX PHCs PAHs Metals Inorganics PCBs	0.0 – 0.75 mbgl	Brown, Grey Silty Clay (native directly below the surficial granular materials underlying the asphalt surface).	0 ppm / 0.0
FBH104-SS1	Machine Excavation - Borehole	VOCs BTEX PHCs PAHs Metals Inorganics PCBs	0.0 – 0.75 mbgl	Brown, Grey Silty Clay (native directly below the surficial granular materials underlying the asphalt surface).	0 ppm / 0.0
FBH105-SS1	Machine Excavation - Borehole	VOCs BTEX PHCs PAHs Metals Inorganics PCBs	0.0 – 0.75 mbgl	Brown, Grey Silty Clay (native directly below the surficial granular materials underlying the asphalt surface).	0 ppm / 0.0

Please refer to Figure 1 for an outline of the Soil Sampling Location on-site.

4 Results of the Investigation

4.1 Vapour Investigation

Regulations 153/04 (as amended) do not require soil or headspace vapour concentrations as part of the PHC or solvent-derived soil analysis, the Regulations require the Headspace Vapour as field screening tool to identify the PHC or VOC impacted soils or headspace vapours. Elevated soil vapour concentrations, typically in the LEL range, are generally indicative of the presence of volatile combustible products i.e. gasoline, methane, solvents, and to a lesser extent diesel and fuel oil. It should be noted that elevated vapour concentrations may also be associated with the presence of moisture, microbial activity, or decaying organic matter, especially in the absence of visual or olfactory evidence of impact.

Headspace vapour concentrations (HSVCs) measured in the soil samples obtained during the investigation did not exceed 0 parts per million (ppm) in hexane and 0.0 ppm in Isobutylene.

4.2 Soil Chemical Analyses

A review of the soil chemical analyses; indicates that the measured concentrations in the submitted soil samples met the following MECP Regulatory Standards:

Sample ID	Regulatory Standard		
	Table 2.1: Agri	Table 2.1: RPI	Table 2.1: ICC
FBH101-SS1	**Meets**	**Meets**	**Meets**
FBH102-SS1	**Meets**	**Meets**	**Meets**
FBH103-SS1	**Meets**	**Meets**	**Meets**
FBH104-SS1	**Meets**	**Meets**	**Meets**
FBH105-SS1	**Meets**	**Meets**	**Meets**

Based on a review of the total sample results, the bulk quantity of material was found to meet the following criteria:

- Table 2.1: Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition for Agricultural Property Use.

It should be noted that surficial materials contain concentrations which exceed the Table 2.1 applicable ESQS for EC & SAR, however due to the exemptions listed in Section 49.1 of O.Reg 153/04; these elevated concentrations do not impact the overall quality of the tested materials as this is due to the periodic de-icing of the roadway for pedestrian safety purposes. The materials are therefore suitable for beneficial re-use if managed in accordance with the Soil Rules.

Certificates of Analyses are presented in Appendix A.

5 Conclusions & Recommendations

Fortis Environmental Inc. was retained by Melrose Paving Co. Ltd. to conduct a Soil Characterization Report – Environmental Site Assessment for the property located at 210 Mohawk Road E in Hamilton, Ontario.

At the time of the investigation, the site was developed as a commercial property which operates as a pharmaceutical retail store (“Shoppers Drug Mart”) which is undergoing an asphalt rehabilitation project. Part of the upgrades include stripping and removal of the current asphalt surface and sub-grade granular materials, followed by the excavation of 0.5 m of excess soils for the replacement of compacted granular prior to the construction of a new paved asphalt surface.

Total Surface Area: 3,850 m^2
Max Depth: 0.50 mbgl
Total Excavation Box: 1,925 m^3 (200 loads)

A review of the bulk soil chemical analyses of all samples; indicates that the measured concentrations in the submitted soil samples met the following MECP Regulatory Standards:

- Table 2.1: Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition for Agricultural Property Use.

It should be noted that surficial materials contain concentrations which exceed the Table 2.1 applicable ESQS for EC & SAR, however due to the exemptions listed in Section 49.1 of O.Reg 153/04; these elevated concentrations do not impact the overall quality of the tested materials as this is due to the periodic de-icing of the roadway for pedestrian safety purposes. The materials are therefore suitable for beneficial re-use if managed in accordance with the Soil Rules.

Based on the results of the investigation, the material is therefore suitable for beneficial re-use at an appropriate facility that meets the MECP Table 2.1 ESQS (Agri.) Criteria with EC/SAR exceptions.

Respectfully Submitted
Fortis Environmental Inc.

X [redacted]

Andrew Topp, President, P.Geo. Q.P.ESA.
Master of Environmental Science
Bachelor of Science – Biology, Geology
atopp@fortisenv.ca

6 Limitations

1. This assessment was conducted in accordance with generally accepted engineering standards. It is possible that materials other than those described in this report are present at the site. The client acknowledges that no assessment can necessarily identify the existence of all contaminants, potential contaminants or environmental conditions;

2. This report was prepared for the sole and exclusive use of Melrose Paving Co. Ltd. (the Client). Fortis Environmental Inc. accepts no responsibility or liability for any loss, damage, expense, fine or any other claim of any nature or type, including any liability or potential liability arising from its own negligence, for any use of this report or reliance on it, in whole or in part, by anyone other than The Client;

3. There is no representation, warranty, or condition, express or implied, by Fortis Environmental Inc. or its officers, directors, employees or agents that this assessment has identified all contaminants, potential contaminants or environmental conditions at the site or that the site is free from contamination, potential contaminants or environmental conditions other than those noted in this report;

4. This assessment has been completed from information and documentation described in this report as well as the results of limited chemical analysis of soil samples collected from accessible locations on the date(s) specified. We have assumed that any such information and documentation is accurate and complete. We can accept no responsibility or liability for any errors, deficiencies or inaccuracies in this report arising from errors or omissions in the information and documentation provided by others;

