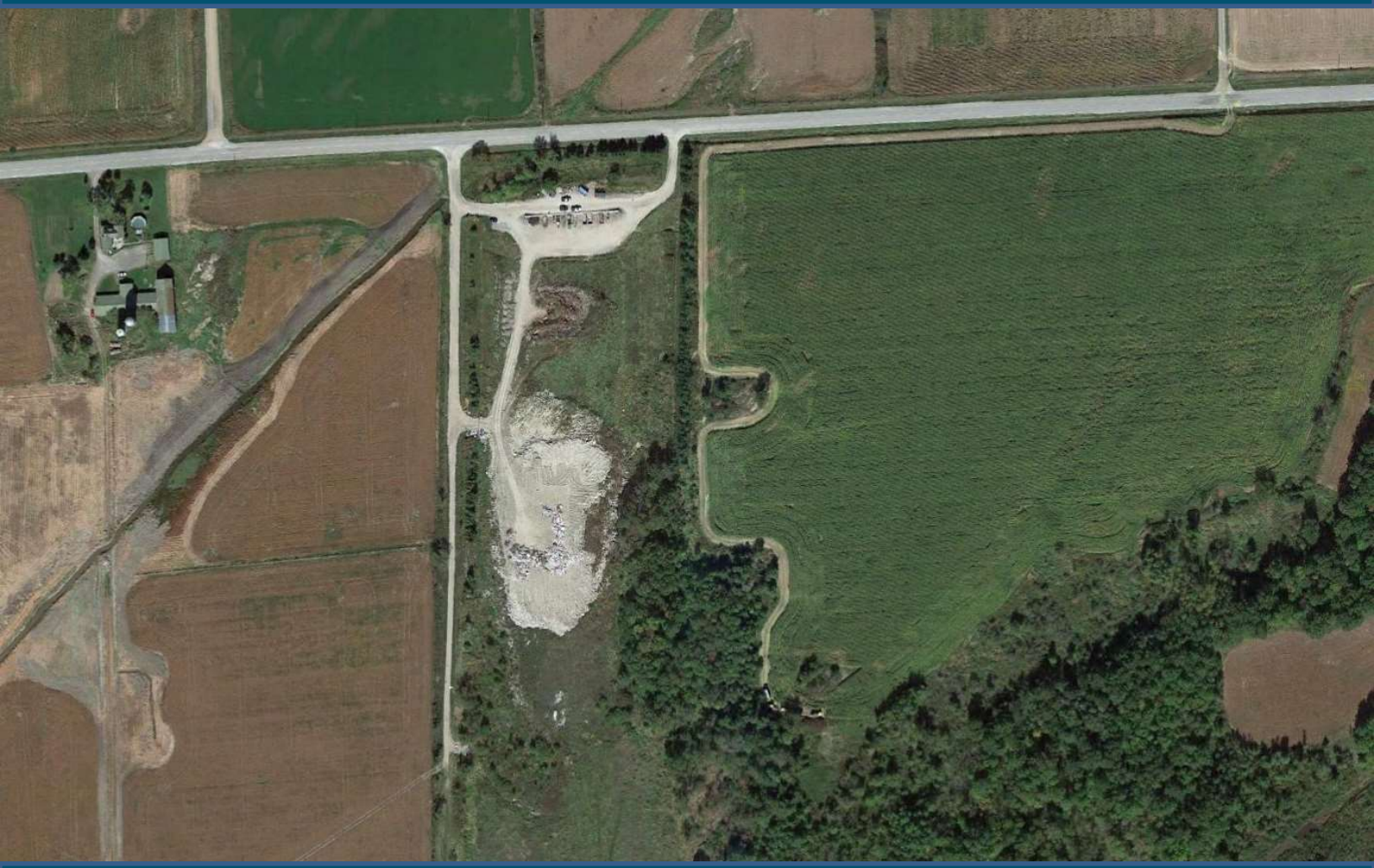
Township Of Leeds And The Thousand Islands

Lansdowne Waste Disposal Site 2024 Annual Monitoring, Development and Operations Report



MALROZ
Environmental Scientists & Engineers

ECA No. A442003
File No. 1037-143.00
Submitted: April 2025

Appendix D-Monitoring and Screening Checklist
General Information and Instructions

General Information: The checklist is to be completed, and submitted with the Monitoring Report.
Instructions: A complete checklist consists of:
(a) a completed and signed checklist, including any additional pages of information which can be attached as needed to provide further details where indicated.
(b) completed contact information for the Competent Environmental Practitioner (CEP)
(c) self-declaration that CEP(s) meet(s) the qualifications as set out below and in Section 1.2 of the Technical Guidance Document.

Definition of Groundwater CEP:
For groundwater, the CEP must have expertise in hydrogeology and meet one of the following:
(a) the person holds a licence, limited licence or temporary licence under the *Professional Engineers Act*; or
(b) the person holds a certificate of registration under the *Professional Geoscientists Act, 2000* and is a practicing member, temporary, member or limited member of the Association of Professional Geoscientists of Ontario. O. Reg. 66/08, s. 2..
Definition of Surface water CEP:
A CEP for surface water assessments is a scientist, professional engineer or professional geoscientist as described in (a) and (b) above with demonstrated experience and post-secondary education, either a diploma or degree, in hydrology, aquatic ecology, limnology, aquatic biology, physical geography with specialization in surface water, and/or water resource management.

The type of scientific work that a CEP performs must be consistent with that person's education and experience. If an individual has appropriate training and credentials in both groundwater and surface water and is responsible for both areas of expertise, the CEP may then complete and validate both sections of the checklist.

Monitoring Report and Site Information	
Waste Disposal Site Name	Lansdowne Waste Disposal Site
Location (e.g. street address, lot, concession)	365 Kidd Road South, Part Lot 12, Concession 2 Lansdowne
GPS Location (taken within the property boundary at front gate/ front entry)	0416311.6m E, 4971193.8 N, NAD 83, 18T
Municipality	Leeds and Thousand Islands
Client and/or Site Owner	The Corporation of the Township of Leeds and Thousand Islands
Monitoring Period (Year)	2024
This Monitoring Report is being submitted under the following:	
Environmental Compliance Approval Number:	A442003 (ECA)
Director's Order No.:	N/A
Provincial Officer's Order No.:	N/A
Other:	N/A

Report Submission Frequency	◉ **Annual** ○ **Other**	Specify: Submitted by April 30 of the year following the calendar year covered by the report.	
The site is: **(Operation Status)**	◉ **Open** ○ **Inactive** ○ **Closed**		
Does your Site have a Total Approved Capacity?	◉ **Yes** ○ **No**		
If yes, please specify Total Approved Capacity	264387	*Units*	Cubic Metres
Does your Site have a Maximum Approved Fill Rate?	○ **Yes** ◉ **No**		
If yes, please specify Maximum Approved Fill Rate		*Units*	
Total Waste Received within Monitoring Period (Year)	4805	*Units*	Cubic Metres
Total Waste Received within Monitoring Period (Year) *Methodology*	surveyed using an Trimble R10 GNSS		
Estimated Remaining Capacity	59166	*Units*	Cubic Metres
Estimated Remaining Capacity *Methodology*	based on proposed capacity presented in the recently submitted D&O plan		
Estimated Remaining Capacity *Date Last Determined*	January 2025		
Non-Hazardous Approved Waste Types	☐ Domestic ☐ Industrial, Commercial & Institutional (IC&I) ☐ Source Separated Organics (Green Bin) ☐ Tires	☐ Contaminated Soil ☐ Wood Waste ☐ Blue Box Material ☐ Processed Organics ☐ Leaf and Yard Waste	☐ Food Processing/Preparation Operations Waste ☐ Hauled Sewage Other: Municipal waste per O.Reg 347
Subject Waste Approved Waste Classes: Hazardous & Liquid Industrial *(separate waste classes by comma)*			
Year Site Opened *(enter the Calendar Year only)*	unknown	**Current ECA Issue Date**	June 30, 2022
Is your Site required to submit Financial Assurance?	○ **Yes** ◉ **No**		
Describe how your Landfill is designed.	◉ Natural Attenuation only ○ Fully engineered Facility ○ Partially engineered Facility		
Does your Site have an approved Contaminant Attenuation Zone?	◉ **Yes** ○ **No**		

If closed, specify C of A, control or authorizing document closure date:	
Has the nature of the operations at the site changed during this monitoring period?	○ **Yes** ◉ **No**
If yes, provide details:	Type Here
Have any measurements been taken since the last reporting period that indicate landfill gas volumes have exceeded the MOE limits for subsurface or adjacent buildings? (i.e. exceeded the LEL for methane)	○ Yes ◉ No managed by methane vents at the top of the waste mound. Conditions outside of the fill area met met the MOE limits for the subsurface.

Groundwater WDS Verification:

Based on all available information about the site and site knowledge, it is my opinion that:

Sampling and Monitoring Program Status:

1) The monitoring program continues to effectively characterize site conditions and any groundwater discharges from the site. All monitoring wells are confirmed to be in good condition and are secure:	○ **Yes** ◉ **No**	If no, list exceptions (Type Here): 15-2 was observed to be damaged (struck by farm equipment), and should be re-installed or abandoned.
2) All groundwater, leachate and WDS gas sampling and monitoring for the monitoring period being reported on was successfully completed as required by Certificate(s) of Approval or other relevant authorizing/control document (s):	○ **Yes** ◉ **No** ○ **Not Applicable**	If no, list exceptions below or attach information.

Groundwater Sampling Location	**Description/Explanation for change (change in name or location, additions, deletions)**	**Date**
11-2, 11-6	insufficient water	October 30, 2024
MW101	dry conditions	May 30 and October 30, 2024
15-2	damage to piezometer (likely from farming operations) prevented monitoring and sampling	May 30 and November 30, 2024

3) a) Is landfill gas being monitored or controlled at the site?	◉ **Yes** ○ **No**	
If yes to 3(a), please answer the next two questions below.		
b) Have any measurements been taken since the last reporting period that indicate landfill gas is present in the subsurface at levels exceeding criteria established for the site?	◉ **Yes** ○ **No**	only at methane vents, not in the wells adjacent to the waste mound.
c) Has the sampling and monitoring identified under 3(a) for the monitoring period being reported on was successfully completed in accordance with established protocols, frequencies, locations, and parameters developed as per the Technical Guidance Document: or MECP Concurrence (see report)	◉ **Yes** ○ **No** ○ **Not Applicable**	If no, list exceptions below or attach additional information.

Groundwater Sampling Location	**Description/Explanation for change (change in name or location, additions, deletions)**	**Date**
SW12, SW16	dry conditions	May 30, 2024
SW8, SW11, SW12, SW13, SW14 , SW15, SW16	dry conditions	October 30, 2024
Type Here	Type Here	Select Date
Type Here	Type Here	Select Date

4) All field work for groundwater investigations was done in accordance with standard operating procedures as established/outlined per the Technical Guidance Document (including internal/external QA/QC requirements) (Note: A SOP can be from a published source, developed internally by the site owner's consultant, or adopted by the consultant from another organization):	◉ **Yes** ○ **No**	See report for details of SOP.

Sampling and Monitoring Program Results/WDS Conditions and Assessment:

5) The site has an adequate buffer, Contaminant Attenuation Zone (CAZ) and/or contingency plan in place. Design and operational measures, including the size and configuration of any CAZ, are adequate to prevent potential human health impacts and impairment of the environment.	○ **Yes** ◉ **No**	If no, the potential design and operational concerns/exceptions are as follows (Type Here): potential B7 non compliance to the northwest and east.	
6) The site meets compliance and assessment criteria.	○ **Yes** ◉ **No**	See report for discussion of compliance criteria.	
7) The site continues to perform as anticipated. There have been no unusual trends/ changes in measured leachate and groundwater levels or concentrations.	◉ **Yes** ○ **No**	If no, list exceptions and explain reason for increase/change (Type Here):	
1) Is one or more of the following risk reduction practices in place at the site: ***(a)*** **There is minimal reliance on natural attenuation of leachate due to the presence of an effective waste liner and active leachate collection/ treatment; or** ***(b)*** **There is a predictive monitoring program in-place (modeled indicator concentrations projected over time for key locations); or** ***(c)*** **The site meets the following two conditions (typically achieved after 15 years or longer of site operation):** ***i.*** **The site has developed stable leachate mound(s) and stable leachate plume geometry/concentrations; and** ***ii.*** **Seasonal and annual water levels and water quality fluctuations are well understood.**	○ **Yes** ◉ **No**	**Note which practice(s):**	☐ **(a)** ☐ **(b)** ☒ **(c)** As discussed in report.
9) Have trigger values for contingency plans or site remedial actions been exceeded (where they exist):	○ **Yes** ○ **No** ◉ **Not Applicable**	Trigger Mechanisms to be developed at a later date following purchase of additional CAZ.	

Groundwater CEP Declaration:

I am a licensed professional Engineer or a registered professional geoscientist in Ontario with expertise in hydrogeology, as defined in Appendix D under Instructions. Where additional expertise was needed to evaluate the site monitoring data, I have relied on individuals who I believe to be experts in the relevant discipline, who have co-signed the compliance monitoring report or monitoring program status report, and who have provided evidence to me of their credentials.
I have examined the applicable Certificate of Approval and any other environmental authorizing or control documents that apply to the site. I have read and followed, as deemed appropriate for this Site in my professional judgement, the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (MOE, 2010, or as amended), and associated monitoring and sampling guidance documents, as amended from time to time. I have reviewed all of the data collected for the above-referenced site for the monitoring period(s) identified in this checklist. Except as otherwise agreed with the ministry for certain parameters, all of the analytical work has been undertaken by a laboratory which is accredited for the parameters analyzed to ISO/IEC 17025:2005 (E)- General requirements for the competence of testing and calibration laboratories, or as amended from time to time by the ministry.

The completion of this Checklist is a requirement of the MECP. As always, we rely upon the MECP to undertake a complete review the report(s) provided regarding the waste disposal site/landfill, and provide their comments and acceptance of our interpretation, conclusions and recommendations. The Checklist should in no way supersede the MECP's responsibility to undertake their complete review of our report(s) to ensure Site compliance with environmental regulations, standards and/or approvals.If any exceptions or potential concerns have been noted in the questions in the checklist attached to this declaration, it is my opinion that these exceptions and concerns are minor in nature and will be rectified for the next monitoring/reporting period. Where this is not the case, the circumstances concerning the exception or potential concern and my client's proposed action have been documented in writing to the Ministry of the Environment District Manager in a letter from me dated:

Recommendations:

Based on my technical review of the monitoring results for the waste disposal site:

◉ **No changes to the monitoring program are recommended** ○ **The following change(s) to the monitoring program is/are recommended:**	See report for discussion.
◉ **No Changes to site design and operation are recommended** ○ **The following change(s) to the site design and operation is/ are recommended:**	See report for discussion.

Name:	John Pyke, P.Geo.		
Seal:	Add Image		
Signature:		**Date:**	April 30, 2025
CEP Contact Information:	John Pyke, P.Geo.		
Company:	Malroz Engineering Inc.		
Address:	308 Wellington St., 2nd Floor, Kingston ON		
Telephone No.:	613-548-3446 ext. 34	Fax No. :	Type Here
E-mail Address:	pyke@malroz.com		
Co-signers for additional expertise provided:			
Signature:		**Date:**	Select Date
Signature:		**Date:**	Select Date

Surface Water WDS Verification:

Provide the name of surface water body/bodies potentially receiving the WDS effluent and the approximate distance to the waterbody (including the nearest surface water body/bodies to the site):

Name (s)	Unnamed Creek and drainage ditches
Distance(s)	Along Eastern, Western, Northern and Southern property boundary,

Based on all available information and site knowledge, it is my opinion that:

Sampling and Monitoring Program Status:

1) The current surface water monitoring program continues to effectively characterize the surface water conditions, and includes data that relates upstream/background and downstream receiving water conditions:	◉ Yes ○ No	See report for discussion.
2) All surface water sampling for the monitoring period being reported was successfully completed in accordance with the Certificate(s) of Approval or relevant authorizing/control document(s) (if applicable):	○ Yes ◉ No ○ **Not applicable (No C of A, authorizing / control document applies)**	If no, specify below or provide details in an attachment.

Surface Water Sampling Location	Description/Explanation for change (change in name or location, additions, deletions)	Date
SW12, SW16	insufficient water for sampling	May 30, 2024
SW8, SW11, SW12, SW13, SW14 , SW15, SW16	insufficient water for sampling	October 30, 2024

3) a) Some or all surface water sampling and monitoring program requirements for the monitoring period have been established outside of a ministry C of A or authorizing/control document.	◯ **Yes** ◉ **No** ◯ **Not Applicable**	
b) If yes, all surface water sampling and monitoring identified under 3 (a) was successfully completed in accordance with the established program from the site, including sampling protocols, frequencies, locations and parameters) as developed per the Technical Guidance Document:	◯ **Yes** ◉ **No** ◯ **Not Applicable**	If no, specify below or provide details in an attachment.

Surface Water Sampling Location	Description/Explanation for change (change in name or location, additions, deletions)	Date
SW12, SW16	insufficient water for sampling	May 30, 2024
SW8, SW11, SW12, SW13, SW14 , SW15, SW16	insufficient water for sampling	October 30, 2024
Type Here	Type Here	Select Date

4) All field work for surface water investigations was done in accordance with standard operating procedures, including internal/external QA/QC requirements, as established/outlined as per the Technical Guidance Document, MOE 2010, or as amended. (Note: A SOP can be from a published source, developed internally by the site owner's consultant, or adopted by the consultant from another organization):	◉ **Yes** ◯ **No**	See report for discussion of SOPs.

Sampling and Monitoring Program Results/WDS Conditions and Assessment:

5) The receiving water body meets surface water-related compliance criteria and assessment criteria: i.e., there are no exceedences of criteria, based on MECP legislation, regulations, Water Management Policies, Guidelines and Provincial Water Quality Objectives and other assessment criteria (e.g., CWQGs, APVs), as noted in Table A or Table B in the Technical Guidance Document (Section 4.6):	◯ **Yes** ◉ **No**

If no, list parameters that exceed criteria outlined above and the amount/percentage of the exceedance as per the table below or provide details in an attachment:

Parameter	Compliance or Assessment Criteria or Background	Amount by which Compliance or Assessment Criteria or Background Exceeded
e.g. Nickel	e.g. C of A limit, PWQO, background	e.g. X% above PWQO
Refer to Table 10 in Report	PWQO, Table A, Table B	See Report
6) In my opinion, any exceedances listed in Question 5 are the result of non-WDS related influences (such as background, road salting, sampling site conditions)?	◯ **Yes** ◉ **No**	See report for discussion: -Significant background inputs from agricultural sources, background,and road salting.