5. This assessment was based on information and the results of investigation(s) obtained on the date(s) specified. Fortis Environmental Inc. accepts no responsibility or liability for any changes or potential changes in the condition of the site subsequent to the date of our investigation(s);

6. The conditions between sampling locations have been inferred, to the best of our ability, based on the conditions observed at sampling locations. Conditions between and beyond sampling locations may vary. This assessment pertains, only, to the site specifically described in this report and not to any adjacent or other property;

7. This assessment does not include, nor is it intended to include, any opinion regarding the suitability of any structure on the site for any particular function, the integrity of the on-site buildings or the geotechnical conditions on the site, with the exception of how they may identify with environmental concerns. Inspections of buildings do not include compliance with building, gas, electrical or boiler codes, or any other federal, provincial or municipal codes not associated with environmental concerns. Should concerns regarding any parameters other than environmental concerns arise as a result of our investigation(s), they should be addressed by appropriately qualified professionals; and,

8. This report is not to be reproduced or released to any other party, in whole or in part, without the express written consent of Fortis Environmental Inc.

7 Qualifications of the Assessor

Andrew Topp, H.B.Sc., M.Env.Sc, P.Geo, Q.P$_{ESA}$
President and Principal Geoscientist

Professional Geoscientist Membership #3185

Practicing Member as of January 2020

EDUCATION

Bachelor of Science - Geology *University of Toronto Scarborough, ON, Canada*

Masters Degree in Environmental Science, *University of Toronto Scarborough, ON,*

Bachelor of Science – Biology, Weste*rn University, London, ON, Canada*

PROJECT EXPERIENCE

Record of Site condition

Have conducted planning, pricing, field work, reporting and correspondence with the MECP for 30+ RSC projects.

UST/AST Removal

Have completed 150+ UST/AST removal projects for gas stations, residential and commercial sites including correspondence with the applicable regulatory bodies (TSSA, MECP).

Phase I ESA

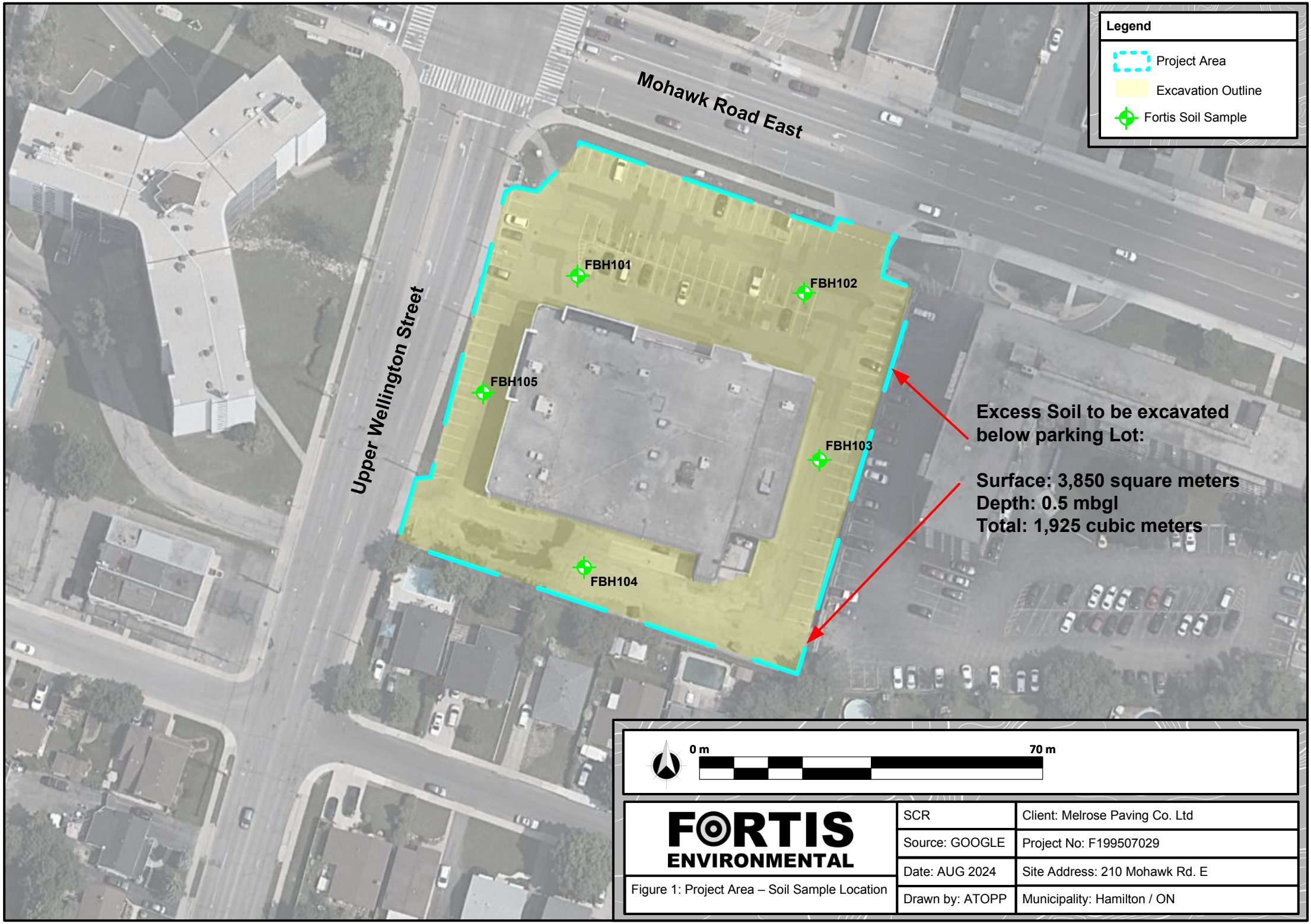
Have conducted over 350+ Phase I ESAs over the entirety of southern and northern Ontario in commercial, industrial and residential properties for the purposes of financing, real-estate due-diligence and Record of Site Condition.

Phase II ESA

Have conducted over 250+ Phase II ESAs over almost the entirety of southern and northern Ontario on various commercial, industrial and residential properties for the purposes of financing, real-estate due diligence and Record of Site Condition.

- References may be made available upon request.

Figures



FORTIS ENVIRONMENTAL

Figure 1: Project Area – Soil Sample Location

SCR	Client: Melrose Paving Co. Ltd
Source: GOOGLE	Project No: F199507029
Date: AUG 2024	Site Address: 210 Mohawk Rd. E
Drawn by: ATOPP	Municipality: Hamilton / ON

Appendix A
Laboratory Certificates of Analyses

AGAT Laboratories

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

CLIENT NAME: LAFARGE CANADA INC
6509 Airport Road
Mississauga, ON L4V 1S7
416-526-8772

ATTENTION TO: Jerome Ng

PROJECT: F199507029

AGAT WORK ORDER: 24T178760

SOIL ANALYSIS REVIEWED BY: Nivine Basily, Inorganic Team Lead

TRACE ORGANICS REVIEWED BY: Radhika Chakraberty, Trace Organics Lab Manager

DATE REPORTED: Aug 02, 2024

PAGES (INCLUDING COVER): 18

VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (905) 712-5100

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 30 days after receipt unless a Long Term Storage Agreement is signed and returned. Some specialty analysis may be exempt, please contact your Client Project Manager for details.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information is available on request from AGAT Laboratories, in accordance with ISO/IEC 17025:2017, ISO/IEC 17025:2005 (Quebec), DR-12-PALA and/or NELAP Standards.
- This document is signed by an authorized signatory who meets the requirements of the MELCCFP, CALA, CCN and NELAP.
- For environmental samples in the Province of Quebec: The analysis is performed on and results apply to samples as received. A temperature above 6°C upon receipt, as indicated in the Sample Reception Notification (SRN), could indicate the integrity of the samples has been compromised if the delay between sampling and submission to the laboratory could not be minimized.

AGAT Laboratories

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FAX (905)712-5122
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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

SAMPLING SITE:MOHAWK

ATTENTION TO: Jerome Ng

SAMPLED BY:AT

O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

						SAMPLE DESCRIPTION:	FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
						SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
						DATE SAMPLED:	2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL		6033343	6033356	6033357	6033358	6033359
Antimony	µg/g	7.5	40	7.5	0.8		<0.8	<0.8	<0.8	<0.8	<0.8
Arsenic	µg/g	11	18	18	1		5[<A]	6[<A]	5[<A]	5[<A]	5[<A]
Barium	µg/g	390	670	390	2.0		109[<A]	117[<A]	108[<A]	108[<A]	115[<A]
Beryllium	µg/g	4	8	4	0.5		1.0[<A]	1.0[<A]	0.9[<A]	0.9[<A]	0.9[<A]
Boron	µg/g	120	120	120	5		14[<A]	14[<A]	14[<A]	14[<A]	10[<A]
Boron (Hot Water Soluble)	µg/g	1.5	2	1.5	0.10		0.28[<A]	0.28[<A]	0.18[<A]	0.26[<A]	0.26[<A]
Cadmium	µg/g	1	1.9	1.2	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	µg/g	160	160	160	5		28[<A]	29[<A]	27[<A]	26[<A]	27[<A]
Cobalt	µg/g	22	80	22	0.8		13.1[<A]	13.8[<A]	12.7[<A]	13.4[<A]	12.7[<A]
Copper	µg/g	140	230	140	1.0		24.5[<A]	26.4[<A]	25.5[<A]	25.4[<A]	24.8[<A]
Lead	µg/g	45	120	120	1		15[<A]	17[<A]	12[<A]	12[<A]	15[<A]
Molybdenum	µg/g	6.9	40	6.9	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	µg/g	100	270	100	1		25[<A]	26[<A]	25[<A]	26[<A]	25[<A]
Selenium	µg/g	2.4	5.5	2.4	0.8		<0.8	<0.8	<0.8	<0.8	<0.8
Silver	µg/g	20	40	20	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	µg/g	1	3.3	1	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Uranium	µg/g	23	33	23	0.50		0.82[<A]	0.87[<A]	0.74[<A]	0.72[<A]	0.81[<A]
Vanadium	µg/g	86	86	86	2.0		37.3[<A]	37.8[<A]	35.3[<A]	33.5[<A]	33.7[<A]
Zinc	µg/g	340	340	340	5		69[<A]	118[<A]	58[<A]	58[<A]	62[<A]
Chromium, Hexavalent	µg/g	8	8	8	0.2		<0.2	<0.2	<0.2	<0.2	<0.2
Cyanide, WAD	µg/g	0.051	0.051	0.051	0.040		<0.040	<0.040	<0.040	<0.040	<0.040
Mercury	µg/g	0.24	0.27	0.27	0.10		<0.10	<0.10	<0.10	<0.10	<0.10
Electrical Conductivity (2:1)	mS/cm	0.7	1.4	0.7	0.005		3.20[>B]	2.96[>B]	1.23[C-B]	1.38[C-B]	3.13[>B]
Sodium Adsorption Ratio (2:1) (Calc.)	N/A	5	12	5	N/A		0.910[<A]	0.996[<A]	4.60[<A]	5.33[C-B]	1.27[<A]
pH, 2:1 CaCl2 Extraction	pH Units				NA		6.81	6.80	6.36	6.53	6.57

Certified By: [redacted]

AGAT Laboratories

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MISSISSAUGA, ONTARIO
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FAX (905)712-5122
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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: A Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Ag, B Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Com/Ind, C Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - RP Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

6033343-6033359 EC was determined on the DI water extract obtained from the 2:1 leaching procedure (2 parts DI water:1 part soil). pH was determined on the 0.01M CaCl2 extract prepared at 2:1 ratio. SAR is a calculated parameter.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: [redacted]