7) All monitoring program surface water parameter concentrations fall within a stable or decreasing trend. The site is not characterized by historical ranges of concentrations above assessment and compliance criteria.	◯ **Yes** ◉ **No**	If no, list parameters and stations that is outside the expected range. Identify whether parameter concentrations show an increasing trend or are within a high historical range (Type Here) See report for discussion. The site is characterized by concentrations of background above the assessment or compliance criteria.
8) For the monitoring program parameters, does the water quality in the groundwater zones adjacent to surface water receivers exceed assessment or compliance criteria (e.g. , PWQOs, CWQGs, or toxicity values for aquatic biota (APVs)):	◉ Yes ◯ No ◯ Not Known ◯ Not Applicable	If yes, provide details and whether remedial measures are necessary (Type Here): See report for discussion.
9) Have trigger values for contingency plans or site remedial actions been exceeded (where they exist):	◯ **Yes** ◯ **No** ◉ **Not Applicable**	If yes, list value(s) that are/have been exceeded and follow-up action taken (Type Here):

Surface Water CEP Declaration:

I, the undersigned hereby declare that I am a Competent Environmental Practitioner as defined in Appendix D under Instructions, holding the necessary level of experience and education to design surface water monitoring and sampling programs, conduct appropriate surface water investigations and interpret the related data as it pertains to the site for this monitoring period.
I have examined the applicable Certificate of Approval and any other environmental authorizing or control documents that apply to the site. I have read and followed, as deemed appropriate for this Site in my professional judgement, the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (MECP, 2010, or as amended) and associated monitoring and sampling guidance documents, as amended from time to time. I have reviewed all of the data collected for the above-referenced site for the monitoring period(s) identified in this checklist. Except as otherwise agreed with the ministry for certain parameters, all of the analytical work has been undertaken by a laboratory which is accredited for the parameters analysed to ISO/IEC 17025:2005 (E)- General requirements for the competence of testing and calibration laboratories, or as amended from time to time by the ministry.
The completion of this Checklist is a requirement of the MECP. As always, we rely upon the MOE to undertake a complete review the report(s) provided regarding the waste disposal site/landfill, and provide their comments and acceptance of our interpretation, conclusions and recommendations. This Checklist should in no way supersede the MECP responsibility to undertake their complete review of our report(s) to ensure compliance with environmental regulations, standards and approvals.
If any exceptions or potential concerns have been noted in the questions in the checklist attached to this declaration, it is my opinion that these exceptions and concerns are minor in nature or will be rectified for future monitoring events. Where this is not the case, the circumstances concerning the exception or potential concern and my client's proposed action have been documented in writing to the Ministry of the Environment District Manager in a letter from me dated:

Recommendations:

Based on my technical review of the monitoring results for the waste disposal site:

◉ **No Changes to the monitoring program are recommended** ○ **The following change(s) to the monitoring program is/are recommended:**	no changes, see report
◉ **No changes to the site design and operation are recommended** ○ **The following change(s) to the site design and operation is/are recommended:**	no changes, see report

CEP Signature	
Relevant Discipline	Professional Geologist with relevant experience and training.
Date:	April 30, 2025
CEP Contact Information:	John Pyke, P.Geo.
Company:	Malroz Engineering Inc.
Address:	308 Wellington St., 2nd Floor, Kingston ON
Telephone No.:	613-548-3446 ext. 34
Fax No. :	Type Here
E-mail Address:	pyke@malroz.com

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Notice To Reader

This document has been prepared by Malroz Engineering Inc. (Malroz) on behalf of the Township of Leeds and the Thousand Islands (TLTI), in fulfilment of Condition 6(6) of Amended Environmental Compliance Approval No. A442003.

Malroz has relied upon TLTI staff to provide historic data upon which the current data interpretation and conceptual understanding of the Site are partially based. Malroz accepts no responsibility for the integrity of the data provided by TLTI or for missing data. Any third-party use or reliance of this report, or decisions made based on this report, are the responsibilities of the third party. Malroz accepts no responsibility for damages suffered by any third party as a result of decisions made or actions taken based on the contents of this report.

This document has been prepared for TLTI for submission to the Ministry of Environment, Conservation and Parks (Ministry) as required by the ECA. Unauthorized re-use of this document for any other purpose, or by third parties without the express written consent of Malroz shall be at such party's sole risk.

This page is an integral part of this document and must remain with it at all times.

Respectfully Submitted,

MALROZ ENGINEERING INC.

LICENSED PROFESSIONAL ENGINEER
2025-04-30
R. D. FOX
100539418
PROVINCE OF ONTARIO

PROFESSIONAL GEOSCIENTIST
JOHN ROBERT PYKE
PRACTISING MEMBER
1855
ONTARIO

per: Ryan Fox, P.Eng.
Environmental Engineer

and: John Pyke, P.Geo.
Project Manager

LICENSED PROFESSIONAL ENGINEER
2025-04-30
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and: Paula R. Klink, P. Eng.
Senior Environmental Engineer

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1.0 Introduction

The Lansdowne waste disposal site (the Site) operates under Amended Environmental Compliance Approval (ECA) No. A442003, issued by the Ministry of Environment, Conservation and Parks (Ministry), and dated June 20, 2022 (Appendix C).

The Site is located at 530 Eden Grove Road (also known as County Road 34 and King Street West), west of the Village of Lansdowne, in the Township of Leeds and the Thousand Islands (TLTI) (Figure 1, Appendix A). In accordance with the ECA, a monitoring, development, and operations report (AMR) is to be completed annually and submitted to the District Manager by April 30 of the following calendar year.

Malroz Engineering Inc. (Malroz) was retained by TLTI to conduct the semi-annual monitoring of the groundwater and surface water, and report on the development and operations of the Site. This document presents the methodology, results and interpretation related to the monitoring and sampling program conducted at the Site in 2024. This report was prepared on behalf of the TLTI, using data collected by Malroz and other available information provided by TLTI staff.

1.1 Ownership and Key Personnel

The Site is owned and maintained by the Corporation of the Township of Leeds and the Thousand Islands. Key Contacts for the Site are as follows:

Municipal Contact

David Holliday
Director of Operations
1233 Prince Street, P.O. Box 280
Lansdowne, Ontario, K0E 1L0
613-659-2415 ext. 211
Directoroperations@townshipleeds.on.ca

Environmental Professional Contact

John Pyke, P.Geo.
Project Manager
308 Wellington St.
Kingston, Ontario, K7K 7A8
613-548-3446 ext. 34
pyke@malroz.com

2.0 Background

The geology, hydrogeology, physiography, and hydrology of the Site are based on a review of collected data, including site observations and previous reports on investigations at the Site by Malroz, previous consultants, and TLTI staff.

2.1 Description of Site

The Site is located on Part of Lot 12, Concession 2, in the former Township of Lansdowne. Geodetic coordinates for the Site benchmark are as follows (2013 Site survey):

Zone :	NAD 83, 18T
Easting :	0416311.6 m (+/- 0.5 m)
Northing:	4971193.8 m (+/- 0.5 m)

The Site has an approved waste volume of 264,387 m^3 (excluding final cover) and is actively landfilling non-hazardous waste materials from within TLTI. The current Site property boundary and fill area is shown on Figure 2 (Appendix A).

2.2 Geological Setting

Based on available borehole logs, field observations, previous reports, and mapping from the Ontario Department of Mines (1964), the bedrock in the vicinity of the Site is comprised of granite and syenite. The site is heavily glaciated, with overburden on and surrounding the site ranging from bedrock outcrops to greater than 13.9 metres thick.

The overburden appears to be a mixture of clay and silty clay based on the borehole logs from wells installed in 2017, 2018, 2019, and 2021. In some areas of the site, a thin (<2.5 m thick) layer of sand was observed between the clay and bedrock. A thicker layer of sand was observed at MW106 and MW203 which extended from 8.5 to 13.9 metres below grade (mbg). Depth to bedrock ranges from greater than 13.9 mbg to bedrock outcrops. A bedrock ridge is located along the eastern property boundary before the eastern Contaminant Attenuation Zone (CAZ) area. Bedrock is also observed at or near surface within the north watercourse at the northwest corner of the property and again at the northeastern extent of the CAZ.

2.3 Hydrogeological Setting

Groundwater at the site is split into two units, overburden and bedrock, which appear to have some hydrogeologic connection. Upward vertical hydraulic gradients are observed to the immediate east of the landfill, indicating bedrock groundwater may discharge to

the overburden. Downward vertical hydraulic gradients are observed at monitoring well nests to the north and far east of the landfill and indicate recharge of the bedrock in these areas.

Overburden groundwater flow is generally easterly with some components towards the northeast and southeast, and mounding around the waste pile. Groundwater flow in the shallow bedrock aquifer appears to be towards the east as well.

2.4 Surface Water Features

The Site represents a local topographic high. The surface water at the Site generally follows topography, flowing away from the waste mound towards drainage ditches located north, south, east, and west of the site. The drainage ditches to the west and east of the site flow north and join the ditch along the south side of Eden Grove Road (County Road 34), which flows eastwards (Figure 2, Appendix A).

Southwest of the Site, surface water drains into a swale which transports water south to the adjacent low-lying area where surface water flowing from south of the Site joins the swale. Surface water leaving this area flows east and then northeast via an un-named creek (Figure 2, Appendix A). The creek drains into the ditch located along the south side of Eden Grove Road (County Road 34) at surface water station SW13.

2.5 Environmental Compliance Requirements

Inspections must be carried out at least twice per year. A groundwater and surface water sampling program including analysis for parameters in Tables 1 and 2 of the ECA is completed in the spring and in the fall, refer to Appendix C.

2.6 Complaints

TLTI reported no complaints were received related to Site operations.

2.7 Ministry Communication

No written communication was received from the Ministry regarding the Site in 2024.

Meetings regarding reclaiming some of the space in the existing landfill area occurred in 2024, and ten test pits were advanced in the older area of the site with Ministry personnel on site to observe. The report summarizing the test pitting is included in Appendix E, and photos 13 through 20 in Appendix D document this work. Additional consultations with the Ministry will occur before the project is undertaken.

3.0 Development and Operations

In accordance with the ECA, the Site is actively landfilling solid non-hazardous waste. The Site also accepts recycling materials, large electric appliances, and metals for bulking and subsequent transfer off-site. No liquid industrial or hazardous wastes are accepted.

3.1 Waste Disposal Site Description

The Site operates under amended ECA A442003, which permits a 4.9 hectare waste disposal and transfer site a total site area of 22.4 hectare including 12.7 hectare of contamination attenuation zone (CAZ) and 3.7 hectare of buffer lands for disposal of municipal non-hazardous waste, transfer station for accepting cans, plastics, scrap metal, tires, paper, cardboard, electronics, and non-refrigerant white goods and composting of leaf and yard waste (Figure 2, Appendix A, and Appendix C). The approved waste volume is 264,387 m^3 (excluding final cover).

TLTI purchased an additional 50 metre buffer to the east of the site (approximately 3.7 ha), and the groundwater rights to an additional 12.7 ha beyond the eastern buffer (Figure 2, Appendix A). These lands were registered-to-title as a Contaminant Attenuation Zone (CAZ) on June 2, 2017.

The Site relies on natural attenuation and is graded to minimize ponding and surface water contacting the waste pile. Storm water is managed by swales located at property boundaries. Landfill gas management is conducted via three gas vents located in the waste fill area. Photos of the Site are presented in Appendix D.

3.2 Site Access

The Site can be accessed by Eden Grove Road (County Road 34).

3.3 Service Area and Population

Lansdowne is one of three active waste disposal sites serving TLTI (along with the Escott and Briar Hill Landfills). The site receives waste from a curbside pickup program for the town of Lansdowne, and from residents who drop off waste at the site. Only waste that is generated within the boundaries of the TLTI is accepted at the Site. According to the 2021 census, the population of the TLTI was 9,804 (StatCan, 2021).

3.4 Site Operation

The Site operates Monday, Tuesday, Thursday, Friday, and Saturday from 8:30 am to 4:30 pm when a Site Attendant who inspects incoming waste loads for compliance is on

duty. No waste is received at the Site outside those hours of operation. The entrance and exit gates are locked during non-operating hours.

In 2024, seven loads were refused at the site because the waste originated outside the township, three loads were refused due to improper cells, and two loads were refused because they were too large.

Site inspections are carried out during each day of operation by the Site Attendant, and records of these inspections are included in Appendix F. Notable observations in 2024 include:

- birds, cats, racoons, and/or vultures on several occasions,
- people repeatedly putting recyclables in wrong bin,
- people not dumping waste in the appropriate area, and
- people found at the dump before and after operational hours.

On October 5, a resident filed a complaint because he was not allowed to dump his pickup full of construction waste because he had a household tag rather than a pick-up tag.

Litter around the Site is picked up regularly by the Site Attendants.

No spills or emergencies, as described by condition 5 of the ECA, occurred at the Site in 2024.

The Site relies on natural attenuation, with no engineered systems for leachate collection or storm water management.

3.5 Phasing of Site Usage

Waste is received at the waste transfer station in the north portion of the site. Waste is placed by residents in labelled transfer bins from an adjacent built-up platform. Bins are then transported by staff to the active waste face and deposited using an area-fill method. Waste is compacted using a compactor and covered bi-weekly.

Active filling is currently occurring on the northern edge of the Site as shown in Figure 2 (Appendix A).

3.6 Record Keeping

Field notes and Site records are maintained at the Township offices, located at 1233 Prince Street, Lansdowne, Ontario. Daily site inspections are conducted by the TLTI

staff on days when the landfill was open to the public. Inspection results are recorded on daily field sheets which are included in Appendix F.

3.7 Waste Diversion

Recycling bins are maintained on site to divert material including metals from the landfill. Tire drop-offs are accepted, as well as white goods (drained of refrigerant prior to acceptance). These items are also transferred from the Briar Hill and Escott Landfills. Removal and processing of the recycling materials is completed by Environmental 360 Solutions Inc. at their facility in Napanee, Ontario.

Burning waste at the Site is not permitted. Clean wood and brush deposited at the Site are chipped on-site using a tub-grinder and deposited onto the waste mound as interim cover.

3.8 Remaining Site Capacity

The maximum volumetric capacity approved for the Site is 264,387 m^3. This volume includes the waste, daily cover, and intermediate cover. Based on a survey completed December 9, 2024, the remaining capacity is approximately 59,116 m^3, when including the older portions of the site and excluding the final cover. The survey identified approximately 205,271 m^3 of waste, daily, and intermediate cover deposited.

As discussed in 2.7 Correspondence with the Ministry, consideration of options for reclaiming this capacity are ongoing.

4.0 Site Surveillance, Monitoring, and Sampling Program Scope

The surveillance, monitoring, and sample programs are conducted in accordance with the monitoring plan pursuant to Section 8 of the Site's ECA (Appendix C).

4.1 Site Surveillance

Site inspections are conducted during sampling events. These inspections include a check of operational compliance with the ECA including signage, Site Attendants, hazardous or liquid wastes, vermin, vectors, litter, dust, brush and clean wood burning, and interim cover. In addition, observations of general site conditions including drainage, surface water, condition of landfill cap, seeps, and onsite structures are noted.

4.2 Well Inspection

Well inspections are undertaken during each sampling event. These inspections include a visual inspection of accessible portions of the well piezometer, monument casing, cap, lock, and well seal. Wells were assigned one of the following conditions:

Poor – Well integrity is compromised and the well requires repair.

Fair – Well exhibits some minor deficiencies; however, well integrity is not compromised.

Good – The well is in good condition with no obvious signs of damage.

Wells that require attention are reported to the Project Manager for repairs. Observations are summarized in Table 1 (Appendix B).

4.3 Groundwater Monitoring Program

Prior to sampling, each well is monitored for depth to water, depth to well bottom, and combustible gas vapours. During purging of groundwater, visual and olfactory observations are noted and recorded.

Groundwater sampling was conducted using dedicated Waterra tubing equipped with a foot-valve. Prior to sampling, three to five well volumes of groundwater were purged from each well or, wells were pumped dry three times. At the completion of purging, water quality was monitored using a Horiba multi-parameter instrument for temperature, pH, dissolved oxygen, oxidizing/reducing potential, conductivity, and turbidity. Low flow sampling techniques using a peristaltic pump are undertaken to reduce impacts from entrained sediments in wells. Low flow sampling is incorporated whenever per-/polyfluoroalkyl substances (PFAS) or Volatile organic compounds (VOC) samples are collected. Including wells 11-1, 11-2, 11-4, MW105, MW106, MW107, and MW203. The drinking water well samples are collected from a pre-treatment tap at 572 Eden Grove Road (County Road 34), and 379 Eden Grove Road (County Road 34).

Samples intended for metals analyses were field-filtered using a disposable 0.45-micron inline filter. Samples were collected into new laboratory prepared sample bottles and submitted to Caduceon Environmental Laboratories (Caduceon) for analyses.

Methane concentrations were calculated based the difference between full gas response and responses in methane elimination mode using an RKI Eagle 2 combustible gas indicator.

As detailed in Schedule B of the amended ECA (Appendix C), the groundwater monitoring plan consists of sixteen shallow monitoring wells (11-1, 11-2, 11-3, 11-4, 11-6, 11-7, 91-1, 91-3, 91-4, 15-1 (formerly 03-2), 15-2, MW101, MW103, MW105, MW106, MW202), six bedrock wells (MW102, MW104, MW107, MW201, MW203, and MW301), and two drinking water wells (572 Eden Grove Road) tested for lab and field parameters. Wells 11-1, 11-2, 11-4, M105, MW106, MW107 and MW203 are sampled via low flow methods using a peristaltic pump.

VOCs are analysed in years ending in 3 or 8, thus were not analyzed in 2024.

Shallow background levels are characterized by wells 11-4 and MW103, and compliance is evaluated at 11-1, 91-1, 91-3, 15-1, 15-2, MW105, MW106, and MW202. Bedrock background levels are characterized by well M102, and compliance is evaluated at wells M104, MW201, MW203, and MW301.

The monitoring and sampling plan is summarized in Appendix C.

4.4 Surface Water Monitoring Program

The surface water monitoring program includes collecting samples at surface water sampling stations located in the north watercourse (SW4, SW6 – voluntary, SW8, SW12, SW14, and SW16) and the south watercourse (SW1, SW11, SW13 and SW15) (Figure 2, Appendix A). Station SW1 is used as the background station. Surface water station locations (UTMs) and observations are summarized in Table 2 (Appendix B).

4.5 Compliance Criteria and Leachate Indicator Parameters

Groundwater and surface water monitoring results are conducted on a semi-annual basis in the spring and fall, in accordance with the ECA. The current monitoring plan for the Site uses the Ontario Drinking Water Standards (ODWS) and the Ministry B-7 Reasonable Use Policy to evaluate groundwater conditions and compliance. Provincial Water Quality Objectives (PWQO) and the Table A: Assessment Criteria for Waste Disposal Sites and Table B: Alternative Review Criteria (MOE 2010) are used as reference criteria to evaluate surface water conditions and compliance.

Potential, core, and compliance leachate indicator parameters (LIPs) have been identified for the site as follows:

- Potential LIPs: alkalinity, aluminum, barium, chloride, cobalt, conductivity, DOC, magnesium, potassium, sodium, TDS, and Total Kjeldahl Nitrogen (TKN).

- Core LIPs: ammonia, boron, cobalt, DOC, hardness, iron, manganese, sulphate, strontium.
- Compliance LIPs: boron, DOC, hardness, iron, manganese, sulphate, and PFAS.

4.6 Data Quality Evaluation

Two duplicate samples and two field blanks (one for metals and general chemistry, one for PFAS) were collected during both the spring and fall sampling programs. The duplicates showed good agreement, and the field blanks supported clean sampling practices. Results are presented in Tables 4 to 6, Appendix B.

Caduceon Environmental Laboratories conducted the analyses for the groundwater and surface water samples and ALS Limited (ALS) conducted the PFAS analyses. Caduceon and ALS are Canadian Association for Laboratory Accreditation (CALA) accredited laboratories that uses MECP recognized methods to conduct laboratory analyses. ALS conducted PFAS analyses using MECP recognized methods (E3533 and E3457).

4.7 Deviations from the Monitoring Plan

Malroz followed the Monitoring Plan (Appendix C), with the following variations:

- 11-2 and 11-6 were not sampled in the fall as they were observed to be dry.
- 11-2 was not sampled for PFAS in the spring due to sampling error.
- 379 Eden Grove Road was neither sampled in the spring nor fall as permission to sample the well was not obtained.
- SW16 were not sampled in the spring as it was observed to be dry.
- SW16, SW12, SW14, SW11, and SW13 were not sampled in the fall as they were observed to be dry.
- 15-5 was damaged, and options for replacement or repair are ongoing (this well incurs damage possibly due to agricultural equipment).

5.0 Inspection Results

Site inspections were undertaken by Malroz during the 2024 sampling events. Site photographs of sampling locations are presented in Appendix D.

5.1 Site Inspection

Wind blown litter and gulls were noted during the spring and fall sampling events. Ponded water at the site was observed.

Site Inspection logs are found in Appendix G.

5.2 Well Inspection

Monitoring wells at the Site were observed to comply with O. Reg. 903 with the exception of 15-2 which appears to have been struck by agricultural equipment. Other wells require additional evaluation or maintenance in 2025: the top of well casing at 11-4 is damaged (i.e., the hinges are broken), the well casing at 11-6 has shifted so the casing lid does not properly close, and well MW107 has casing damage.