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

SAMPLING SITE:MOHAWK

ATTENTION TO: Jerome Ng

SAMPLED BY:AT

O. Reg. 153(511) - PAHs (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

				SAMPLE DESCRIPTION:		FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
				SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil
				DATE SAMPLED:		2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL	6033343	6033356	6033357	6033358	6033359
Naphthalene	µg/g	0.2	0.2	0.2	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	µg/g	0.093	0.093	0.093	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	µg/g	2.5	2.5	2.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	µg/g	6.8	6.8	6.8	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	µg/g	6.2	12	6.2	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	µg/g	0.058	0.16	0.16	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	µg/g	0.69	2.8	0.69	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	µg/g	28	28	28	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	µg/g	0.5	0.92	0.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	µg/g	7	9.4	7	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	µg/g	3.2	3.2	3.2	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	µg/g	3.1	3.1	3.1	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	µg/g	0.31	0.31	0.31	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.38	0.76	0.38	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	µg/g	0.57	0.7	0.57	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	µg/g	6.6	13	6.6	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-and 1-methyl Naphthalene	µg/g	0.096	0.59	0.59	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%				0.1	17.0	15.9	15.7	15.9	16.0
Surrogate	Unit		Acceptable Limits							
Naphthalene-d8	%		50-140			65	75	65	81	96
Acridine-d9	%		50-140			90	70	130	74	81
Terphenyl-d14	%		50-140			105	115	110	77	88

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: A Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Ag, B Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Com/Ind, C Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - RP
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

6033343-6033359 Results are based on the dry weight of the soil.
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: [redacted]

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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

O. Reg. 153(511) - PCBs (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

					SAMPLE DESCRIPTION:	FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
					SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
					DATE SAMPLED:	2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL	6033343	6033356	6033357	6033358	6033359
Polychlorinated Biphenyls	µg/g	0.35	0.78	0.35	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Moisture Content	%				0.1	17.0	15.9	15.7	15.9	16.0
Surrogate	Unit	Acceptable Limits								
Decachlorobiphenyl	%	50-140				76	76	76	80	100

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: A Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Ag, B Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Com/Ind, C Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - RP
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

6033343-6033359 Results are based on the dry weight of soil extracted.
PCB total is a calculated parameter. The calculated value is the sum of Aroclor 1242, Aroclor 1248, Aroclor 1254 and Aroclor 1260.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: [redacted]

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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

SAMPLING SITE:MOHAWK

ATTENTION TO: Jerome Ng

SAMPLED BY:AT

O. Reg. 153(511) - PHCs F1 - F4 (with PAHs and VOC) (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

					SAMPLE DESCRIPTION:	FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
					SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
					DATE SAMPLED:	2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL	6033343	6033356	6033357	6033358	6033359
F1 (C6 to C10)	µg/g				5	<5	<5	<5	<5	<5
F1 (C6 to C10) minus BTEX	µg/g	17	25	25	5	<5	<5	<5	<5	<5
F2 (C10 to C16)	µg/g	10	26	10	10	<10	<10	<10	<10	<10
F2 (C10 to C16) minus Naphthalene	µg/g				10	<10	<10	<10	<10	<10
F3 (C16 to C34)	µg/g	240	240	240	50	<50	<50	<50	<50	<50
F3 (C16 to C34) minus PAHs	µg/g	240	240	240	50	<50	<50	<50	<50	<50
F4 (C34 to C50)	µg/g	2800	3300	2800	50	<50	<50	<50	<50	<50
Gravimetric Heavy Hydrocarbons	µg/g				50	NA	NA	NA	NA	NA
Moisture Content	%				0.1	17.0	15.9	15.7	15.9	16.0
Surrogate	Unit	Acceptable Limits								
Toluene-d8	%	50-140				94	99	90	96	90
Terphenyl	%	60-140				79	69	70	82	78

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: A Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Ag, B Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Com/Ind, C Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - RP
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

6033343-6033359 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: [redacted]

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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

SAMPLING SITE:MOHAWK

ATTENTION TO: Jerome Ng

SAMPLED BY:AT

O. Reg. 153(511) - VOCs (with PHC) (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

				SAMPLE DESCRIPTION:		FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
				SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil
				DATE SAMPLED:		2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL	6033343	6033356	6033357	6033358	6033359
Dichlorodifluoromethane	µg/g	1.5	1.5	1.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	ug/g	0.02	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromomethane	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichlorofluoromethane	ug/g	0.17	0.25	0.25	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	ug/g	0.5	0.5	0.5	0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trans- 1,2-Dichloroethylene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl tert-butyl Ether	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	ug/g	0.05	0.05	0.05	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methyl Ethyl Ketone	ug/g	0.5	0.5	0.5	0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Cis- 1,2-Dichloroethylene	ug/g	0.05	0.05	0.05	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chloroform	ug/g	0.05	0.05	0.05	0.04	<0.04	<0.04	<0.04	<0.04	<0.04
1,2-Dichloroethane	ug/g	0.05	0.05	0.05	0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,1,1-Trichloroethane	ug/g	0.11	0.12	0.11	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzene	ug/g	0.02	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dichloropropane	ug/g	0.05	0.05	0.05	0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Trichloroethylene	ug/g	0.05	0.05	0.05	0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Bromodichloromethane	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl Isobutyl Ketone	ug/g	0.5	0.5	0.5	0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/g	0.05	0.05	0.05	0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Toluene	ug/g	0.2	0.2	0.2	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylene Dibromide	ug/g	0.05	0.05	0.05	0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Tetrachloroethylene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1,2-Tetrachloroethane	ug/g	0.05	0.05	0.05	0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Chlorobenzene	ug/g	0.083	0.083	0.083	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Certified By: [redacted]