Results of well inspections are summarized in Table 1 (Appendix B).

5.3 Methane

Headspace combustible vapours were monitored in monitoring wells during each sampling event using measurements from a combustible gas indicator equipped with a methane elimination switch. Methane concentrations were calculated as the difference in concentration between full gas response and methane elimination response.

Methane concentrations are summarized in Table 3, Appendix B. Methane concentrations were generally reported as no measurable response or less than 1% of the lower explosive limit (LEL) in the monitoring wells during each monitoring event.

Methane concentrations were detected in the methane vent on top of the historical landfill with the following measurements:

- North methane vent: 1% (spring) and 4% (fall) of the LEL.
- North methane vent: 16% (spring) and 3% (fall) of the LEL.
- North methane vent: 78% (spring) and >100% (fall) of the LEL.

Elevated methane concentrations are a byproduct of anaerobic decomposition of organic compounds (in this case anticipated to be waste, but in other locations this may be associated with naturally occurring organic matter). Caution should be exercised when undertaking work within the former and active fill areas as methane gas may accumulate in the soil. Concentrations approaching/or in excess of 100% LEL indicate that explosive conditions may be encountered.

6.0 Groundwater Monitoring Program Results

Groundwater was sampled in accordance with the monitoring plan (Appendix C) except for the deviations noted above. The Site has both shallow and deep wells.

6.1 Groundwater Flow

Groundwater elevation contours for both flow in overburden and bedrock were interpolated based on depth to water measurements and well elevations. Results are presented in Figures 3 and 4 (Appendix A).

Shallow groundwater elevation monitoring indicates radial flow predominantly towards the east (Figure 3, Appendix A), similar to previous analyses. As discussed in previous reports, a general upward vertical gradient near the surface water bodies suggests shallow groundwater is discharging to surface water. Drainage ditches to the north, west, and east of the Site, as well as the southern seasonally wet area may be influencing groundwater flow direction and acting as an intercept for leachate.

Bedrock groundwater elevation monitoring indicates predominantly easterly flow from the currently active waste fill sites (Figure 4, Appendix A), similar to previous analyses.

6.2 Groundwater Quality

Results for the 2024 groundwater chemical analyses are presented in Tables 4 to 7 (Appendix B). Laboratory certificates of analysis are provided in Appendix H, and historical results are provided in Appendix I.

6.2.1 Shallow Groundwater

Shallow groundwater sample analysis results are found in Table 4 (Appendix B), with historical results in Appendix I. PFAS results are in Table 6 (Appendix B).

Analyzed parameters in the shallow groundwater are evaluated at leachate impacted well 11-2, and 11-3. Compliance well 11-1 evaluates compliance in the north. Southern compliance wells 91-1, 15-1, 91-3, and 15-2 evaluate compliance in the western CAZ. Eastern compliance wells MW106, MW202, and MW105 evaluate compliance in the eastern CAZ. Wells 11-4 and MW103 are used for background concentrations.

- Boron concentrations from background wells MW103 and 11-4 were reported to be significantly below the ODWS. Leachate impacted wells were reported to be approximately five times lower than the ODWS, but were elevated when compared to the background wells. Analytic results from compliance wells north

of the site were an order of magnitude lower than the leachate impacted wells. The concentrations from the southern compliance wells in the Western CAZ and the eastern compliance wells had boron concentrations below the ODWS and leachate impacted wells, but above the background wells.

- The background well reported DOC concentrations above the ODWS, as did the leachate impacted wells 11-2 and 11-3 (fall only). North compliance well 11-1, which indicates compliance in the north, was elevated in the spring compared to the fall, but both results were below the OWDS. MW202 and MW105 (also in the north CAZ) reported results below the OWDS. In the Eastern CAZ, compliance well MW106 concentration exceeded the ODWS in both the spring and the fall. Compliance well 15-1 exceeded the OWDS concentration in the Western CAS in both the spring and the fall, but 91-1 and 91-3 were below the OWDS.
- Analytical results from all shallow wells exceeded the OWDS for hardness. Samples from the leachate wells 11-2 and 11-3 had concentrations similar to background and the ODWS, as in prior years. North compliance well 11-1 in the eastern CAZ reported concentrations above the ODWS, and seems to be trending higher since 2014. This trend seems unrelated to the leachate levels.
- The leachate impacted wells 11-2 and 11-3 reported iron concentrations similar to the background levels, and below the ODWS. Elevated iron concentrations were observed in north compliance well 11-1, consistent with prior years, and following trend similar to hardness. North compliance well 15-1, south compliance well 91-3, and east compliance well MW106 (dry in the fall) reported iron concentrations above the OWDS.
- Background well MW103 reported manganese concentrations below the ODWS; however manganese concentrations at background well 11-4 exceeded the ODWS. The leachate impacted wells 11-2 and 11-3 exceeded the ODWS for manganese, as did northern compliance well 15-1 and southern compliance well 91-3. Generally, concentrations of remaining wells were similar to background and below the OWDS.
- None of the shallow groundwater analysis results exceeded the ODWS for sulphate. Background well MW103 and leachate impacted wells 11-3 and 11-2 (dry in the fall) reported similar concentrations of sulphate.
- Leachate well 11-2 exceeded the MECP Drinking Water Screening Values for the sum of all perfluorinated chemicals, and Heath Canada PFAS screening values for perfluorohexanoic acid (PFHxA), perfluorooctanoic acid (PFOA) and perfluoropentanoic acid (PFPeA) in the spring; the well was dry in the fall.

Eastern compliance well MW106 reported concentrations above the MECP Drinking Water Screening Value for the sum of all perfluorinated chemicals.

- Compliance well MW106 also exceeded the Drinking Water Screening Values for the sum of all reported PFAS compound concentrations. Sample analyses results from compliance wells MW105 and MW202 are below guideline criteria.

Elevated levels of other parameters over criteria include alkalinity, TDS, chloride, and barium were noted in most wells, including background wells 11-4 and MW103.

6.2.2 Deep Groundwater Observations

Bedrock groundwater sample analysis results are found in Table 5 (Appendix B), with historical results in Appendix I. PFAS results are in Table 6 (Appendix B).

Analyzed parameters in the deep groundwater aquifer are evaluated at leachate impacted well MW107 and compliance wells MW104, MW201, MW203, and MW301 in the Eastern CAZ. Residential wells at 379 and 572 Eden Grove Road are also used to evaluate compliance. MW102 represents background conditions in the deep groundwater aquifer.

- Wells in the deep groundwater aquifer reported concentrations of boron below the ODWS. Leachate well MW107 reported concentrations of boron less than half of the OWDS. Eastern compliance well MW203 reported boron concentrations four times lower than leachate well MW107, and eastern compliance well MW203 reported concentrations slightly above the background well MW102 and north compliance well MW104 in the spring. Residential well 572 Eden Grove Road reported concentrations below the ODWS and above the background well.
- Background well MW102 (spring), leachate impacted well MW107, and compliance well MW203 (fall) analyses exceeded the OWDS for DOC. North compliance well MW104, east compliance well MW301, and residential well 572 Eden Grove Road analysis results were below the OWDS for DOC.
- All wells in the deep groundwater aquifer exceeded the OWDS for hardness. North compliance well MW104 and background well MW102 reported hardness concentrations half of the leachate impacted well MW107. The east compliance well concentrations MW201, MW203 and MW301 reported concentrations below the background well concentration at MW102.
- North compliance well MW104 and east compliance well MW201 (spring only)

analyses reported iron concentrations above the OWDS. Iron concentration results in leachate impacted well MW107 were less than those from background well MW102. Eastern compliance wells MW201 (fall only), MW203, and MW301 analyses were below the OWDS and background well MW102. 572 Eden Grove Road exceeded the ODWS for iron in the fall.

- Background well MW102 analysis showed the highest concentration of manganese (about 5 times higher than the ODWS). Eastern compliance wells MW201, MW203 (spring only), and MW301, as well as northern compliance well MW104, analysis reported concentrations above the ODWS. Leachate impacted well MW104 reported concentrations slightly above the ODWS in the spring, and below the standard in the fall. Residential well 572 Eden Grove Road exceeded the OWDS for manganese in both the spring and the fall.
- The concentration in the leachate impacted well MW107 was an order of magnitude above the other wells for sulphate, and exceeded the ODWS in the fall. Other concentrations were below the OWDS and background well MW102. Residential well 572 Eden Grove Road was below the OWDS for sulphate in both the spring and the fall.
- Health Canada PFAS Screening Values were exceeded in the leachate impacted deep well MW107 for Perfluorohexanoic acid (PFHxA), Perfluorooctanoic acid (PFOA), and perfluoropentanoic acid (PFPeA). Compliance well MW203 analyses reported the presence of PFAS. The sum of all reported PFAS component concentrations exceeds the Ministry Drinking Water Screening Values for Perfluorinated Chemicals for leachate impacted well MW107 and eastern compliance well MW203.

Elevated levels of other parameters exceeding the ODWS including TDS, aluminium, sodium, and uranium were noted.

Activities in this area include road salting, agricultural land use, and seasonally wet low-lying areas that may influence the groundwater chemistry. Additionally, the Site geochemistry is complex and variable, impacting the ability to differentiate landfill leachate impacts from other non-landfill related sources. As discussed in previous reports, PFAS assists as a leachate indicator over the existing Core LIPs given the high degree of background chemical variability in the area and potential background masking of impacts.

Based on the analysis above, the existing and proposed CAZ lands remain appropriate for maintaining the compliance of the site with the RUP.

7.0 Surface Water Monitoring Program

The surface water monitoring program was conducted in accordance with the monitoring plan (Appendix C).

7.1 Surface Water Flow

A wetland is located sought of the site, with north-easterly flow to small streams that meet the roadside ditch along the south side of County Rd 34 (Figure 2, Appendix A).

The northern portion of the property drains to smaller drainage ditches, located parallel to the east and west edges of the landfill, which flow into the roadside ditch along the south side of County Rd 34 (Figure 2, Appendix A). Groundwater is inferred to discharge to these ditches, based on the ditch depths, bedrock elevations, and groundwater elevations at the site.

7.2 Surface Water Quality

Results for the 2024 surface water chemical analyses are presented in Table 7 (Appendix B). Laboratory certificates of analysis are provided in Appendix H, and historical results are found in Appendix I.

Compliance LIPs for surface water north of the site are characterized by samples from background station SW6, and downstream compliance stations SW4, SW8, SW12, SW14, and SW16. Compliance LIPs for surface water south of the site are characterized by samples from background station SW15, and downstream stations SW1, SW11, and SW13.

- Analysis of boron showed all stations reported concentrations at approximately one half of the PWQO, and well below the Table A: Assessment Criteria for Waste Disposal Sites, and Table B: Alternative Review Criteria for boron. Samples in the fall reported higher concentrations results lower than samples in the spring.
- South watercourse compliance station SW13 at the easternmost edge of the east CAZ reported higher concentrations of DOC than the upstream compliance stations SW11 and SW1. Downstream compliance stations SW4, SW8, SW12, SW14, and SW16 analyses reported concentrations lower than background

station SW6.

- Hardness analyses showed samples from onsite station SW8 reported higher concentrations than the other sites in the spring. West CAZ station SW4 reported concentrations similar to background levels measured at SW6 for surface water to the north of the site. South compliance stations SW1 reported concentrations below those of background station SW15. Concentrations at compliance station SW11 (between background well and SW1) reported higher concentrations than both of those stations, similar to compliance station SW13, easternmost end of the east CAZ.
- Iron concentrations at background station SW6 were reported above the PWQO and Table A: Assessment Criteria for Waste Disposal Sites during both sampling events. Iron concentrations at north watercourse compliance stations SW4, SW8, SW12, SW14, and SW16 reported concentrations below the background level the PWQO and Table A: Assessment Criteria for Waste Disposal Sites. Iron concentrations at the south watercourse compliance stations SW1, SW11, and SW13 were reported to be above the PWQO and all above the Table A: Assessment Criteria for Waste Disposal Sites.
- Manganese concentrations reported at background station SW15 were reported lower than concentrations at the compliance stations SW11, SW1, and SW13. Compliance station SW1, located between SW11 and SW13, reported significantly higher concentrations of manganese than the other stations in the south watercourse. The compliance stations in the north watercourse reported higher concentrations than background station SW6 in the spring, and lower in the fall. No PWQOs or Table A Criteria are set for manganese.
- Sulphate concentrations at all stations were below the Table A: Assessment Criteria for Waste Disposal Sites. In the north watercourse, compliance station SW4 reported a concentration half that of on-site station SW4 in the spring. Both stations reported concentrations above the background station SW6. Compliance station SW13 at the east end of the east CAZ reported the highest concentration of stations in the south stream in the spring, similar to station SW11, located near background station SW15. Compliance station SW1 (located between SW11 and SW13) reported concentrations lower than background station SW15.

Samples collected from the downstream sampling locations reported similar or lower concentrations to the samples collected from the background sampling locations, inferring that the elevated boron, iron, manganese, and sulphate concentrations could be naturally occurring. In our opinion the surface water program continues to

adequately monitor downstream of the WDS.

8.0 Reasonable Use Policy/Guideline B-7 Assessment and Action Plan

Additional groundwater CAZ lands were proposed to the east as shown on Figure 2. Further monitoring in 2024 indicates that the proposed CAZ remains appropriate, Including additional lands to the east may be advisable. We understand that the Township is working through the process of obtaining the CAZ lands.

The ECA requires that the Site follow the MECP Guideline B-7 Incorporation of the Reasonable Use Concept into MOEE Groundwater Management Activities to assess groundwater quality under the Reasonable Use Policy (RUP). Reasonable Use Limits (RULs) have been calculated for the analyzed parameters with corresponding ODWS for the overburden and bedrock aquifers and have been included in Tables 4 and 5, Appendix B.

Northern Property Boundary

Exceedances of the shallow RULs at the north compliance well MW105 are limited to alkalinity, TDS, hardness, and barium. Analyses showed that no PFAS was detected above the reporting limit. Groundwater analytical data suggests that leachate is not migrating past the northern watercourse, and that leachate is discharging to the surface water, as discussed in previous AMRs. Therefore, the northern extent of the property is in compliance with the RUP, and surface water monitoring will be used to monitor ongoing compliance.

Eastern Property Boundary

Exceedances of the shallow RULs at the eastern compliance well MW106 are limited to alkalinity, DOC, hardness, TDS, barium, iron, and manganese. Exceedances of the deep RULs at MW203 are limited to alkalinity, DOC, and hardness. Based on the presence of PFAS at both MW106 and MW203, exceedances of the RULs may be leachate related and the Site is not in compliance with the B-7 reasonable use policy at its eastern border.

Compliance well MW301 (installed in July 2021), the eastern most well within the proposed CAZ, did not exceed the RULs. PFAS was above detection limits in 2023 and 2024, though the compound detected (6:2 Fluorotelomer sulfonic acid (6:2 FTS)) met the Health Canada Screening Value and was neither detected in the leachate well nor

any other well and, as such, may not be related to the landfill. This compound was not detected in residential well 572 Eden Grove Road. With the further proposed CAZ lands our interpretation is the site would be compliant with the RUP.

Northeastern Property Boundary

Exceedances of the shallow RULs at the northeastern extent of the property (MW202) have been reported for alkalinity, TDS, hardness, and barium. Exceedances of the deep RUL (MW201) are limited to alkalinity (spring), TDS, DOC, sodium, arsenic (fall), and uranium. PFAS analyses at these wells do not indicate leachate impacts. Exceedances of the RULs at this location are anticipated to be related to background conditions. The site is compliant with the RUP on the northeastern border.

Northwestern Property Boundary

Exceedances of the overburden RULs at the northwestern extent of the property (11-3) have been reported for alkalinity, TDS, DOC (fall), hardness, and manganese. Exceedances of the RULs may be related to landfill leachate. Based on our understanding of the groundwater/surface water interaction at the Site (see previous AMRs), impacts are not anticipated to extend beyond the northern watercourse to the northwest of the Site.

Western Property Boundary

Compliance on the western property boundary is evaluated by residential well 572 Eden Grove Road. Exceedances of the RUL include TDS, chloride, hardness, and manganese in the spring (permission to test was not granted in the fall). PFAS analyses at this well does not indicate leachate impacts. Exceedances of the RULs at this location are anticipated to be related to background conditions. The site is compliant with the RUP on the western border.

Southern Property Boundary

Exceedances of the RUL in the shallow wells to the south of the property (91-3 and 15-1) have been reported for alkalinity (15-1), TDS (15-1), DOC (15-1), hardness, iron, and manganese. Most of these parameters are expected to be related to background and/or agricultural activities. Groundwater in this vicinity is expected to discharge to the adjacent surface water body, therefore, the surface water monitoring program plays an important role in monitoring impacts and evaluating compliance. In our opinion the site meets the RUP along the southern portion of the boundary.

The purchase of additional CAZ to the east of the existing CAZ is underway. When purchased as indicated on Figure 2, the site would be in compliance with guideline B-7. Further monitoring and evaluation of this compliance will be completed through 2025.

9.0 Conclusions and Recommendations

The Lansdowne Site is an active waste disposal site and transfer station which accepts non-hazardous solid waste, operating in compliance with the ECA. We offer the following conclusions for consideration:

- The site has an estimated remaining capacity of potentially 59,116 m^3. Initial plans to reclaim some of this capacity are underway, including discussions with the Ministry .
- Monitoring wells were observed to be in good to fair condition and in compliance with O. Reg. 903/90, with the exception of 15-2. Repair or replacement of this well will be evaluated in 2025.
- Results of the PFAS analyses indicate non-compliance with the B-7 Reasonable Use Policy at the eastern boundary of the east CAZ, though in compliance at monitoring well MW301 and residential well 379 Eden Grove Road.
- Groundwater impacts to the south of the site are expected to discharge to the nearby wetland and southern drainage feature. Compliance to the south is determined by the surface water monitoring program.

Potential leachate impacts to the surface water appear to be limited within the site boundaries and the monitoring network. Leachate impacts may be masked by background loading of a number of indicator parameters. Concentrations of leachate indicators in downstream surface water stations do not appear to be leachate-related based on the surface water evaluation.

The following recommendations are provided for the Lansdowne WDS monitoring program:

- Purchase of the proposed lands to the northwest and to the east as indicated on Figure 1 Appendix A to extend the CAZ.
- After CAZ land purchase is complete, remove monitoring wells 11-6 and 11-7 from the sampling program as monitoring wells MW106, MW203, and MW301 characterize groundwater quality in the east.
- Remove monitoring well 91-4 from the sampling program as monitoring wells 91-

1, 15-1, 15-2, and 91-3 provide coverage to the southwest.

- Remove monitoring wells MW104 and MW105 from the sampling program as delineation can be provided by monitoring wells MW201, MW202, and MW301.
- Remove 379 Eden Grove Road and 391 Eden Grove Road from the sampling plan based on results from 2021-2024 at MW301.
- Pending review of historic results, reduce the VOC sampling program to wells11-2, 11-3, and MW107 which are leachate wells or near to the waste mound (next sampling proposed for 2028).

All monitoring wells will remain part of the monitoring program and their necessity for continuation of use or abandonment per regulation 903 will be evaluated in the future.

10.0 References

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Ministry of the Environment, Conservation and Parks (2022), Surface water review summarized in “Memorandum: 2020 AMR and Closure Plan, Lansdowne Waste Disposal Site”.