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Certificate of Analysis

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

O. Reg. 153(511) - VOCs (with PHC) (Soil)

DATE RECEIVED: 2024-07-26 **DATE REPORTED: 2024-08-02**

					SAMPLE DESCRIPTION:	FBH101-SS1	FBH102-SS1	FBH103-SS1	FBH104-SS1	FBH105-SS1
					SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
					DATE SAMPLED:	2024-07-24 10:00	2024-07-24 10:30	2024-07-24 11:00	2024-07-24 11:30	2024-07-24 12:00
Parameter	Unit	G / S: A	G / S: B	G / S: C	RDL	6033343	6033356	6033357	6033358	6033359
m & p-Xylene	ug/g				0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	ug/g				0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	ug/g	0.26	0.26	0.26	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	ug/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	ug/g	3.4	6.8	3.4	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenes (Total)	ug/g	0.091	0.091	0.091	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene (Cis + Trans)	µg/g	0.05	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
n-Hexane	µg/g	2.5	2.5	2.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%				0.1	17.0	15.9	15.7	15.9	16.0
Surrogate	Unit	Acceptable Limits								
Toluene-d8	% Recovery	50-140				94	99	90	96	90
4-Bromofluorobenzene	% Recovery	50-140				86	87	87	86	85

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: A Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Ag, B Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - Com/Ind, C Refers to O. Reg. 406/19 TABLE 2.1: Full Depth Potable Ground Water Condition Volume Independent - RP
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

6033343-6033359 The sample was analyzed using the high level technique. The sample was extracted using methanol, a small amount of the methanol extract was diluted in water and the purge & trap GC/MS analysis was performed. Results are based on the dry weight of the soil.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: [redacted]

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Exceedance Summary

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

CLIENT NAME: LAFARGE CANADA INC

ATTENTION TO: Jerome Ng

SAMPLEID	SAMPLE TITLE	GUIDELINE	ANALYSIS PACKAGE	PARAMETER	UNIT	GUIDEVALUE	RESULT
6033343	FBH101-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	3.20
6033343	FBH101-SS1	ON 406/19 T2.1 IC	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	3.20
6033343	FBH101-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	3.20
6033356	FBH102-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	2.96
6033356	FBH102-SS1	ON 406/19 T2.1 IC	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	2.96
6033356	FBH102-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	2.96
6033357	FBH103-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	1.23
6033357	FBH103-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	1.23
6033358	FBH104-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	1.38
6033358	FBH104-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Sodium Adsorption Ratio (2:1) (Calc.)	N/A	5	5.33
6033358	FBH104-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	1.38
6033358	FBH104-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Sodium Adsorption Ratio (2:1) (Calc.)	N/A	5	5.33
6033359	FBH105-SS1	ON 406/19 T2.1 AG	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	3.13
6033359	FBH105-SS1	ON 406/19 T2.1 IC	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	3.13
6033359	FBH105-SS1	ON 406/19 T2.1 RP	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	0.7	3.13

AGAT Laboratories

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http://www.agatlabs.com

Quality Assurance

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

Soil Analysis

RPT Date: Aug 02, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)															
Antimony	6036230		<0.8	<0.8	NA	< 0.8	110%	70%	130%	108%	80%	120%	112%	70%	130%
Arsenic	6036230		3	3	NA	< 1	127%	70%	130%	106%	80%	120%	110%	70%	130%
Barium	6036230		59.9	58.3	2.7%	< 2.0	103%	70%	130%	101%	80%	120%	103%	70%	130%
Beryllium	6036230		0.6	0.6	NA	< 0.5	118%	70%	130%	101%	80%	120%	132%	70%	130%
Boron	6036230		<5	<5	NA	< 5	96%	70%	130%	105%	80%	120%	107%	70%	130%
Boron (Hot Water Soluble)	6036230		0.26	0.25	NA	< 0.10	107%	60%	140%	109%	70%	130%	103%	60%	140%
Cadmium	6036230		<0.5	<0.5	NA	< 0.5	100%	70%	130%	103%	80%	120%	113%	70%	130%
Chromium	6036230		18	18	NA	< 5	110%	70%	130%	101%	80%	120%	101%	70%	130%
Cobalt	6036230		6.6	6.5	1.5%	< 0.8	102%	70%	130%	107%	80%	120%	99%	70%	130%
Copper	6036230		10.3	10.3	0.0%	< 1.0	95%	70%	130%	99%	80%	120%	98%	70%	130%
Lead	6036230		10	10	0.0%	< 1	105%	70%	130%	104%	80%	120%	106%	70%	130%
Molybdenum	6036230		<0.5	<0.5	NA	< 0.5	99%	70%	130%	98%	80%	120%	96%	70%	130%
Nickel	6036230		12	13	8.0%	< 1	99%	70%	130%	102%	80%	120%	99%	70%	130%
Selenium	6036230		<0.8	<0.8	NA	< 0.8	90%	70%	130%	104%	80%	120%	118%	70%	130%
Silver	6036230		<0.5	<0.5	NA	< 0.5	110%	70%	130%	108%	80%	120%	113%	70%	130%
Thallium	6036230		<0.5	<0.5	NA	< 0.5	106%	70%	130%	104%	80%	120%	108%	70%	130%
Uranium	6036230		0.53	0.52	NA	< 0.50	112%	70%	130%	103%	80%	120%	109%	70%	130%
Vanadium	6036230		28.1	28.3	0.7%	< 2.0	127%	70%	130%	106%	80%	120%	101%	70%	130%
Zinc	6036230		44	44	0.0%	< 5	106%	70%	130%	103%	80%	120%	111%	70%	130%
Chromium, Hexavalent	6033357	6033357	<0.2	<0.2	NA	< 0.2	92%	70%	130%	88%	80%	120%	77%	70%	130%
Cyanide, WAD	6033357	6033357	<0.040	<0.040	NA	< 0.040	105%	70%	130%	107%	80%	120%	107%	70%	130%
Mercury	6036230		<0.10	<0.10	NA	< 0.10	102%	70%	130%	102%	80%	120%	110%	70%	130%
Electrical Conductivity (2:1)	6033343	6033343	3.20	3.07	4.1%	< 0.005	104%	80%	120%						
Sodium Adsorption Ratio (2:1) (Calc.)	6033343	6033343	0.910	0.949	4.2%	NA									
pH, 2:1 CaCl2 Extraction	6033112		6.28	6.49	3.3%	NA	103%	80%	120%						

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.
Duplicate NA: results are under 5X the RDL and will not be calculated.

More than 90% of the elements met acceptance limits and overall data quality is acceptable for use. For a multi-element scan up to 10% of analytes may exceed the quoted limits by up to 10% absolute.

O. Reg. 153(511) - Metals & Inorganics (Soil)															
pH, 2:1 CaCl2 Extraction	6033357	6033357	6.36	6.50	2.3%	NA	101%	80%	120%						

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.

Certified By:

[redacted]

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Quality Assurance

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

Trace Organics Analysis

RPT Date: Aug 02, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with PAHs and VOC) (Soil)															
F1 (C6 to C10)	6033237		<5	<5	NA	< 5	94%	60%	140%	93%	60%	140%	82%	60%	140%
F2 (C10 to C16)	6033357	6033357	<10	<10	NA	< 10	91%	60%	140%	108%	60%	140%	111%	60%	140%
F3 (C16 to C34)	6033357	6033357	<50	<50	NA	< 50	86%	60%	140%	103%	60%	140%	112%	60%	140%
F4 (C34 to C50)	6033357	6033357	<50	<50	NA	< 50	71%	60%	140%	84%	60%	140%	99%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Soil)															
Dichlorodifluoromethane	6033237		<0.05	<0.05	NA	< 0.05	112%	50%	140%	127%	50%	140%	138%	50%	140%
Vinyl Chloride	6033237		<0.02	<0.02	NA	< 0.02	105%	50%	140%	106%	50%	140%	113%	50%	140%
Bromomethane	6033237		<0.05	<0.05	NA	< 0.05	111%	50%	140%	117%	50%	140%	98%	50%	140%
Trichlorofluoromethane	6033237		<0.05	<0.05	NA	< 0.05	118%	50%	140%	113%	50%	140%	113%	50%	140%
Acetone	6033237		<0.50	<0.50	NA	< 0.50	104%	50%	140%	95%	50%	140%	115%	50%	140%
1,1-Dichloroethylene	6033237		<0.05	<0.05	NA	< 0.05	113%	50%	140%	100%	60%	130%	100%	50%	140%
Methylene Chloride	6033237		<0.05	<0.05	NA	< 0.05	103%	50%	140%	90%	60%	130%	97%	50%	140%
Trans- 1,2-Dichloroethylene	6033237		<0.05	<0.05	NA	< 0.05	106%	50%	140%	99%	60%	130%	97%	50%	140%
Methyl tert-butyl Ether	6033237		<0.05	<0.05	NA	< 0.05	99%	50%	140%	95%	60%	130%	102%	50%	140%
1,1-Dichloroethane	6033237		<0.02	<0.02	NA	< 0.02	101%	50%	140%	99%	60%	130%	107%	50%	140%
Methyl Ethyl Ketone	6033237		<0.50	<0.50	NA	< 0.50	101%	50%	140%	96%	50%	140%	113%	50%	140%
Cis- 1,2-Dichloroethylene	6033237		<0.02	<0.02	NA	< 0.02	106%	50%	140%	100%	60%	130%	94%	50%	140%
Chloroform	6033237		<0.04	<0.04	NA	< 0.04	97%	50%	140%	92%	60%	130%	107%	50%	140%
1,2-Dichloroethane	6033237		<0.03	<0.03	NA	< 0.03	92%	50%	140%	96%	60%	130%	97%	50%	140%
1,1,1-Trichloroethane	6033237		<0.05	<0.05	NA	< 0.05	104%	50%	140%	99%	60%	130%	100%	50%	140%
Carbon Tetrachloride	6033237		<0.05	<0.05	NA	< 0.05	108%	50%	140%	104%	60%	130%	100%	50%	140%
Benzene	6033237		<0.02	<0.02	NA	< 0.02	107%	50%	140%	102%	60%	130%	117%	50%	140%
1,2-Dichloropropane	6033237		<0.03	<0.03	NA	< 0.03	105%	50%	140%	97%	60%	130%	91%	50%	140%
Trichloroethylene	6033237		<0.03	<0.03	NA	< 0.03	96%	50%	140%	104%	60%	130%	102%	50%	140%
Bromodichloromethane	6033237		<0.05	<0.05	NA	< 0.05	92%	50%	140%	100%	60%	130%	92%	50%	140%
Methyl Isobutyl Ketone	6033237		<0.50	<0.50	NA	< 0.50	115%	50%	140%	102%	50%	140%	79%	50%	140%
1,1,2-Trichloroethane	6033237		<0.04	<0.04	NA	< 0.04	93%	50%	140%	108%	60%	130%	100%	50%	140%
Toluene	6033237		<0.05	<0.05	NA	< 0.05	99%	50%	140%	108%	60%	130%	95%	50%	140%
Dibromochloromethane	6033237		<0.05	<0.05	NA	< 0.05	85%	50%	140%	104%	60%	130%	75%	50%	140%
Ethylene Dibromide	6033237		<0.04	<0.04	NA	< 0.04	95%	50%	140%	97%	60%	130%	89%	50%	140%
Tetrachloroethylene	6033237		<0.05	<0.05	NA	< 0.05	89%	50%	140%	90%	60%	130%	97%	50%	140%
1,1,1,2-Tetrachloroethane	6033237		<0.04	<0.04	NA	< 0.04	87%	50%	140%	102%	60%	130%	83%	50%	140%
Chlorobenzene	6033237		<0.05	<0.05	NA	< 0.05	96%	50%	140%	102%	60%	130%	97%	50%	140%
Ethylbenzene	6033237		<0.05	<0.05	NA	< 0.05	90%	50%	140%	102%	60%	130%	94%	50%	140%
m & p-Xylene	6033237		<0.05	<0.05	NA	< 0.05	92%	50%	140%	104%	60%	130%	101%	50%	140%
Bromoform	6033237		<0.05	<0.05	NA	< 0.05	89%	50%	140%	106%	60%	130%	80%	50%	140%
Styrene	6033237		<0.05	<0.05	NA	< 0.05	80%	50%	140%	92%	60%	130%	84%	50%	140%
1,1,2,2-Tetrachloroethane	6033237		<0.05	<0.05	NA	< 0.05	96%	50%	140%	104%	60%	130%	102%	50%	140%
o-Xylene	6033237		<0.05	<0.05	NA	< 0.05	93%	50%	140%	101%	60%	130%	100%	50%	140%