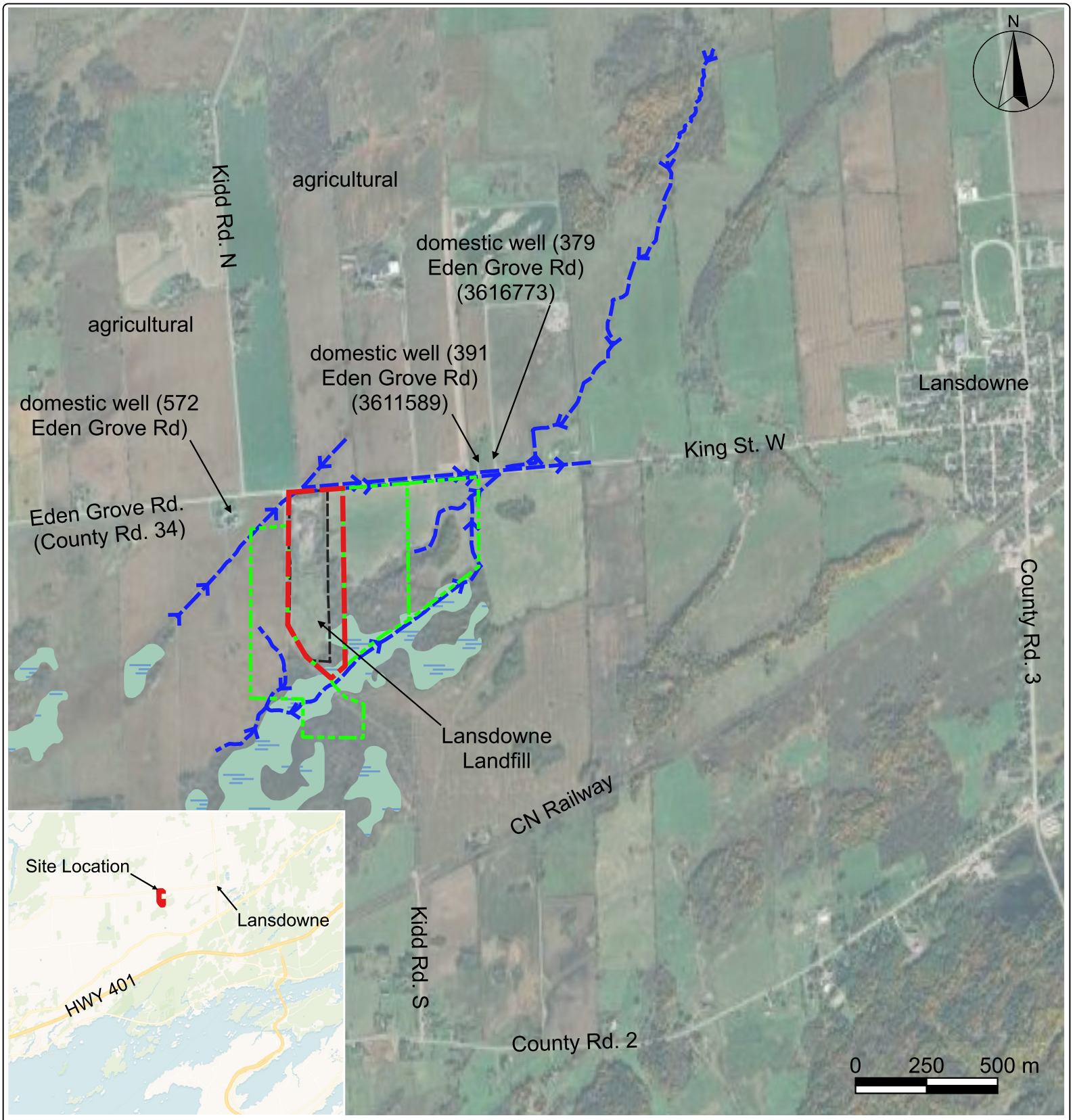
Ministry of the Environment, Conservation and Parks (July 25, 2017). Drinking Water Screening Values for Perfluorinated Chemicals in Private Drinking Water Sources.

Ministry of the Environment (2016), Guideline B-7: Incorporation of the Reasonable Use Concept into MOEE Groundwater Management Activities.

Ontario Drinking Water Standards (ODWS) from Ontario Regulation 169/03 of the Safe Drinking Water Act (2002). Last amendment: O. Reg. 373/15.

Appendix A

Figures



Legend

- approximate property boundary
- approximate contaminant attenuation zone (CAZ)
- approximate fence line
- approximate stream location
- wetlands

Rev	Date	Description	By	Chkd
R0	2025-04-29	issued in final	TV	RF

Site Location Plan

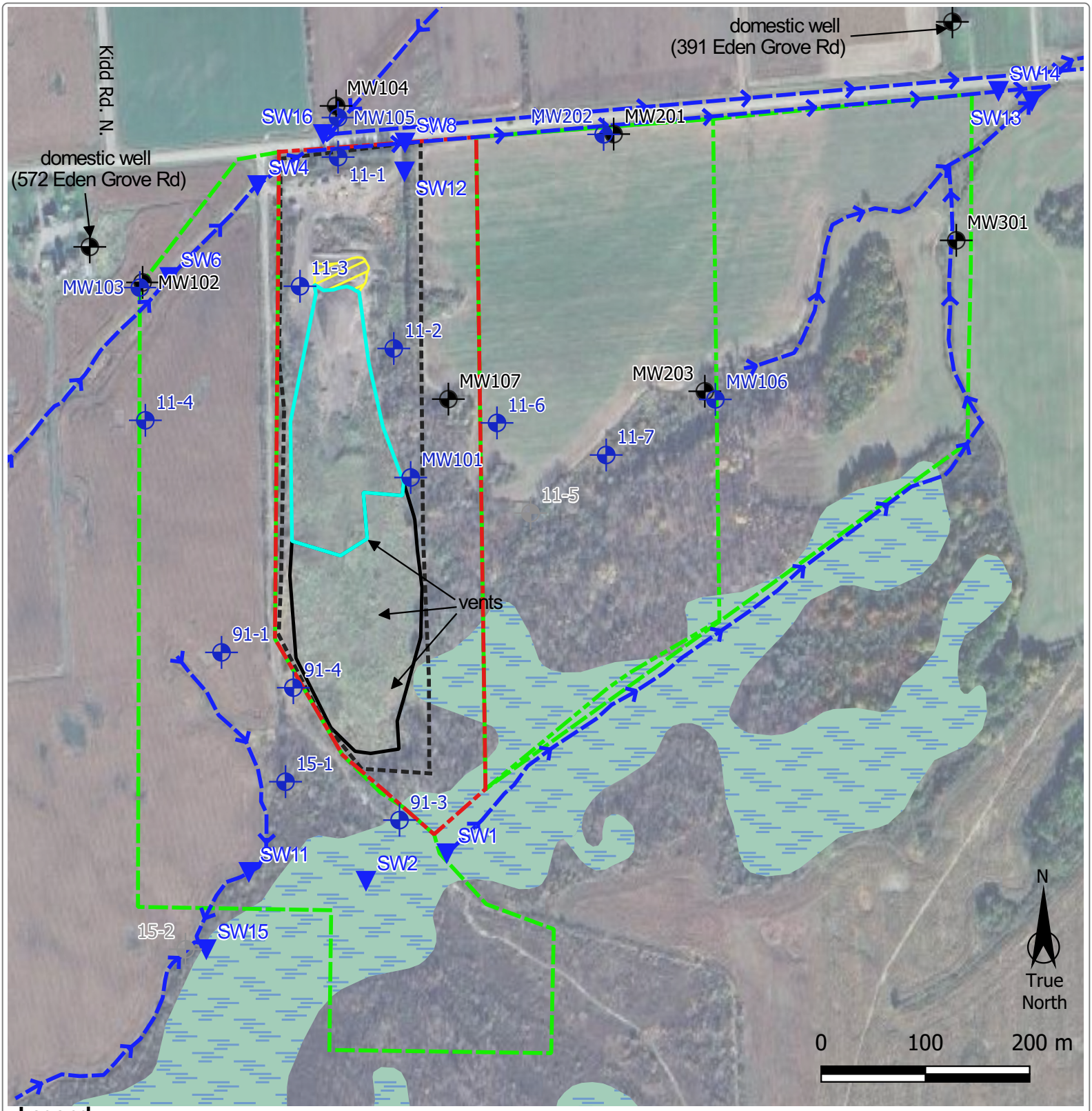
2024 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-143

Figure 1

MALROZ

Data Sources: Figure based on Malroz field observations and Google Earth imagery.



Legend

- approximate property boundary
- approximate CAZ
- approximate fence line
- approximate working face
- approximate area of waste with interim cap
- approximate area of waste with final cap
- stream
- wetlands
- shallow monitoring well
- deep monitoring well
- damaged/destroyed monitoring well
- surface water station

Data Sources: Figure based on Malroz field observations and Google Earth imagery.

Rev	Date	Description	By	Chkd
R0	2025-04-29	issued in final	TV	RF

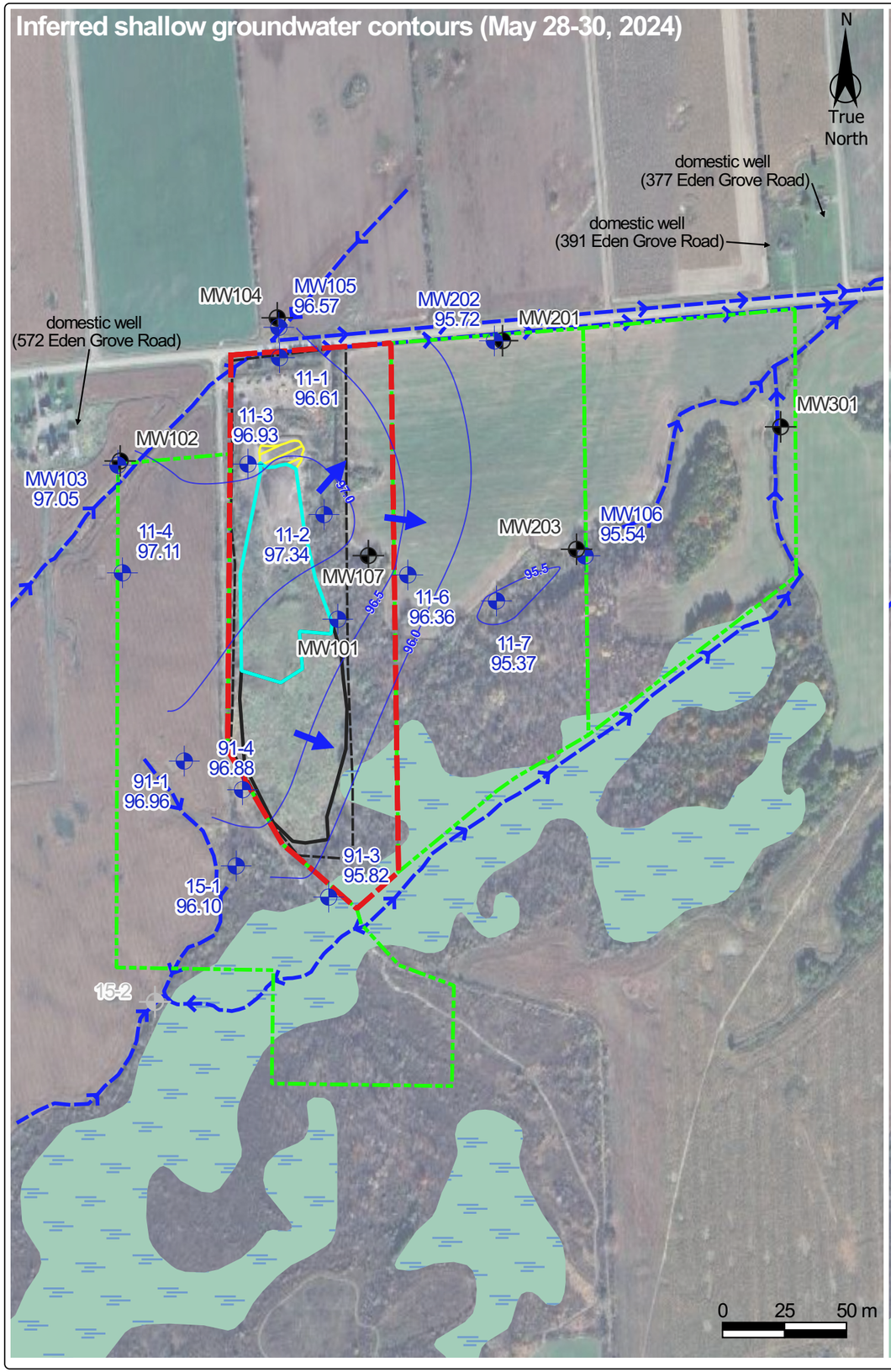
Site Plan

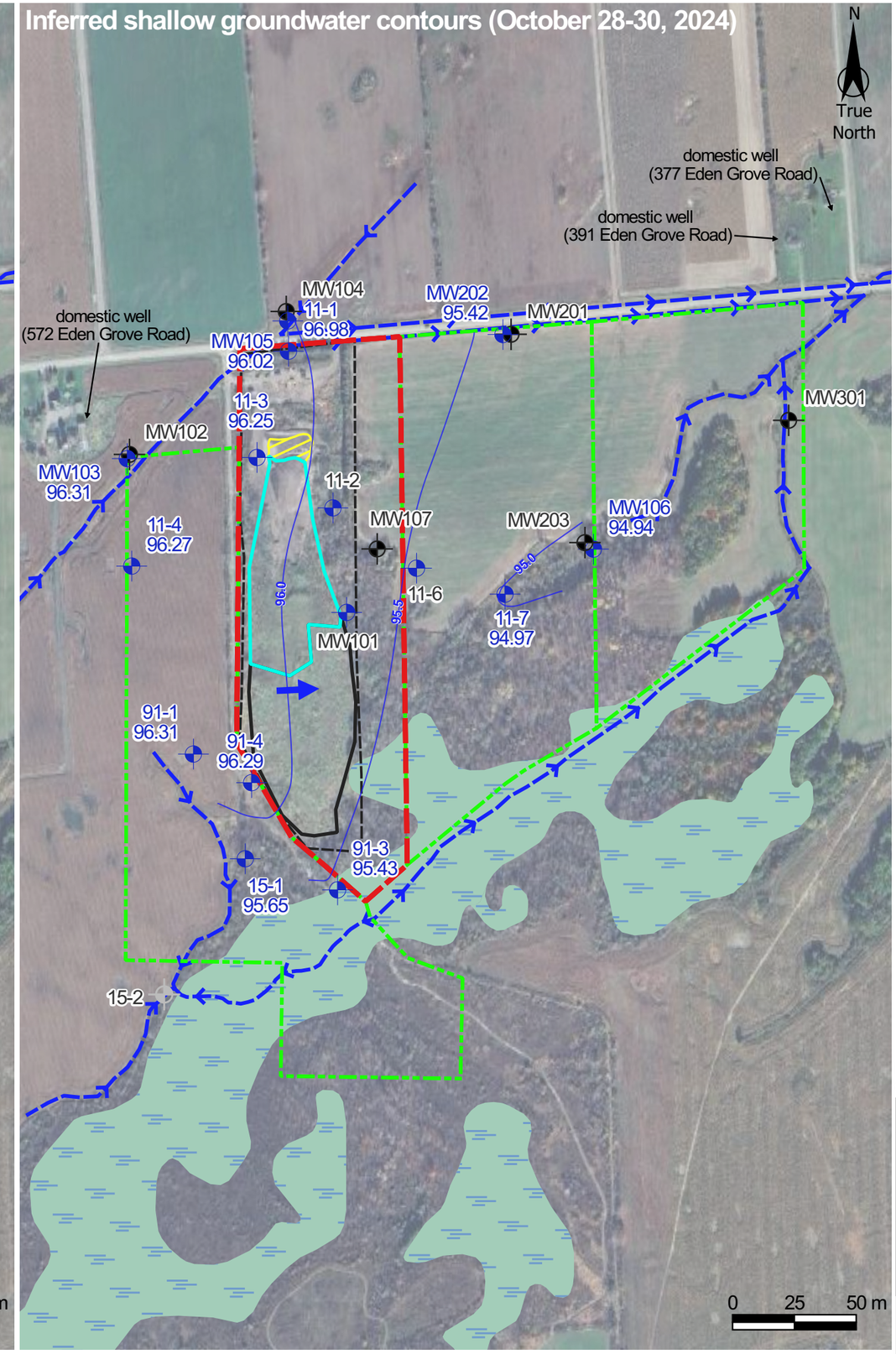
2024 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-143

Figure 2

MALROZ





Legend

- approximate property boundary
- approximate contamination attenuation zone (CAZ)
- approximate active waste area
- approximate fence line
- stream
- wetlands
- deep monitoring well location and groundwater elevation
- shallow monitoring well location and groundwater elevation
- destroyed monitoring well
- approximate area of waste with interm cap
- approximate area of waste with final cap
- inferred groundwater contours (0.5 m intervals)
- inferred direction of groundwater flow

Data Sources: Figure based on Malroz field observations and Google Earth imagery.

Rev	Date	Description	By	Chkd
R0	2025-04-29	issued in final	TV	RF

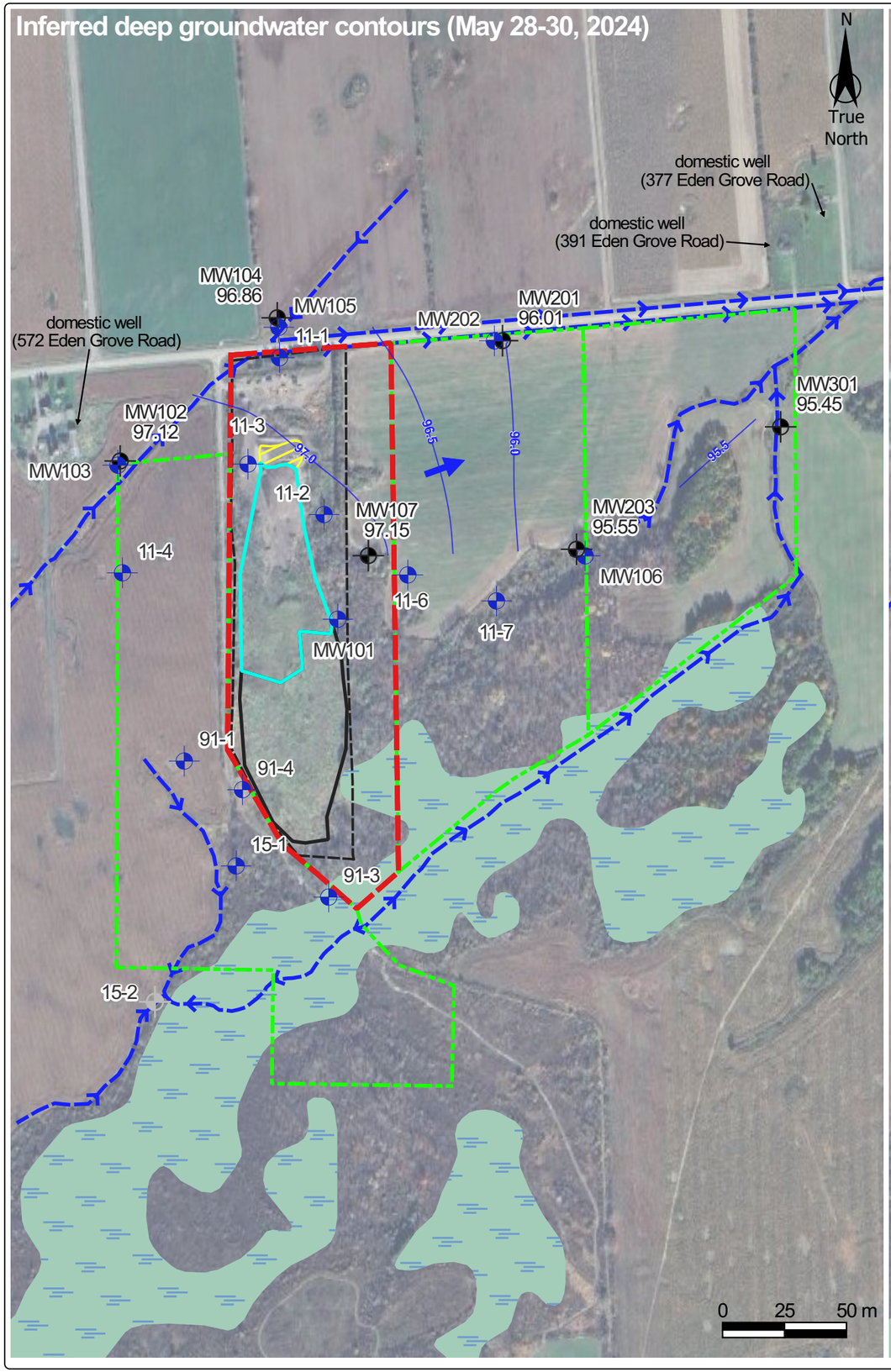
Inferred Shallow Groundwater Contours

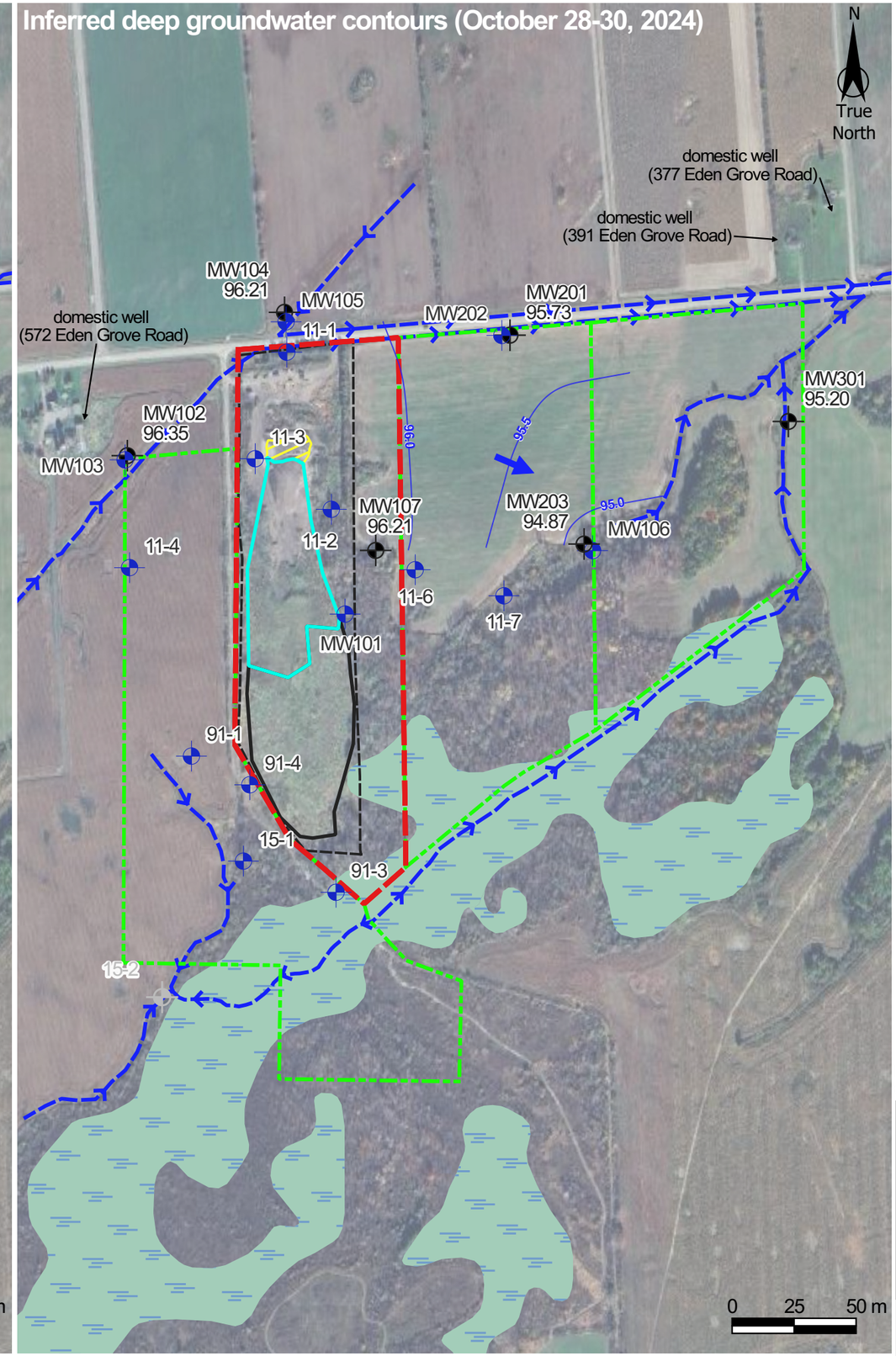
2024 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-143

Figure 3

MALROZ





Legend

- approximate property boundary
- approximate contamination attenuation zone (CAZ)
- approximate active waste area
- approximate fence line
- stream
- wetlands
- deep monitoring well location and groundwater elevation
- shallow monitoring well location and groundwater elevation
- destroyed monitoring well
- approximate area of waste with interm cap
- approximate area of waste with final cap
- inferred groundwater contours (0.5 m intervals)
- inferred direction of groundwater flow

Data Sources: Figure based on Malroz field observations and Google Earth imagery.

Rev	Date	Description	By	Chkd
R0	2025-04-29	issued in final	TV	RF

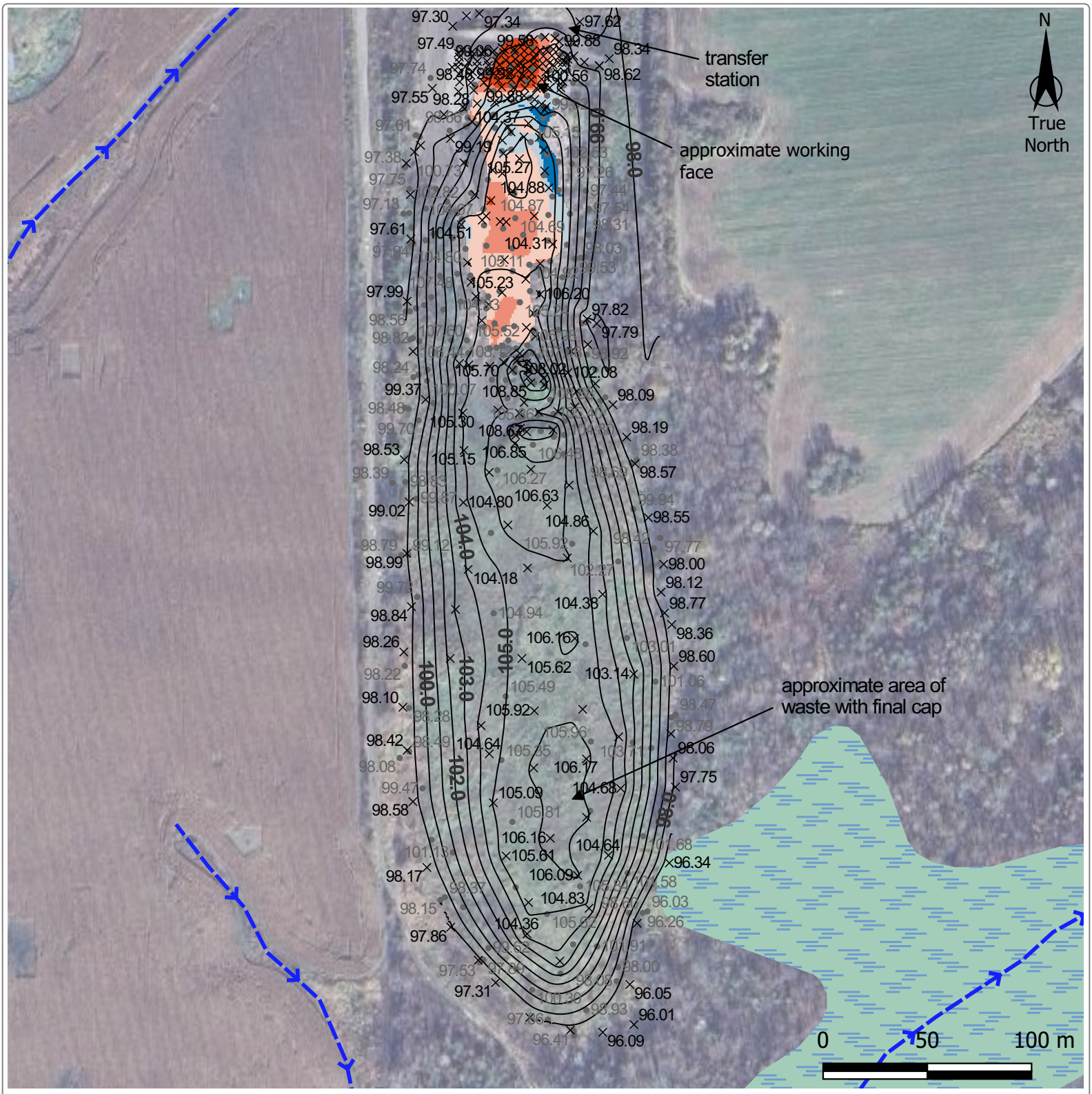
Inferred Deep Groundwater Contours

2024 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-143

Figure 4

MALROZ



Legend

- waste contour (2024)
- × capacity survey point and elevation (2024)
- • capacity survey point and elevation (2023)
- stream
- wetlands

Current Waste Mound Compared to 2023 Waste Mound

- less than 1.5 m below 2023 contour
- 1.5 to 0.5 m below 2023 contour
- 0.5 to 0 m below 2023 contour
- 0 to 0.5 m above 2023 contour
- 0.5 to 1.5 m above 2023 contour
- greater than 1.5 m above 2023 contour

Data Sources: Figure based on Malroz field observations and Google Earth imagery. Waste contours digitally interpolated based on Malroz survey data.

Rev	Date	Description	By	Chkd
R0	2025-04-29	issued in final	ZL	SG

Remaining Landfill Capacity (2024)

2024 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-143

Figure 5

MALROZ

Appendix B

Tables

Table 1
Well Inspection

Location	Coordinates (NAD83, Zone 18T) [1] Northing	Easting	Well Type Protective Casing	Well Construction Material	Well Integrity [2] Locked	Capped	Condition [3]	Well Observations [2]
11-1	4917187	416382	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
11-2	4917006	416430	Steel Above Ground	50 mm schedule 40 PVC	Y	Slip cap	Good	-
11-3	4917061	416343	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
11-4	4916942	416184	Steel Above Ground	50 mm schedule 40 PVC	N	Slip Cap	Fair	Top of well casing is damaged, possibly due to agricultural equipment.
11-6	4916938	416521	Steel Above Ground	50 mm schedule 40 PVC	N	Slip Cap	Fair	Casting has shifted, well intake pipe is too tall for casing lid to properly close.
11-7	4916895	416617	Steel Above Ground	50 mm schedule 40 PVC	Y	Slip Cap	Good	-
15-1	4916609	416336	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
15-2	4916427	416234	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Poor	Appeared to have been run over by a agricultural equipment (repair/replacement being investigated).
91-1	4916714	416268	Steel Above Ground	32 mm schedule 40 PVC	Y	J-plug	Good	-
91-3	4916564	416427	Steel Above Ground	32 mm schedule 40 PVC	N	J-Plug	Good	-
91-4	4916670	416341	Steel Above Ground	32 mm schedule 40 PVC	N	J-Plug	Good	-
MW101	4916881	416447	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW102	4917088	416178	Steel Above Ground	38 mm schedule 40 PVC	Y	J-Plug	Good	-
MW103	4917088	416177	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW104	4917233	416371	Alum Flush with Grade	38 mm schedule 40 PVC	Y	J-Plug	Good	-
MW105	4917232	416371	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW106	4916976	416743	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW107	4916965	416479	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Fair	Well casing has damage.
MW201	4917222	416640	Steel Above Ground	38 mm schedule 40 PVC	Y	J-Plug	Good	-
MW202	4917222	416639	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW203	4916977	416742	Steel Above Ground	50 mm schedule 40 PVC	Y	J-Plug	Good	-
MW301	4917113	416984	Steel Above Ground	38 mm schedule 40 PVC	Y	J-Plug	Good	-

Notes: [1] Coordinates based on survey data obtained from Malroz Engineering on December 2, 2019 using a Trimble R10 GNSS, except for MW105 and MW106 which were completed in 2024
[2] Well inspection completed on May 28-30, 2024 and October 28-30, 2024
[3] Well conditions ranked as good (no maintenance required), fair (minor maintenance required), poor (requires maintenance or abandonment)
\- not applicable

Data Input: TV
Data Check: PRK

Table 2
Surface Water Station Observations

Location	Coordinates (NAD 83, Zone 18T) [1] Northing (m)	Easting (m)	Flow Conditions 2024-05-28 to 30	2024-Oct-30	Notes
SW1	4916518	416491	lentic	lentic	Located on the downstream side of the drainage feature flowing northeast from the marshy area south of the waste fill area. This location is downstream of the potentially impacted marsh south of the fill area.
SW4	4917168	416314	lotic	lentic	Located on the upstream (western) side of the culvert running under Kidd Road south. This location is downstream of the swale flowing northeast into the ditch along the southern side of County Road 34. Waters from SW4 flow into the County Road 34 ditch and east towards SW8.
SW6	4917066	416218	lotic	lentic	Located in the field on the west side of the Site. Water flows northeast and is upstream of SW4.
SW8	4917808	416459	lentic	dry	Located in the drainage ditch along the southern side of County Road 34 at the northeast property boundary of the Site. The location is on the downstream (eastern) side of the culvert flowing under the exit to the Site. SW8 is downstream of SW4, SW12 and SW16.
SW11	4916509	416302	lentic	insufficient water to sample	Located in the marshy area south of the Site upstream of SW1 and SW2 and downstream of SW15.
SW12	4917177	416455	dry	dry	Located in the drainage ditch running north-south along the eastern property boundary of the Site. Waters from SW12 flow north towards SW8 and into the ditch along County Road 34.
SW13	4917252	417054	lotic	insufficient water to sample	Located in the southern watercourse to the east of the landfill, downgradient from the south wetland and SW1. Located prior to confluence of north and south watercourses.
SW14	4917263	417059	lotic	dry	Located in the ditch running along the southern edge of County Road 34. SW14 is located upstream of the confluence of the southern and the northern watercourses. SW14 is downstream from SW4, SW8, SW12 and SW16. SW14 also receives waters discharged from the tile drain system located east of the Site
SW15	4916390	416219	lentic	insufficient water to sample	Located in the marshy area south of the Site upstream of SW1, SW2 and SW11. SW15 is intended to represent background surface water quality for the southern surface water stations.
SW16	4917220	416380	dry	dry	Located on the northern side of County Road 34 on the upstream (northern) side of the culvert running north-south under County Road 34. SW16 is intended to represent background surface water conditions for the northern portion of the Site and is upstream of SW8.

Notes: [1] Surface water station locations recorded using a handheld GPS unit

Data Input: PRK
Data Check: RF

Table 3
Groundwater Monitoring Results

Location	DTW (mbTOP)	DTB (mbTOP)	TOP Elevation (masl) [1]	Grade Elevation (masl) [1]	Groundwater Elevation (masl)	Methane Concentrations (% LEL)	Purge Water Observations Colour	Odour	Sediment
2024-05-28 to 30 Bedrock Monitoring Wells									
MW102	1.23	8.94	98.35	97.47	97.12	nr	light grey	none	trace
MW104	0.02	8.01	96.88	96.99	96.86	nr	clear	none	none
MW107	1.13	9.19	98.28	97.40	97.15	nr	light grey	none	trace
MW201	1.36	6.57	97.37	96.59	96.01	nr	clear	none	trace
MW203	1.24	15.49	96.79	95.96	95.55	nr	clear	none	some
MW301	0.95	9.20	96.42	95.64	95.47	nr	clear	none	trace
2024-05-28 to 30 Overburden Monitoring Wells									
91-1	1.65	3.60	98.61	97.83	96.96	nr	cloudy	none	abundant
91-3	1.70	5.62	97.52	96.20	95.82	nr	cloudy	none	trace
91-4	1.44	5.06	98.32	97.36	96.88	nr	dark grey	musty	abundant
11-1	1.10	3.80	97.71	96.98	96.61	nr	dark grey	metallic	abundant
11-2	1.60	2.20	98.94	98.34	97.34	nr	insufficient water		
11-3	1.16	3.28	98.09	97.39	96.93	nr	dark grey	none	abundant
11-4	1.47	2.94	98.58	97.71	97.11	nr	clear	none	none
11-6	1.61	2.75	97.97	97.01	96.36	nr	cloudy grey	musty	some
11-7	1.10	7.04	96.47	95.49	95.37	nr	light orange	musty	abundant
15-1	1.32	6.41	97.42	96.61	96.10	nr	dark grey	musty	abundant
MW101	dry	3.85	101.75	100.84	-	nr		dry	
MW103	1.33	4.49	98.38	97.43	97.05	nr	light brown	none	abundant
MW105	1.42	2.42	97.99	97.13	96.57	nr	clear	none	none
MW106	1.16	9.68	96.70	95.87	95.54	nr	grey	none	none
MW202	1.64	4.09	97.36	96.60	95.72	nr	clear	none	none
2024-10-28 to 30 Residential Wells									
372 Eden	-	-	-	-	-	-	clear	none	none
2024-05-28 to 30 Landfill Gas Vents									
North Vent	-	-	-	-	-	1	-	-	-
Middle Vent	-	-	-	-	-	16	-	-	-
South Vent	-	-	-	-	-	78	-	-	-
2024-10-28 to 30 Bedrock Monitoring Wells									
MW102	2.00	6.70	98.35	97.47	96.35	nr	cloudy	none	some
MW104	0.67	8.00	96.88	96.99	96.21	<1	clear	none	none
MW107	2.06	7.63	98.28	97.40	96.22	<1	clear	none	none
MW201	1.64	5.42	97.37	96.59	95.73	nr	clear	none	none
MW203	1.92	15.77	96.79	95.96	94.87	<1	clear	none	none
MW301	1.22	7.72	96.42	95.64	95.20	nr	clear	none	none
2024-10-28 to 30 Overburden Monitoring Wells									
91-1	2.30	3.58	98.61	97.83	96.31	<1	cloudy	none	abundant
91-3	2.09	5.25	97.52	96.20	95.43	nr	cloudy grey	musty	some
91-4	2.03	4.27	98.32	97.36	96.29	-	brown	decompositio	abundant
11-1	1.68	3.77	97.71	96.98	96.03	<1	clear	none	none
11-2	dry	2.22	98.94	98.34	-	<1		dry	
11-3	1.84	3.14	98.09	97.39	96.25	nr	cloudy	musty	abundant
11-4	2.31	2.92	98.58	97.71	96.27	nr	clear	none	none
11-6	dry	2.50	97.97	97.01	-	nr		dry	
11-7	1.50	6.91	96.47	95.49	94.97	nr	cloudy grey	sulphur	abundant
15-1	1.79	6.25	97.42	96.61	95.63	nr	cloudy grey	none	abundant
MW101	dry	3.08	101.75	100.84	-	-		dry	
MW103	2.07	4.63	98.38	97.43	96.31	<1	cloudy	none	abundant
MW105	1.97	2.41	97.99	97.13	96.02	<1	clear	none	none
MW106	1.76	9.48	96.70	95.87	94.94	<1	clear	none	none
MW202	1.94	4.00	97.36	96.60	95.42	nr	clear	none	none
2024-10-28 to 30 Residential Wells									
372 Eden Grove Road	-	-	-	-	-	-	clear	none	none
2024-10-28 to 30 Landfill Gas Vents									
North Vent	-	-	-	-	-	4	-	-	-
Middle Vent	-	-	-	-	-	3	-	-	-
South Vent	-	-	-	-	-	>100	-	-	-

Notes:
%LEL denotes lower explosive limit
DTW denotes depth to water
masl denotes meters above mean sea level
mbTOP denotes meters below top of piezometer
nr denotes no response from full gas response
\- denotes data not applicable
[1] elevation of wells based on survey data provided by the Township of Leeds and the Thousand Islands and Malroz 2017 survey