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Quality Assurance

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

Trace Organics Analysis (Continued)

RPT Date: Aug 02, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
1,3-Dichlorobenzene	6033237		<0.05	<0.05	NA	< 0.05	82%	50%	140%	93%	60%	130%	105%	50%	140%
1,4-Dichlorobenzene	6033237		<0.05	<0.05	NA	< 0.05	84%	50%	140%	94%	60%	130%	106%	50%	140%
1,2-Dichlorobenzene	6033237		<0.05	<0.05	NA	< 0.05	83%	50%	140%	88%	60%	130%	98%	50%	140%
n-Hexane	6033237		<0.05	<0.05	NA	< 0.05	77%	50%	140%	96%	60%	130%	80%	50%	140%
O. Reg. 153(511) - PAHs (Soil)															
Naphthalene	6026427		<0.05	<0.05	NA	< 0.05	74%	50%	140%	93%	50%	140%	83%	50%	140%
Acenaphthylene	6026427		<0.05	<0.05	NA	< 0.05	80%	50%	140%	78%	50%	140%	93%	50%	140%
Acenaphthene	6026427		<0.05	<0.05	NA	< 0.05	81%	50%	140%	75%	50%	140%	103%	50%	140%
Fluorene	6026427		<0.05	<0.05	NA	< 0.05	85%	50%	140%	75%	50%	140%	95%	50%	140%
Phenanthrene	6026427		<0.05	<0.05	NA	< 0.05	87%	50%	140%	88%	50%	140%	98%	50%	140%
Anthracene	6026427		<0.05	<0.05	NA	< 0.05	71%	50%	140%	80%	50%	140%	75%	50%	140%
Fluoranthene	6026427		<0.05	<0.05	NA	< 0.05	94%	50%	140%	98%	50%	140%	83%	50%	140%
Pyrene	6026427		<0.05	<0.05	NA	< 0.05	92%	50%	140%	85%	50%	140%	80%	50%	140%
Benzo(a)anthracene	6026427		<0.05	<0.05	NA	< 0.05	92%	50%	140%	85%	50%	140%	85%	50%	140%
Chrysene	6026427		<0.05	<0.05	NA	< 0.05	102%	50%	140%	103%	50%	140%	83%	50%	140%
Benzo(b)fluoranthene	6026427		<0.05	<0.05	NA	< 0.05	97%	50%	140%	83%	50%	140%	83%	50%	140%
Benzo(k)fluoranthene	6026427		<0.05	<0.05	NA	< 0.05	83%	50%	140%	73%	50%	140%	75%	50%	140%
Benzo(a)pyrene	6026427		<0.05	<0.05	NA	< 0.05	71%	50%	140%	75%	50%	140%	90%	50%	140%
Indeno(1,2,3-cd)pyrene	6026427		<0.05	<0.05	NA	< 0.05	73%	50%	140%	98%	50%	140%	78%	50%	140%
Dibenz(a,h)anthracene	6026427		<0.05	<0.05	NA	< 0.05	84%	50%	140%	75%	50%	140%	93%	50%	140%
Benzo(g,h,i)perylene	6026427		<0.05	<0.05	NA	< 0.05	85%	50%	140%	80%	50%	140%	85%	50%	140%
O. Reg. 153(511) - PCBs (Soil)															
Polychlorinated Biphenyls	6031007		< 0.1	< 0.1	NA	< 0.1	104%	50%	140%	97%	50%	140%	94%	50%	140%

Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).

Certified By:

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QC Exceedance

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

RPT Date: Aug 02, 2024		REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Sample Id	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
			Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)										
Beryllium		118%	70%	130%	101%	80%	120%	132%	70%	130%

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.
Duplicate NA: results are under 5X the RDL and will not be calculated.

More than 90% of the elements met acceptance limits and overall data quality is acceptable for use. For a multi-element scan up to 10% of analytes may exceed the quoted limits by up to 10% absolute.

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Method Summary

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Soil Analysis			
Antimony	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Arsenic	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Barium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Beryllium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Boron	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Boron (Hot Water Soluble)	MET-93-6104	modified from EPA 6010D and MSA PART 3, CH 21	ICP/OES
Cadmium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Chromium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Cobalt	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Copper	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Lead	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Molybdenum	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Nickel	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Selenium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Silver	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Thallium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Uranium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Vanadium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Zinc	MET 93 -6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Chromium, Hexavalent	INOR-93-6068	modified from EPA 3060 and EPA 7196	SPECTROPHOTOMETER
Cyanide, WAD	INOR-93-6052	modified from ON MOECC E3015, SM 4500-CN- I, G-387	SEGMENTED FLOW ANALYSIS
Mercury	MET-93-6103	modified from EPA 7471B and SM 3112 B	ICP-MS
Electrical Conductivity (2:1)	INOR-93-6075	modified from MSA PART 3, CH 14 and SM 2510 B	PC TITRATE
Sodium Adsorption Ratio (2:1) (Calc.)	INOR-93-6007	modified from EPA 6010D & Analytical Protocol	ICP/OES
pH, 2:1 CaCl2 Extraction	INOR-93-6075	modified from EPA 9045D, MCKEAGUE 3.11 E3137	PC TITRATE