Data Input: PRK
Data Check: RF

Table 4
Shallow Groundwater Analytical Results

															South Wells						
					Location	11-4		MW103		11-2		11-3		91-4		91-1		15-1		91-3	
					Sample ID	24-W017	24-W047	24-W019	24-W049	24-W014	dry	24-W022	24-W045	24-W023	24-W051	24-W026	24-W054	24-W027	24-W055	24-W025	24-W052
					Date Sampled	2024-05-29	2024-10-29	2024-05-29	2024-10-29	2024-05-29	2024-10-30	2024-05-30	2024-10-29	2024-05-30	2024-10-30	2024-05-30	2024-10-30	2024-05-30	2024-10-30	2024-05-30	2024-10-30
Parameters	**Units**	**RL**	**ODWS**		**2024 RUL (Shallow)**	**Background Western CAZ**		**Background Western CAZ**		**Leachate Impacted East**		**Leachate Impacted Northwest**		**Western CAZ**		**Compliance Western CAZ**		**Compliance Western CAZ**		**Compliance Western CAZ**	
Alkalinity, total	mg/L	5	30-500	OG	**345**	192	261	**376**	**383**	**502**		**611**	**588**	**747**	**745**	323	321	**518**	**615**	257	253
Total Dissolved Solids	mg/L	3	500	AO	**430**	342	381	**612**	**602**	**698**		**1010**	**961**	**752**	**753**	362	358	**552**	**665**	291	290
Conductivity	µS/cm	1				658	730	1140	1120	1290		1830	1750	1380	1390	696	690	1030	1230	562	560
pH	pH Units	-	6.5 - 8.5	OG		7.77	7.99	7.79	7.86	7.61		7.75	7.63	7.85	7.65	7.94	7.97	7.83	7.80	8.07	8.15
Chloride	mg/L	0.5	250	AO		6.1	8.7	25.1	44.3	42.8		187	193	12.4	13.3	5.3	5.9	20.3	41.2	5.8	6.6
N - Nitrate	mg/L	0.05	10	CS	**16.6**	**31.3**	**25.4**	**26.4**	**18.7**	4.03		0.06	0.09	<0.05	0.08	9.28	9.87	<0.05	<0.05	<0.05	0.09
N - Nitrite	mg/L	0.05	1	CS	**0.29**	<0.05	0.2	0.11	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**257**	15	15	90	99	111		112	115	15	13	7	7	22	24	35	36
BOD	mg/L	3				<3	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3				20	295	8360	4000	<3		1340	925	10000	22000	9580	4720	6320	4800	712	2620
Phosphorus, total	mg/L	0.01				0.14	2.6	1.77	1.18	0.05		0.74	0.49	10.6	4.95	2.96	2.42	4.87	3.96	2.79	0.24
Total Kjeldahl - N	mg/L	0.1				0.7	2.4	1.5	1.2	1.5		0.4	0.4	8.8	10.1	0.4	0.7	0.7	1.4	0.1	0.2
N - Ammonia	mg/L	0.05				<0.05	0.12	0.08	0.11	0.05		<0.05	0.06	7.28	7.54	<0.05	0.05	0.28	0.31	0.08	0.08
DOC	mg/L	0.2	5	AO	**4.9**	**5.2**	**6.8**	**13.4**	**13.5**	**16.2**		4.0	**6.0**	1.6	**15.3**	3.7	2.6	**6.5**	**8.4**	2.2	2.7
Phenols	mg/L	0.001				<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5				18	85	112	201	39		52	80	310	199	98	91	166	158	59	10
Hardness	mg/L	0.02	80-100	OG	**199**	**307**	**361**	**562**	**538**	**598**		**886**	**856**	**731**	**715**	**356**	**369**	**536**	**653**	**282**	**285**
Aluminum	mg/L	0.01	0.1	OG	**0.070**	0.03	0.02	0.05	0.04	0.07		0.06	0.06	0.06	0.06	0.04	0.03	0.04	0.05	0.06	0.03
Barium	mg/L	0.001	1	CS	**0.298**	0.054	0.071	0.145	0.116	0.149		0.181	0.174	**0.643**	**0.573**	0.112	0.137	**0.455**	**0.572**	**0.303**	**0.317**
Boron	mg/L	0.005	5	CS	**1.26**	0.005	0.010	0.046	0.054	0.782		0.319	0.313	0.644	0.649	0.010	0.011	0.255	0.306	0.118	0.123
Calcium	mg/L	0.02				70.2	82.7	137	134	187		192	185	178	178	79.6	84.9	111	136	64.8	66.6
Iron	mg/L	0.005	0.3	AO	**0.16**	<0.005	<0.005	<0.005	<0.005	0.064		0.086	0.063	**13.8**	**17.0**	<0.005	0.027	**2.54**	**2.68**	**0.533**	**0.514**
Magnesium	mg/L	0.02				31.9	37.5	53.3	49.6	31.5		98.9	95.9	69.6	65.4	38.3	38.3	62.9	75.8	29.2	28.8
Manganese	mg/L	0.001	0.05	AO	**0.027**	0.005	0.025	**0.218**	**0.145**	**0.219**		**0.363**	**0.340**	**0.097**	**0.085**	<0.001	0.005	**0.142**	**0.215**	**0.074**	**0.071**
Potassium	mg/L	0.1				1.4	1.6	9.6	10.1	19.4		3.3	3.7	17.3	17.8	1.1	1.4	3.1	3.6	1.8	2
Sodium	mg/L	0.2	200	AO [1]	**100**	14.7	16.9	32.2	40.8	51.5		69.8	72.6	46.1	44.2	13.9	14.4	33.0	40.6	15.0	16
Strontium	mg/L	0.001				0.358	0.43	0.812	0.759	1.53		0.744	0.73	0.987	0.980	0.385	0.396	1.28	1.55	0.722	0.721
Zinc	mg/L	0.005	5	AO	**2.5**	0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.01	CS	**0.0027**	0.0002	0.0003	0.0006	0.0007	0.0003		0.0002	0.0003	**0.0081**	**0.0085**	<0.0001	0.0001	0.0007	0.0011	0.0001	0.0002
Cadmium	mg/L	0.000015	0.005	CS	**0.0013**	<0.000015	<0.000015	0.000018	<0.000015	0.000029		0.000034	0.000037	<0.000015	<0.000015	0.000080	0.000186	<0.000015	<0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	0.05	CS	**0.013**	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001				0.0002	0.0002	0.0005	0.0004	0.0008		0.0030	0.0028	0.0051	0.0047	0.0004	0.0009	0.0007	0.0014	0.0002	0.0001
Copper	mg/L	0.0001	1	AO	**0.5**	0.0032	0.0027	0.0055	0.0048	0.0043		0.0019	0.0007	0.0009	0.0004	0.0006	0.0008	0.0013	0.0003	0.0009	0.0002
Lead	mg/L	0.00002	0.01	CS	**0.003**	<0.00002	<0.00002	0.00006	0.00005	0.00005		0.00005	0.00014	0.00003	<0.00002	0.00004	<0.00002	0.00006	0.00004	0.00004	0.00002
Silver	mg/L	0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.02	CS	**0.01**	0.00119	0.00182	0.00182	0.00239	0.00202		0.00428	0.0046	0.00041	0.00028	0.00129	0.0014	0.00098	0.0014	0.00014	0.00014
Vanadium	mg/L	0.0001				0.0015	0.0022	0.0018	0.0022	0.0002		0.0007	0.0009	0.0007	0.0006	0.0005	0.0004	0.0001	0.0001	0.0001	<0.0001
Mercury	mg/L	0.00002	0.001	CS	**0.00026**	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
pH (field)	pH Units	-	6.5 - 8.5	OG		7.61	7.32	7.66	6.86	-		6.68	7.2	6.73	7.17	7.43	7.80	6.79	7.59	7.26	7.93
Temperature (field)	°C	-	15	AO		17.00	15.18	12.89	12.98	-		10.38	11.94	10.08	12.69	16.57	14.06	9.02	12.04	10.16	12.26
DO (field)	mg/L	-				0.85	0.92	4.75	2.29	-		12.00	6.30	11.69	1.87	6.45	3.34	2.26	2.22	4.66	2.16
Conductivity (field)	mS/cm	-				0.640	0.717	118	1.19	-		1.87	1.76	1.42	1.30	0.736	0.655	1.02	1.87	0.556	0.539
Ammonia, unionized (field) [2]	mg/L	0.01				<0.01	0.120	0.080	0.110	-		<0.01	0.060	5.228	7.524	<0.01	0.050	0.026	0.307	0.051	0.080

dry conditions

(continued)

Notes:
- R.L. denotes reporting limit
- RUL denotes reasonable use limit as described by Guideline B-7
- CAZ denotes Contaminant Attenuation Zone
- <# denotes results below reporting limit
- \- denotes not analyzed / not applicable

Groundwater samples analyzed for metals were field filtered using 0.45 micron filters

[1] The local medical health officer should be notified when the sodium concentration exceeds 20 mg/L

[2] Unionized Ammonia calculated using field parameters for pH and temperature

Bold data denotes exceedance of RUL

Orange shading denotes concentration exceeds the 2003 Ontario Drinking Water Quality Standards (as updated in 2020) OG = Operational Guideline AO = Aesthetic Objective, CS = Chemical Standard

Table 4 (continued)
Shallow Groundwater Analytical Results

						East Wells						North Wells							
					Location	11-6		11-7		MW106		11-1		MW202		MW105		QA/QC	
					Sample ID	24-W012	dry	24-W011	24-W036	24-W007	24-W037	24-W021	24-W044	24-W005	24-W034	24-W003	24-W039	24-W031	24-W056
					Date Sampled	2024-05-28	2024-10-30	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-30	2024-10-30
Parameters	**Units**	**RL**	**ODWS**		**2024 RUL (Shallow)**	**Eastern CAZ**		**Eastern CAZ**		**Compliance Eastern CAZ**		**Compliance On-Site**		**Compliance Eastern CAZ**		**Compliance Off-Site**		**Field Blank**	
Alkalinity, total	mg/L	5	30-500	OG	**205**	260		**501**	453	571	**559**	**708**	**625**	**376**	**367**	**357**	**351**	<5	<5
Total Dissolved Solids	mg/L	3	500	AO	**300**	412		**635**	569	681	**662**	**2250**	**2130**	**770**	**807**	**670**	**628**	<3	<3
Conductivity	µS/cm	1				786		1180	1060	1260	1230	4010	3790	1420	1480	1240	1170	<1	<1
pH	pH Units	-	6.5 - 8.5	OG		7.66		8.00	8.08	7.95	7.91	7.23	7.39	7.92	7.86	7.89	7.97	6.63	6.28
Chloride	mg/L	0.5	250	AO		34.4		85.6	81.7	73.9	77.9	811	996	217	276	169	165	<0.5	<0.5
N - Nitrate	mg/L	0.05	10	CS	**21.3**	0.12		<0.05	0.23	<0.05	<0.05	<0.05	<0.40	2.09	1.99	<0.05	<0.05	<0.05	<0.05
N - Nitrite	mg/L	0.05	1	CS	**0.07**	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**12**	95		12	12	14	14	51	59	26	27	34	35	<1	<1
BOD	mg/L	3				5		5	<3	3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3				432		640	595	26	17	10900	105	3	18	<3	4	<3	<3
Phosphorus, total	mg/L	0.01				0.45		0.48	0.33	0.07	0.1	15.8	0.22	0.04	0.2	0.04	0.03	0.01	0.02
Total Kjeldahl - N	mg/L	0.1				1.8		1.4	1.2	0.7	0.8	1.1	0.4	<0.1	0.2	<0.1	0.1	<0.1	<0.1
N - Ammonia	mg/L	0.05				0.49		0.84	0.62	0.37	0.39	0.08	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DOC	mg/L	0.2	5	AO	**8.5**	**11.2**		**13.9**	15.0	**8.8**	**11.1**	1.8	4.9	1.5	2.2	1.4	3.7	<0.2	0.9
Phenols	mg/L	0.001				0.002		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
COD	mg/L	5				75		65	55	27	26	291	51	5	9	9	7	<5	<5
Hardness	mg/L	0.02	80-100	OG	**282**	**273**		**514**	534	**629**	**613**	**1660**	**1540**	**574**	**611**	**567**	**553**	0.04	0.06
Aluminum	mg/L	0.01	0.1	OG	**0.050**	0.06		0.04	0.03	0.06	0.03	**0.11**	**0.09**	0.03	0.04	0.04	0.03	<0.01	<0.01
Barium	mg/L	0.001	1	CS	**0.050**	0.047		**0.513**	0.533	**1.04**	**1.03**	**1.04**	**0.975**	**0.546**	**0.620**	**0.325**	**0.378**	<0.001	<0.001
Boron	mg/L	0.005	5	CS	**0.01**	0.329		0.070	0.076	0.356	0.33	0.052	0.057	0.054	0.06	0.053	0.062	<0.005	<0.005
Calcium	mg/L	0.02				64.1		101	104	102	98.3	360	340	92.9	102	104	104	<0.02	<0.02
Iron	mg/L	0.005	0.3	AO	**0.00**	**0.401**		**2.37**	1.24	**1.19**	**0.957**	**10.8**	**9.07**	<0.005	<0.005	0.02	0.06	<0.005	<0.005
Magnesium	mg/L	0.02				27.4		63.8	66.8	90.6	89.4	185	167	83.2	86.3	74.5	71	<0.02	<0.02
Manganese	mg/L	0.001	0.05	AO	**0.001**	**0.162**		**0.097**	0.068	**0.032**	0.027	**2.33**	**2.18**	<0.001	<0.001	0.016	0.014	<0.001	<0.001
Potassium	mg/L	0.1				3.0		3.3	3.6	4.1	3.9	3.1	3.4	2.2	2.7	2.6	3	<0.1	<0.1
Sodium	mg/L	0.2	200	AO [1]	**10**	56.2		20.8	23.3	56.3	54.5	**217**	**226**	84.7	91.5	41.6	39.3	<0.2	<0.2
Strontium	mg/L	0.001				0.208		1.10	1.13	2.50	2.40	2.12	2.01	0.984	1.05	0.89	0.88	<0.001	<0.001
Zinc	mg/L	0.005	5	AO	**0.0**	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.01	CS	**0.0003**	0.0010		0.0002	0.0002	0.0003	0.0003	**0.0049**	**0.0053**	0.0001	0.0002	0.0001	0.0002	<0.0001	<0.0001
Cadmium	mg/L	0.000015	0.005	CS	**0.0000**	<0.000015		<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	0.05	CS	**0.001**	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001				0.0009		0.0002	0.0002	0.0002	0.0002	0.0077	0.0063	0.0001	0.0001	0.0002	0.0002	<0.0001	<0.0001
Copper	mg/L	0.0001	1	AO	**0.0**	0.0011		0.0009	0.0005	0.0002	0.0005	0.0023	0.0016	0.0010	0.0004	0.0007	0.0004	<0.0001	0.0003
Lead	mg/L	0.00002	0.01	CS	**0.000**	0.00028		0.00004	0.00006	0.00003	<0.00002	0.00008	<0.00004	0.00002	0.00002	0.00003	<0.00002	0.00002	<0.00002
Silver	mg/L	0.0001				<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.02	CS	**0.00**	0.00049		<0.00005	0.00011	<0.00005	<0.00005	0.00289	0.00257	0.00304	0.00323	0.00256	0.00247	<0.00005	<0.00005
Vanadium	mg/L	0.0001				0.0015		0.0002	0.0002	0.0001	0.0001	0.0001	<0.0001	0.0004	0.0006	0.0002	0.0005	<0.0001	<0.0001
Mercury	mg/L	0.00002	0.001	CS	**0.00001**	<0.00002		0.00002	<0.00002	<0.00002	<0.00002	0.00004	<0.00002	<0.00002	<0.00002	0.00003	<0.00002	<0.00002	<0.00002
pH (field)	pH Units	-	6.5 - 8.5	OG		6.72		6.79	6.96	7.38	7.29	6.59	6.83	7.27	7.45	7.1	7.68	-	-
Temperature (field)	°C	-	15	AO		12.02		10.71	11.26	15.17	14.81	10.07	12.45	20.88	9.98	15.51	9.42	-	-
DO (field)	mg/L	-				10.97		11.17	0.00	0.57	0.00	12.42	0.00	1.53	0.88	0.21	0.00	-	-
Conductivity (field)	mS/cm	-				0.801		1.02	1.04	1.18	1.18	3.95	3.69	1.21	1.46	1.19	1.17	-	-
Ammonia, unionized (field) [2]	mg/L	0.01				0.488		0.767	0.581	0.370	0.390	0.058	0.090	<0.01	<0.01	<0.01	<0.01	-	-

dry conditions

Notes:
R.L. denotes reporting limit
RUL denotes reasonable use limit as described by Guideline B-7
CAZ denotes Contaminant Attenuation Zone
<# denotes results below reporting limit
\- denotes not analyzed / not applicable
Groundwater samples analyzed for metals were field filtered using 0.45 micron filters
[1] The local medical health officer should be notified when the sodium concentration exceeds 20 mg/L
[2] Unionized Ammonia calculated using field parameters for pH and temperature
Bold data denotes exceedance of RUL
Orange shading denotes concentration exceeds the 2003 Ontario Drinking Water Quality Standards (as updated in 2020) OG = Operational Guideline AO = Aesthetic Objective, CS = Chemical Standard

Data Input: PRK
Data Check: RF

Table 5
Deep Groundwater Analytical Results

					Location	MW102		MW107		MW201		MW203		MW301	
					Sample ID	24-W020	24-W048	24-W013	24-W035	24-W004	24-W032	24-W006	24-W038	24-W018	24-W042
					Date Sampled	2024-05-29	2024-10-29	2024-05-29	2024-10-29	2024-05-28	2024-10-29	2024-05-28	2024-10-29	2024-05-29	2024-10-29
Parameters	**Units**	**RL**	**ODWS**		**2024 RUL**	**Background**		**Leachate Impacted**		**Compliance Eastern CAZ**		**Compliance Easterm CAZ**		**Compliance Eastern CAZ**	
Alkalinity, total	mg/L	5	30 - 500	OG	**449**	407	404	**863**	**744**	**466**	447	**452**	447	334	331
Total Dissolved Solids	mg/L	3	500	AO	**630**	**650**	**677**	**1350**	**1310**	**681**	**649**	551	548	371	369
Conductivity	µS/cm	1				1200	1250	2430	2360	1260	1200	1030	1020	715	711
pH	pH Units	-	6.5 - 8.5	OG		7.79	7.89	7.91	7.72	8.08	8.20	8.05	8.03	8.00	8.05
Chloride	mg/L	0.5	250	AO	**220**	113	152	135	123	88.3	98.4	57.0	62.4	16.4	18.3
N - Nitrate	mg/L	0.05	10	CS	**3.16**	1.19	0.08	1.06	2.78	0.15	0.13	0.10	0.19	<0.05	0.10
N - Nitrite	mg/L	0.05	1	CS	**0.269**	<0.05	<0.05	<0.05	<0.40	0.2	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**279**	49	51	**429**	**523**	47	45	23	24	27	27
BOD	mg/L	3				<3	<3	<3	<3	5	4	<3	<3	<3	<3
Total Suspended Solids	mg/L	3				454	5450	164	6	140	12	21	9	6	6
Phosphorus, total	mg/L	0.01				0.09	1.73	0.12	0.24	0.44	3.25	0.12	0.3	0.12	0.38
Total Kjeldahl - N	mg/L	0.1				0.6	0.5	0.7	0.6	1.6	0.8	0.2	0.3	0.1	0.1
N - Ammonia	mg/L	0.05				<0.05	0.05	<0.05	0.06	0.95	0.32	<0.05	<0.05	<0.05	<0.05
DOC	mg/L	0.2	5	AO	**4.95**	**7.9**	**8.1**	**9.4**	**12.8**	**6.0**	**6.0**	**5.5**	**7.2**	2.0	2.8
Phenols	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5				22	35	58	24	37	31	15	15	<5	<5
Hardness	mg/L	0.02	80 - 100	OG	**353**	**496**	**531**	**1200**	**1210**	160	115	**491**	**503**	349	349
Aluminum	mg/L	0.01	0.1	OG	**0.085**	0.08	0.04	**0.19**	0.07	<0.01	<0.01	0.03	0.03	0.03	0.02
Barium	mg/L	0.001	1.000	CS	**0.894**	0.79	0.840	0.062	0.064	0.09	0.071	0.444	0.458	0.158	0.175
Boron	mg/L	0.005	5.000	CS	**1.29**	0.046	0.053	**1.98**	**1.80**	0.157	0.113	0.397	0.392	0.217	0.221
Calcium	mg/L	0.02				128	138	227	240	27.5	20.8	83.2	86.9	74	76.4
Iron	mg/L	0.005	0.300	AO	**0.344**	0.244	0.159	0.068	0.023	0.343	0.157	0.107	0.012	0.082	0.092
Magnesium	mg/L	0.02				42.8	45.5	153	147	22.2	15.4	68.9	69.6	40	38.5
Manganese	mg/L	0.001	0.050	AO	**0.259**	**0.406**	**0.440**	0.063	<0.001	0.129	0.052	0.011	<0.001	0.226	0.079
Potassium	mg/L	0.1				20.2	17.9	32.7	28.9	5.2	3.6	5.5	5.6	3	2.9
Sodium	mg/L	0.2	200	AO [1]	**70**	33.7	45.7	**144**	**141**	**250**	**232**	44.9	46.0	27.0	28.7
Strontium	mg/L	0.001				0.722	0.784	2.15	2.30	0.549	0.424	2.81	2.84	1.47	1.48
Zinc	mg/L	0.005	5	AO	**2.5**	<0.005	<0.005	0.011	0.006	<0.005	0.007	0.006	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.010	CS	**0.0027**	<0.0003	0.0001	0.0005	0.0005	0.0020	**0.0049**	0.0004	0.0004	0.0002	0.0003
Cadmium	mg/L	0.000015	0.005	CS	**0.0013**	<0.000030	<0.000015	0.000028	0.000018	0.000038	0.000043	<0.000015	<0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	0.050	CS	**0.0129**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001				0.0006	0.0005	0.0014	0.0008	0.0007	0.0003	0.0002	0.0002	0.0002	0.0002
Copper	mg/L	0.0001	1.000	AO	**0.501**	0.0027	0.0022	0.0089	0.0055	0.0016	0.0007	0.0014	0.0007	0.0005	0.0004
Lead	mg/L	0.00002	0.010	CS	**0.0025**	<0.00009	<0.00002	0.00039	<0.00004	0.00002	0.00024	0.00002	0.00003	0.00003	0.00004
Silver	mg/L	0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.020	CS	**0.007**	0.00276	0.00318	**0.00724**	**0.00862**	**0.0202**	**0.0145**	0.00109	0.00115	0.00184	0.00188
Vanadium	mg/L	0.0001				<0.0004	0.0002	0.0004	0.0004	0.0009	0.0023	<0.0001	<0.0001	<0.0001	<0.0001
Mercury	mg/L	0.00002	0.001	CS	**0.00026**	0.00003	<0.00002	<0.00002	<0.00002	0.00003	<0.00002	0.00002	<0.00002	<0.00002	<0.00002
pH (field)	pH Units	-	6.5 - 8.5	OG		7.66	6.76	7.76	7.49	7.64	7.64	7.92	7.23	7.76	7.35
Temperature (field)	°C	-	15	AO		11.03	12.42	14.38	8.70	17.85	11.23	15.88	14.05	22.46	12.52
DO (field)	mg/L	-				3.38	0.00	6.98	2.73	2.09	0.00	4.81	2.60	0.12	4.31
Conductivity (field)	mS/cm	-				1.03	1.25	2.45	2.34	1.14	1.26	0.988	0.963	0.654	0.713
Ammonia, unionized (field) [2]	mg/L	0.01				<0.01	0.050	0.000	<0.01	0.950	0.299	<0.01	<0.01	<0.01	<0.01

Notes: RL denotes reporting limit
RUL is Reasonable Use Limit as described by Guideline B-7
CAZ denotes Contamination Attenuation Zone
<# denotes results below reporting limit
\- denotes not analyzed / not applicable
Groundwater samples analyzed for metals were field filtered using 0.45 micron filter
[1] The local medical health officer should be notified when the sodium
[2] Unionized Ammonia calculated using field parameters for pH and temperature
Bold Data denotes RUL exceedance
Orange shading denotes concentration exceeds the 2003 Ontario Drinking Water Quality Standards (as updated in 2020) OG = Operational Guideline
AO = Aesthetic Objective, CS = Chemical Standard

(continued)

Table 5 (continued)
Deep Groundwater Analytical Results

					Location	MW104		379 Eden Grove Road		572 Eden Grove Road		QA/QC				
					Sample ID	24-W001	24-W041	-	24-W046	24-W030	24-W046	24-W002	24-W033	24-W043	24-W031	24-W056
					Date Sampled	2024-05-28	2024-10-30	2024-05-29	10/30/2024	2024-05-29	2024-10-30	2024-05-28	2024-10-29	2024-10-29	2024-05-30	2024-10-30
Parameters	**Units**	**RL**	**ODWS**		**2024 RUL**	**Compliance North Off-Site**		**Residential**		**Residential**		**Duplicate MW104**	**Duplicate MW201**	**Duplicate MW301**	**Field Blank**	**Field Blank**
Alkalinity, total	mg/L	5	30 - 500	OG	**449**	348	343	sample permission not given	337	410	sample permission not given	347	441	330	<5	<5
Total Dissolved Solids	mg/L	3	500	AO	**630**	**678**	**683**		379	**866**		**678**	**637**	367	<3	<3
Conductivity	µS/cm	1				1260	1260		727	1580		1250	1180	707	<1	<1
pH	pH Units	-	6.5 - 8.5	OG		7.93	7.90		8.05	7.93		7.85	8.20	8.08	6.63	6.28
Chloride	mg/L	0.5	250	AO	**220**	183	204		8.2	**246**		181	94.9	18.4	<0.5	<0.5
N - Nitrate	mg/L	0.05	10	CS	**3.16**	<0.05	<0.05		<0.05	<0.05		<0.05	0.11	0.08	<0.05	<0.05
N - Nitrite	mg/L	0.05	1	CS	**0.269**	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**279**	31	33		46	46		31	46	28	<1	<1
BOD	mg/L	3				<3	<3		<3	<3		<3	4	<3	<3	<3
Total Suspended Solids	mg/L	3				7	338		4	4		6	16	5	<3	<3
Phosphorus, total	mg/L	0.01				0.02	0.24		0.02	0.04		0.02	3.19	0.41	0.01	0.02
Total Kjeldahl - N	mg/L	0.1				<0.1	0.1		0.1	0.4		<0.1	0.8	0.2	<0.1	<0.1
N - Ammonia	mg/L	0.05				<0.05	<0.05		<0.05	0.2		<0.05	0.31	0.05	<0.05	<0.05
DOC	mg/L	0.2	5	AO	**4.95**	1.5	2.3		2.5	2.3		1.4	6.4	2.2	<0.2	0.9
Phenols	mg/L	0.001				<0.001	<0.001		0.005	<0.001		<0.001	<0.001	0.002	<0.001	0.001
COD	mg/L	5				10	9		<5	29		9	26	6	<5	<5
Hardness	mg/L	0.02	80 - 100	OG	**353**	**581**	**595**		**356**	**629**		**580**	115	**354**	0.04	0.06
Aluminum	mg/L	0.01	0.1	OG	**0.085**	0.04	0.04		0.03	0.04		0.04	<0.01	0.02	<0.01	<0.01
Barium	mg/L	0.001	1.000	CS	**0.894**	0.529	0.561		0.209	0.515		0.531	0.071	0.178	<0.001	<0.001
Boron	mg/L	0.005	5.000	CS	**1.29**	0.08	0.072		0.230	0.212		0.077	0.112	0.224	<0.005	<0.005
Calcium	mg/L	0.02				106	112		80.6	131		106	20.8	77.1	<0.02	<0.02
Iron	mg/L	0.005	0.300	AO	**0.344**	**0.588**	**0.481**		**0.431**	0.009		**0.658**	0.157	0.092	<0.005	<0.005
Magnesium	mg/L	0.02				77.2	76.8		37.7	73.6		76.8	15.2	39.2	<0.02	<0.02
Manganese	mg/L	0.001	0.050	AO	**0.259**	0.123	0.131		0.125	**0.390**		0.125	0.052	0.08	<0.001	<0.001
Potassium	mg/L	0.1				3.4	3.5		1.8	6.2		3.4	3.6	3.0	<0.1	<0.1
Sodium	mg/L	0.2	200	AO [1]	**70**	40.3	41.1		31.1	**93.4**		40.1	**230**	29.2	<0.2	<0.2
Strontium	mg/L	0.001				1.1	1.06		2.02	2.74		1.08	0.421	1.51	<0.001	<0.001
Zinc	mg/L	0.005	5	AO	**2.5**	<0.005	<0.005		<0.005	<0.005		<0.005	0.006	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.010	CS	**0.0027**	0.0002	0.0002		0.0002	<0.0001		0.0002	**0.0049**	0.0003	<0.0001	<0.0001
Cadmium	mg/L	0.000015	0.005	CS	**0.0013**	<0.000015	<0.000015		<0.000015	0.000067		<0.000015	0.000037	<0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	0.050	CS	**0.0129**	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001				0.0003	0.0003		0.0001	0.0008		0.0003	0.0003	0.0002	<0.0001	<0.0001
Copper	mg/L	0.0001	1.000	AO	**0.501**	0.0007	0.0005		0.0003	0.0033		<0.0001	0.0007	0.0004	<0.0001	0.0003
Lead	mg/L	0.00002	0.010	CS	**0.0025**	0.00004	<0.00002		0.00004	0.00008		<0.00002	0.00024	0.00004	0.00002	<0.00002
Silver	mg/L	0.0001				<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.020	CS	**0.007**	0.00295	0.00304		0.00078	0.00198		0.00291	**0.0147**	0.00181	<0.00005	<0.00005
Vanadium	mg/L	0.0001				<0.0001	<0.0001		<0.0001	0.0022		<0.0001	0.0022	<0.0001	<0.0001	<0.0001
Mercury	mg/L	0.00002	0.001	CS	**0.00026**	<0.00002	<0.00002		<0.00002	<0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
pH (field)	pH Units	-	6.5 - 8.5	OG		7.46	7.77		7.16	8.20		7.46	7.64	7.35	-	-
Temperature (field)	°C	-	15	AO		15.81	16.73		14.02	14.29		15.81	11.23	12.52	-	-
DO (field)	mg/L	-				0.60	0.00		0.00	10.15		0.60	0.00	4.31	-	-
Conductivity (field)	mS/cm	-				1.11	1.16		0.74	1.52		1.11	1.260	0.713	-	-
Ammonia, unionized (field) [2]	mg/L	0.01				<0.01	<0.01		<0.01	0.200		<0.01	0.289	0.050	<0.01	<0.01

Notes: RL denotes reporting limit
RUL is Reasonable Use Limit as described by Guideline B-7
CAZ denotes Contamination Attenuation Zone
<# denotes results below reporting limit
\- denotes not analyzed / not applicable
Groundwater samples analyzed for metals were field filtered using 0.45 micron filter
[1] The local medical health officer should be notified when the sodium
[2] Unionized Ammonia calculated using field parameters for pH and temperature
Bold Data denotes RUL exceedance
Orange shading denotes concentration exceeds the 2003 Ontario Drinking Water Quality Standards (as updated in 2020) OG = Operational Guideline
AO = Aesthetic Objective, CS = Chemical Standard

Data Input: PRK
Data Check: RF

Table 6
PFAS Analytical Results

					Deep Wells													
				Location	MW104		MW107	MW201		MW203		MW301		572 Eden Grove Road		379 Eden Grove Road		
				Sample ID	24-W001	24-W041	24-W035	24-W004	24-W032	24-W006	24-W038	24-W018	24-W042	24-W030	-	-	24-W046	
				Date Sampled	2024-05-28	2024-10-30	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-29	2024-10-29	2024-05-29	2024-10-30	2024-05-29	2024-10-29	
Parameters	Units	RL	Health Canada PFAS Screening Values	MECP Drinking Water Screening Values for Perfluorinated Chemicals	Compliance North Off-Site		Leachate Impacted	Compliance Eastern CAZ		Compliance Eastern CAZ		Compliance Eastern CAZ		Residential		Residential		
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	ug/L	0.02			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	not tested - permission not obtained from owner	not tested - permission not obtained from owner	<0.020	
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	ug/L	0.02			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	ug/L	0.02			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10			<0.10	
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10			<0.10	
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10			<0.10	
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.046	<0.020	<0.020			<0.020	
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	ug/L	0.050			<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050			<0.050	
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Hexafluoropropylene oxide dimer acid [HFPO-DA]	ug/L	1.000			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoro-3-methoxypropanoic acid [PFMPA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoro-4-methoxybutanoic acid [PFMBA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorobutanesulfonic acid [PFBS]	ug/L	0.020	15		<0.020	<0.100	0.140	<0.020	<0.100	<0.020	<0.100	<0.020	<0.100	<0.020			<0.100	
Perfluorobutanoic acid [PFBA]	ug/L	0.100	30		<0.10	<0.50	<0.50	<0.10	<0.50	0.10	<0.50	<0.10	<0.50	<0.10			<0.50	
Perfluorodecane sulfonic acid [PFDS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorodecanoic acid [PFDA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorododecanesulfonic acid [PFDoS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorododecanoic acid [PFDoA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoroheptanesulfonic acid [PFHpS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoroheptanoic acid [PFHpA]	ug/L	0.02	0.2		<0.020	<0.020	0.162	<0.020	<0.020	0.046	0.046	<0.020	<0.020	<0.020			<0.020	
Perfluorohexadecanoic acid (PFHxDA)	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorohexanesulfonic acid [PFHxS]	ug/L	0.020	0.6		<0.020	<0.020	0.206	<0.020	<0.020	0.020	0.032	<0.020	<0.020	<0.020			<0.020	
Perfluorohexanoic acid [PFHxA]	ug/L	0.020	0.2		<0.020	<0.020	0.422	<0.020	<0.020	0.092	0.09	<0.020	<0.020	<0.020			<0.020	
Perfluorononanesulfonic acid [PFNS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorononanoic acid [PFNA]	ug/L	0.020	0.2		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorooctanesulfonamide [PFOSA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorooctanesulfonic acid [PFOS]	ug/L	0.020	0.6		<0.020	<0.020	0.030	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorooctanoic acid [PFOA]	ug/L	0.020	0.2		<0.020	<0.020	0.322	<0.020	<0.020	0.118	0.130	<0.020	<0.020	<0.020			<0.020	
Perfluoropentanesulfonic acid [PFPeS]	ug/L	0.020			<0.020	<0.020	0.034	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoropentanoic acid [PFPeA]	ug/L	0.020	0.2		<0.020	<0.100	0.290	<0.020	<0.100	0.072	<0.100	<0.020	<0.100	<0.020			<0.100	
Perfluorotetradecanoic acid [PFTeDA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorotridecanesulfonic acid [PFTrDS]	ug/L	0.0			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluorotridecanoic acid [PFTrDA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoroundecanesulfonic acid [PFUdS]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
Perfluoroundecanoic acid [PFUnA]	ug/L	0.020			<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			<0.020	
PFOA & PFOS [1]	ug/L	-	1		<	<	0.830	<	<	0.312	0.342	<	<	<			<	
Sum of all reported PFAS compound concentrations [2]	ug/L	-		**0.07**	<	<	**1.61**	<	<	**0.448**	**0.298**	0.046	<	<			<	

Notes: RL denotes reporting limit
<# denotes results below reporting limit
CAZ denotes Contamination Attenuation Zone
[1] Sum of the parameters PFOA and PFOS
[2] Sum of all reported PFAS compound concentrations is calculated as the sum of all PFAS values above the RL
Bold data denotes concentration exceeds MECP Drinking Water Screening Values for Perfluorinated Chemicals
Orange denotes concentration exceeds the Health Canada PFAS Screening Values

(continued)

Table 6 (cont.)
PFAS Analytical Results

					Shallow Wells											QA/QC		
				Location	11-4		11-2		11-1	MW106		MW202		MW105				
				Sample ID	24-W017	24-W047	24-W014	-	24-W044	24-W007	24-W037	24-W005	24-W034	24-W003	24-W039	24-W002 [3]	24-W033 [5]	24-W043 [6]
				Date Sampled	2024-05-29	2024-10-29	2024-05-29	2024-10-30	2024-10-29	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-05-28	2024-10-28	2024-10-29
Parameters	**Units**	**RL**	**Health Canada PFAS Screening Values**	**MECP Drinking Water Screening Values for Perfluorinated Chemicals**	**Background**		**Leachate Impacted East**		**Compliance On-Site North**	**Compliance Eastern CAZ**		**Compliance Eastern CAZ**		**Compliance Off-Site North**		**Duplicate of 24-W001**	**Duplicate of 24-W032**	**Duplicate of 24-W042**
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	ug/L	0.02			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	ug/L	0.02			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	ug/L	0.02			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	ug/L	0.100			<0.10	<0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	ug/L	0.050			<0.050	<0.050	<0.050		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Hexafluoropropylene oxide dimer acid [HFPO-DA]	ug/L	1.000			<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-3-methoxypropanoic acid [PFMPA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-4-methoxybutanoic acid [PFMBA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorobutanesulfonic acid [PFBS]	ug/L	0.020	15		<0.020	<0.100	0.086	dry	<0.100	<0.020	<0.100	<0.020	<0.100	<0.020	<0.100	<0.020	<0.100	<0.100
Perfluorobutanoic acid [PFBA]	ug/L	0.100	30		<0.10	<0.50	0.16		<0.50	<0.20	<0.50	<0.10	<0.50	<0.10	<0.50	<0.10	<0.50	<0.50
Perfluorodecane sulfonic acid [PFDS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorodecanoic acid [PFDA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanesulfonic acid [PFDoS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanoic acid [PFDoA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanesulfonic acid [PFHpS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanoic acid [PFHpA]	ug/L	0.02	0.2		<0.020	<0.020	0.078		<0.020	0.044	0.048	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorohexadecanoic acid (PFHxDA)	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorohexanesulfonic acid [PFHxS]	ug/L	0.020	0.6		<0.020	<0.020	0.168		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorohexanoic acid [PFHxA]	ug/L	0.020	0.2		<0.020	<0.020	0.294		<0.022	0.098	0.098	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorononanesulfonic acid [PFNS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorononanoic acid [PFNA]	ug/L	0.020	0.2		<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonamide [PFOSA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonic acid [PFOS]	ug/L	0.020	0.6		<0.020	<0.020	0.090		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanoic acid [PFOA]	ug/L	0.020	0.2		<0.020	<0.020	0.258		<0.020	0.094	0.094	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoropentanesulfonic acid [PFPeS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoropentanoic acid [PFPeA]	ug/L	0.020	0.2		<0.020	<0.100	0.33		<0.100	0.092	<0.100	<0.020	<0.100	<0.020	<0.100	<0.020	<0.100	<0.100
Perfluorotetradecanoic acid [PFTeDA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanesulfonic acid [PFTrDS]	ug/L	0.0			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanoic acid [PFTrDA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanesulfonic acid [PFUdS]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanoic acid [PFUnA]	ug/L	0.020			<0.020	<0.020	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
PFOA & PFOS [1]	ug/L	-	1		<	<	0.720		<	0.252	0.094	<	<	<	<	<	<	<
Sum of all reported PFAS compound concentrations [2]	ug/L	-		**0.07**	<	<	**1.46**		<	**0.328**	**0.240**	<	<	<	<	<	<	<

Notes: RL denotes reporting limit
<# denotes results below reporting limit
CAZ denotes Contamination Attenuation Zone
[1] Sum of the parameters PFOA and PFOS
[2] Sum of all reported PFAS compound concentrations is calculated as the sum of all PFAS values above the RL
Bold data denotes concentration exceeds MECP Drinking Water Screening Values for Perfluorinated Chemicals
Orange denotes concentration exceeds the Health Canada PFAS Screening Values