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Method Summary

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Naphthalene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acenaphthylene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acenaphthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Fluorene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Phenanthrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(a)anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Chrysene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(b)fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(k)fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(a)pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Indeno(1,2,3-cd)pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Dibenz(a,h)anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(g,h,i)perylene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
2-and 1-methyl Naphthalene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Naphthalene-d8	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acridine-d9	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Terphenyl-d14	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Moisture Content	VOL-91-5009	modified from CCME Tier 1 Method	BALANCE
Polychlorinated Biphenyls	ORG-91-5113	modified from EPA SW-846 3570 & 8082A	GC/ECD
Decachlorobiphenyl	ORG-91-5113	modified from EPA SW-846 3541 & 8082A	GC/ECD
F1 (C6 to C10)	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5009	modified from CCME Tier 1 Method	P&T GC/FID
Toluene-d8	VOL-91- 5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
F2 (C10 to C16)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F2 (C10 to C16) minus Naphthalene	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F3 (C16 to C34)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F3 (C16 to C34) minus PAHs	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F4 (C34 to C50)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID

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Method Summary

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Gravimetric Heavy Hydrocarbons	VOL-91-5009	modified from CCME Tier 1 Method	BALANCE
Terphenyl	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
Dichlorodifluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Acetone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trans- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl tert-butyl Ether	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Cis- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Toluene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Dibromochloromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS

AGAT Laboratories

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

Method Summary

CLIENT NAME: LAFARGE CANADA INC

AGAT WORK ORDER: 24T178760

PROJECT: F199507029

ATTENTION TO: Jerome Ng

SAMPLING SITE:MOHAWK

SAMPLED BY:AT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Chlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromoform	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Styrene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,3-Dichloropropene (Cis + Trans)	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
n-Hexane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Toluene-d8	VOL-91-5002	modified from EPA 5035A & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5002	modified from EPA 5035A & EPA 8260D	(P&T)GC/MS

AGAT Laboratories

Have feedback? Scan here for a quick survey!

5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
webearth.agatlabs.com

Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Report Information:

Company: Lafarge
Contact: Jerome Ng
Address: 6509 Airport Rd
Mississauga ON L4V 1S7
Phone: Fax:
Reports to be sent to:
1. Email:
2. Email:

Project Information:

Project: F199507029
Site Location: MOHAWK
Sampled By: AT
AGAT Quote #: PO: 4501839359
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☐ No ☐
Company:
Contact:
Address:
Email:

Regulatory Requirements:

(Please check all applicable boxes)

☐ Regulation 153/04
Table — *Indicate One*
☐ Ind/Com ☐ Res/Park ☐ Agriculture
Soil Texture *(Check One)* ☐ Coarse ☐ Fine

☒ Regulation 406
Table 2.1 — *Indicate One*
☒ Ind/Com ☒ Res/Park ☒ Agriculture

☐ Regulation 558
☐ CCME

☐ Sewer Use ☐ Sanitary ☐ Storm
Region
☐ Prov. Water Quality Objectives (PWQO)
☐ Other
Indicate One

Is this submission for a Record of Site Condition (RSC)? ☐ Yes ☐ No

Report Guideline on Certificate of Analysis ☐ Yes ☒ No

Legal Sample ☐

Sample Matrix Legend

GW	Ground Water	**SD**	Sediment
O	Oil	**SW**	Surface Water
P	Paint	**R**	Rock/Shale
S	Soil		

Laboratory Use Only

Work Order #: 24T178760
Cooler Quantity: 1 Ltr
Arrival Temperatures: 26.8 / 26.2 / 26.4
Depot Temperatures:
Custody Seal Intact: ☐ Yes ☐ No ☐ N/A
Notes: Bagged Ice

Turnaround Time (TAT) Required:

Regular TAT ☒ 5 to 7 Business Days
Rush TAT (Rush Surcharges Apply)
☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day
OR Date Required (Rush Surcharges May Apply):
Please provide prior notification for rush TAT
**TAT is exclusive of weekends and statutory holidays*
For 'Same Day' analysis, please contact your AGAT CSR

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC (Y/N)	O. Reg 153: Metals & Inorganics	O. Reg 153: Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	O. Reg 153: BTEX, F1-F4 PHCs	VOC	PAHs	PCBs: Arochlors ☐	O. Reg 406: Regulation 406 Characterization Package	O. Reg 406: pH, Metals, BTEX, F1-F4	O. Reg 406: EC, SAR	O. Reg 406: Regulation 406 SPLP Rainwater Leach mSPLP: ☐ Metals ☐ VOCs ☐ SVOCs ☐ OC	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	Corrosivity: ☐ Moisture ☐ Sulphide	Potentially Hazardous or High Concentration (Y/N)
1. FBH101-SS1	10:00	July 24/25 AM PM	4	S			X		X	X	X	X							
2. FBH102-SS1	10:30	AM PM					X		X	X	X	X							
3. FBH103-SS1	11:00	AM PM					X		X	X	X	X							
4. FBH104-SS1	11:30	AM PM					X		X	X	X	X							
5. FBH105-SS1	12:00	AM PM					X		X	X	X	X							
6.		AM PM																	
7.		AM PM																	
8.		AM PM																	
9.		AM PM																	
10.		AM PM																	
11.		AM PM																	

Samples Relinquished	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
[redacted]	July 25/25	5:00 pm	[redacted]		
Samples Relinquished	Date	Time		Date	Time
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time

Page 1 of 5 — 5:47 PM

Nº: T-160397

Pink Copy - Client | Yellow Copy - AGAT | White Copy - AGAT