Data Input: PRK
Data Check: SG

Table 7
Surface Water Analytical Results

						North Watercourse											
					Location	SW6		SW4		SW16		SW12		SW8		SW14	
					Sample ID	24-W016	24-W050	24-W008	24-W040	-	-	-	-	24-W015	-	24-W009	-
					Date Sampled	2024-05-30	2024-10-30	2024-05-28	2024-05-29	2024-05-29	2024-10-30	2024-05-29	2024-10-30	2024-05-29	2024-10-30	2024-05-28	2024-10-30
Parameters	**Units**	**RL**	**PWQO (mg/L)**	**Table A: Assessment Criteria for Waste Disposal Sites (mg/L)**	**Table B: Alternative Review Criteria (mg/L)**	**Background West CAZ**		**Compliance West CAZ**		**Compliance Off-Site Across Road**		**Compliance On-Site**		**Compliance On-Site**		**Compliance Off-Site**	
Alkalinity, total	mg/L	5	[2]			123	93	134	124	dry conditions	dry conditions	dry conditions	dry conditions	289	dry conditions	272	dry conditions
Total Dissolved Solids	mg/L	3				211	151	251	187					519		683	
Conductivity	µS/cm	1				410	295	485	364					975		1260	
pH	pH Units	-	6.5-8.5	**6.0-9.0**		7.49	7.32	7.56	7.61					7.94		8.01	
Chloride	mg/L	0.5		**180**	128	48.5	27.6	65.0	35.7					123		**208**	
N - Nitrate	mg/L	0.05			2.9	0.09	0.11	0.08	0.11					0.85		<0.05	
N - Nitrite	mg/L	0.05			0.06	<0.05	<0.05	<0.05	<0.05					<0.05		<0.05	
Sulphate	mg/L	1		**100**		9	5	15	3					31		74	
BOD	mg/L	3				6	6	4	4					<3		<3	
Total Suspended Solids	mg/L	3				295	350	52	100					17		13	
Phosphorus, total	mg/L	0.01	0.02			0.75	1.33	0.73	0.57					0.27		0.18	
Total Kjeldahl - N	mg/L	0.1				3.9	4.5	3.4	3.3					1.9		1.4	
N - Ammonia (Total)	mg/L	0.05				0.80	0.63	0.72	0.54					0.13		0.08	
Ammonia, unionized	mg/L	0.01	0.02	**0.100**		0.01	<0.01	<0.01	0.01					<0.01		<0.01	
o-Phosphate (P)	mg/L	0.002				0.417	1.24	0.425	0.343					0.081		0.096	
DOC	mg/L	0.2				36.4	5.1	35.8	5.1					18.6		15.1	
Phenols	mg/L	0.001	0.001	**0.04** [3]	0.004 [3]	<0.001	0.001	<0.001	<0.001					<0.001		<0.001	
COD	mg/L	5				163	227	129	155					60		49	
Aluminum	mg/L	0.01	0.075 [4]			0.79	0.99	0.06	0.06					0.07		0.07	
Hardness	mg/L	0.02				172	169	194	173					394		397	
Barium	mg/L	0.001		**2.3**		0.144	0.347	0.138	0.163					0.123		0.068	
Boron	mg/L	0.005	0.2	**3.550**	1.5	0.032	0.022	0.062	0.008					0.094		0.097	
Calcium	mg/L	0.02				37.2	32.6	44.2	39.8					92.8		90.4	
Iron	mg/L	0.005	0.3	**1**		**7.22**	**21.8**	**6.36**	**6.39**					**1.54**		0.468	
Magnesium	mg/L	0.02				19.2	21.4	20.3	17.8					39.3		41.5	
Manganese	mg/L	0.001				0.152	0.442	0.198	0.071					0.226		0.237	
Potassium	mg/L	0.1				6.9	13.8	7.2	6.2					4.0		5.1	
Sodium	mg/L	0.2				19.1	11.0	29.0	15.9					56.7		116	
Zinc	mg/L	0.005	0.02	**0.089**	0.030	0.020	**0.093**	0.019	0.029					0.007		<0.005	
Arsenic	mg/L	0.0001	0.005	**0.15**		0.0023	0.0025	0.0023	0.0015					0.0024		0.0009	
Cadmium	mg/L	0.000015	[5]	**0.00021**	0.000017	0.000053	0.000183	0.000050	0.000055					0.000053		<0.000015	
Chromium	mg/L	0.001	[6]	**0.064**		0.005	0.025	0.004	0.008					0.005		<0.001	
Cobalt	mg/L	0.0001	0.0009			0.0021	0.0087	0.0018	0.0027					0.0021		0.0005	
Copper	mg/L	0.0001	[7]	**0.0069**		0.0045	**0.0179**	0.0043	**0.0074**					0.0045		0.0016	
Lead	mg/L	0.00002	[8]	**0.002**		**0.00343**	**0.00841**	**0.00287**	**0.00247**					**0.00354**		0.00010	
Molybdenum	mg/L	0.0001	0.04	**0.730**		0.0008	0.0009	0.0010	0.0004					0.0008		0.0010	
Nickel	mg/L	0.0002	0.025			0.0058	0.0197	0.0049	0.0070					0.0057		0.0025	
Uranium	mg/L	0.00005	0.005	**0.033**		0.00069	0.00091	0.00079	0.00128					0.00070		0.00135	
Vanadium	mg/L	0.0001	0.006			0.0120	0.0357	0.0096	0.0123					0.0121		0.0023	
Mercury	mg/L	0.00002	0.0002		0.000026	<0.00002	<0.00002	0.00003	<0.00002					<0.00002		<0.00002	
pH (field)	pH Units	-	6.5 - 8.5	**6.0 - 9.0**		7.45	7.73	7.00	6.91					7.54		8.00	
Temperature (field)	°C	-				23.11	16.35	18.45	9.55					12.57		28.12	
DO (field)	mg/L	-	[9]			5.91	4.28	11.12	5.03					6.18		9.54	
Conductivity (field)	mS/cm	-				1.412	0.214	0.504	0.359					0.994		1.23	
Ammonia, unionized (field)	-	0.01	0.020 [1]	**0.100**		0.011	0.010	<0.01	<0.01					<0.01		<0.01	

(continued)

Notes: RL denotes reporting limit
CAZ denotes Contamination Attenuation Zone
<# denotes results below reporting limit
\- denotes not analyzed / not applicable
[1] Unionized Ammonia calculated using field parameters for pH and temperature
[2] Alkalinity should not be decreased by more than 25% of the natural concentration
[3] Table A and Table B standards apply only to Phenol
[4] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[5] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[6] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.0089 mg/L)
[7] Copper criteria <20 mg/L Hardness = 0.001 mg/L, >20 mg/L Hardness = 0.005 mg/L
[8] Lead criteria: <20 mg/L Hardness = 0.005 mg/L, 20 to 40 mg/L Hardness = 0.010 mg/L, 40 to 80 mg/L Hardness = 0.020 mg/L, >80 mg/L Hardness = 0.025 mg/L
[9] PWQO for minimum DO concentration set at conservative value based on highest temperature and warm water biota DO criteria: 0°C -5°C = ≥7mg/L; 5°C-10°C = ≥ 6mg/L; 10°C-20°C = ≥5mg/L; 20°C-25°C = ≥ 4mg/L
Orange shading denotes concentration exceeds the Provincial Water Quality Objective
Bold text denotes concentration exceeds Table A: Asessment Criteria for Waste Disposal Sites (Source: Canadian WaterQuality Guidleline), from the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (2010)
Red text denotes concentration exceeds Table B: Alternative Review Criteria (Source Canadian Water Quality Guidleline), from the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (2010)

Table 7 (cont.)
Surface Water Analytical Results

						South Watercourse							
					Location	SW15		SW11		SW1		SW13	
					Sample ID	24-W029	-	24-W028	-	24-W024	24-W053	24-W010	-
					Date Sampled	2024-05-30	2024-10-30	2024-05-30	2024-10-30	2024-05-30	2024-10-30	2024-05-28	2024-10-30
Parameters	Units	RL	PWQO (mg/L)	Table A: Assessment Criteria for Waste Disposal Sites (mg/L)	Table B: Alternative Review Criteria (mg/L)	Background Off-Site		Compliance West CAZ		Compliance West CAZ		Compliance East CAZ	
Alkalinity, total	mg/L	5	[2]			93	dry conditions	170	dry conditions	66	51	155	dry conditions
Total Dissolved Solids	mg/L	3				102		246		72	60	173	
Conductivity	µS/cm	1				201		476		142	119	337	
pH	pH Units	-	6.5-8.5	**6.0-9.0**		7.38		7.83		7.10	6.93	7.59	
Chloride	mg/L	0.5		**180**	128	11.5		49.5		2.0	3.7	4.6	
N - Nitrate	mg/L	0.05			2.9	<0.05		<0.05		<0.05	<0.05	3.01	
N - Nitrite	mg/L	0.05			0.06	<0.05		<0.05		<0.05	<0.05	0.12	
Sulphate	mg/L	1		**100**		2		9		<1	<1	10	
BOD	mg/L	3				<3		<3		3	7	4	
Total Suspended Solids	mg/L	3				10		12		12	48	32	
Phosphorus, total	mg/L	0.01	0.02			0.07		0.07		0.28	0.36	0.26	
Total Kjeldahl - N	mg/L	0.1				1.8		1.5		3.8	3.2	1.8	
N - Ammonia (Total)	mg/L	0.05				<0.05		0.08		0.78	<0.05	0.11	
Ammonia, unionized	mg/L	0.01	0.02	**0.100**		<0.01		<0.01		<0.01	<0.01	<0.01	
o-Phosphate (P)	mg/L	0.002				0.011		0.014		0.109	0.053	0.15	
DOC	mg/L	0.2				29.4		20.6		49.2	48.0	15.8	
Phenols	mg/L	0.001	0.001	**0.04** [3]	0.004 [3]	<0.001		<0.001		<0.001	0.004	<0.001	
COD	mg/L	5				104		54		183	187	76	
Aluminum	mg/L	0.01	0.075 [4]			0.13		0.05		0.32	0.24	0.05	
Hardness	mg/L	0.02				102		216		75.9	69.3	170	
Barium	mg/L	0.001		**2.3**		0.028		0.062		0.054	0.036	0.079	
Boron	mg/L	0.005	0.2	**3.550**	1.5	0.025		0.051		0.037	0.022	0.051	
Calcium	mg/L	0.02				18.1		38.7		16.6	13.5	38.5	
Iron	mg/L	0.005	0.3	**1**		**1.04**		0.579		**3.18**	**2.78**	**2.03**	
Magnesium	mg/L	0.02				13.8		29.1		8.37	8.66	17.9	
Manganese	mg/L	0.001				0.015		0.035		0.254	0.173	0.048	
Potassium	mg/L	0.1				1.0		1.4		3.5	6.4	3.9	
Sodium	mg/L	0.2				6.6		12.6		5.5	4.1	9.0	
Zinc	mg/L	0.005	0.02	**0.089**	0.030	<0.005		<0.005		0.014	0.018	0.010	
Arsenic	mg/L	0.0001	0.005	**0.15**		0.0007		0.0007		0.0013	0.0006	0.0006	
Cadmium	mg/L	0.000015	[5]	**0.00021**	0.000017	0.000021		0.000024		0.000089	0.000024	0.000048	
Chromium	mg/L	0.001	[6]	**0.064**		0.001		<0.001		0.002	0.001	0.003	
Cobalt	mg/L	0.0001	0.0009			0.0004		0.0007		0.0016	0.0013	0.0008	
Copper	mg/L	0.0001	[7]	**0.0069**		0.0017		0.0018		0.0038	0.0015	**0.0078**	
Lead	mg/L	0.00002	[8]	**0.002**		0.00027		0.00037		0.00106	0.00073	0.00072	
Molybdenum	mg/L	0.0001	0.04	**0.730**		0.0006		0.0015		0.0004	0.0002	0.0009	
Nickel	mg/L	0.0002	0.025			0.0023		0.0023		0.0030	0.0023	0.0030	
Uranium	mg/L	0.00005	0.005	**0.033**		0.00034		0.00131		0.00013	0.00007	0.00069	
Vanadium	mg/L	0.0001	0.006			0.0016		0.0017		0.0018	0.0013	0.0053	
Mercury	mg/L	0.00002	0.0002		0.000026	0.00003		<0.00002		<0.00002	<0.00002	<0.00002	
pH (field)	pH Units	-	6.5 - 8.5	**6.0 - 9.0**		7.54		7.22		6.70	6.81	8.15	
Temperature (field)	°C	-				22.07		20.17		17.69	10.93	19.84	
DO (field)	mg/L	-	[9]			8.59		7.87		3.45	0.00	9.75	
Conductivity (field)	mS/cm	-				0.219		0.534		0.194	0.133	0.328	
Ammonia, unionized (field)	-	0.01	0.020 [1]	**0.100**		<0.01		<0.01		<0.01	<0.01	<0.01	

Notes: RL denotes reporting limit
CAZ denotes Contamination Attenuation Zone
<# denotes results below reporting limit
\- denotes not analyzed / not applicable
[1] Unionized Ammonia calculated using field parameters for pH and temperature
[2] Alkalinity should not be decreased by more than 25% of the natural concentration
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Orange shading denotes concentration exceeds the Provincial Water Quality Objective

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Red text denotes concentration exceeds Table B: Alternative Review Criteria (Source Canadian Water Quality Guidleline), from the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (2010)

Data Input: PRK
Data Check: SG

Appendix C

Amended Environmental Compliance Approval (ECA) and Monitoring Plan

Ontario

Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A442003
Issue Date: June 30, 2022

The Corporation of the Township of Leeds and the Thousand Islands
1233 Prince St
Lansdowne, Ontario
K0E 1L0

Site Location: Lansdowne Waste Disposal Site
Lot 12, Concession 2
Leeds and the Thousand Islands Township, United Counties of Leeds and Grenville

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

a waste disposal site, transfer and processing station, and leaf and yard composting facility consisting of a 4.9 hectare (ha) of waste disposal area within a total site area of 22.4 ha including 12.7 ha of contamination attenuation zone (CAZ) and 3.7 ha of buffer lands for disposal of municipal non-hazardous waste, transfer station for accepting cans, plastics, scrap metal, tires, paper, cardboard, electronics, and non-refrigerant white goods and composting of leaf and yard waste.

For the purpose of this environmental compliance approval, the following definitions apply:

"Adverse Effect" as defined in the EPA;

"Approval" means this entire Environmental Compliance Approval including its schedules, if any, issued in accordance with Section 27, Part V of the Act;

"Contaminant Attenuation Zone" or "CAZ" means a three-dimensional zone that,

a. is located on land adjacent to a landfilling site;
b. is in the subsurface or extends into the subsurface, and
c. is used or is intended to be used for the attenuation of contaminants from the landfilling site to levels that will not have an unacceptable impact beyond the CAZ boundary;

“Compost Quality Standards” means the Ministry standards for compost as set out in the document "Ontario Compost Quality Standards" dated July 25, 2012, as amended;

"Contaminating Life Span” means contaminating life span as defined in Ontario Regulation 232/98;

"Director" means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the EPA as a Director for the purposes of Part II.1 of the EPA;

"District Manager" means the District Manager of the local district office of the Ministry in which the Site is geographically located;

"EPA" means Environmental Protection Act, R.S.O. 1990, c. E. 19, as amended;

“HHW” means household hazardous waste;

“Finished Compost” means leaf and yard waste that has been composted and fully cured and is considered ready for sampling and testing for compliance in accordance with Compost Quality Standards;

“Immature Compost” means leaf and yard waste which has been composted in the windrows and is considered an Immature Compost until it has been fully cured and is ready for compliance testing in accordance with Compost Quality Standards. Immature Compost is considered a waste;

“Leaf and Yard Waste” includes waste consisting of natural Christmas trees and other plant materials but not tree limbs or other woody materials in excess of seven (7) centimetres in diameter;

“Ministry” means the Ontario Ministry of the Environment, Conservation and Parks;

"NMA" means Nutrient Management Act, 2002, S.O. 2002, c. 4, as amended;

"Operator” means any person, other than the Owner's employees, authorized by the Owner as having the charge, management or control of any aspect of the Site and includes its successors or assigns;

"Owner" means any person that is responsible for the establishment or operation of the Site being approved by this Approval, and includes The Corporation of the Township of Leeds and the Thousand Islands and its successors and assigns;

“OWRA” means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;

“PA” means the Pesticides Act, R.S.O. 1990, c. P-11, as amended;

"Provincial Officer" means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the OWRA, Section 5 of the EPA, Section 17 of the PA, Section 4 of the NMA, or Section 8 of the SDWA;

"PWQO" means the Provincial Water Quality Objectives included in the July 1994 publication entitled Water Management Policies, Guidelines, Provincial Water Quality Objectives, as amended from time to time;

"Refrigerant Appliances" means household appliances which use, or may use refrigerants, and which include, but is not restricted to, refrigerators, freezers and air-conditioning systems;

"Regional Director" means the Regional Director of the local Regional Office of the Ministry in which the Site is located;

"Regulation 347" means Regulation 347, R.R.O. 1990, made under the EPA, as amended;

"Regulation 903" means Regulation 903, R.R.O. 1990, made under the OWRA, as amended;

"RUG" means the Reasonable Use Guideline No. B-7 entitled, "Incorporation of the Reasonable Use Concept into MOE Groundwater Management Activities", dated April 1994, or as amended;

"SDWA" means Safe Drinking Water Act, 2002, S.O. 2002, c. 32, as amended;

“Site" means the entire waste disposal site, including the buffer lands, and contaminant attenuation zone at Lansdowne Waste Disposal Site, Lot 12, Concession 2, Leeds and the Thousand Islands Township, United Counties of Leeds and Grenville;

“Trained Personnel” means personnel knowledgeable in the following through instruction and/or practice:

a. relevant waste management legislation, regulations and guidelines;
b. major environmental concerns pertaining to the waste to be handled;
c. occupational health and safety concerns pertaining to the processes and wastes to be handled;
d. management procedures including the use and operation of equipment for the processes and wastes to be handled;
e. emergency response procedures;
f. specific written procedures for the control of nuisance conditions;
g. specific written procedures for refusal of unacceptable waste loads; and
h. the requirements of this Approval.

"Transfer Station" means the transfer station established on Site for the temporary storage of waste;

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL

Compliance

(1) The Owner and Operator shall ensure compliance with all the conditions of this Approval and shall ensure that any person authorized to carry out work on or operate any aspect of the Site is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Approval.

In Accordance

(3) Except as otherwise provided by this Approval, the Site shall be designed, developed, built, operated and maintained in accordance with the documentation listed in the attached Schedule "A".

Interpretation

(4) Where there is a conflict between a provision of any document listed in Schedule "A" in this Approval, and the conditions of this Approval, the conditions in this Approval shall take precedence.

(5) Where there is a conflict between the application and a provision in any document listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.

(6) Where there is a conflict between any two documents listed in Schedule "A", the document bearing the most recent date shall take precedence.

(7) The conditions of this Approval are severable. If any condition of this Approval, or the application of any condition of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

Other Legal Obligations

(8) The issuance of, and compliance with, this Approval does not:

(a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
(b) limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner and Operator to furnish any further information related to compliance with this Approval.

Adverse Effect

(9) The Owner and Operator shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the present, past and historical operations at the Site, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

(10) Despite an Owner, Operator or any other person fulfilling any obligations imposed by this Approval, the person remains responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

Change of Ownership

(11) The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:

(a) the ownership of the Site;
(b) the Operator of the Site;
(c) the address of the Owner or Operator; and
(d) the partners, where the Owner or Operator is or at any time becomes a partnership and a copy of the most recent declaration filed under the Business Names Act, R. S. O. 1990, c. B.17, shall be included in the notification.

(12) No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out.

(13) In the event of any change in ownership of the Site, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this Approval, and the Owner shall provide a copy of the notification to the District Manager and the Director.

Registration on Title Requirement

(14) Prior to dealing with the property in any way, the Owner shall provide a copy of this Approval and any amendments, to any person who acquires an interest in the property as a result of the dealing.

(15) (a) If not already submitted, the Owner shall submit to the Director a completed Certificate of Requirement within ninety (90) calendar days from the date of issuance of this Approval, which shall include:

(i) a plan of survey prepared, signed and sealed by an Ontario Land Surveyor, which shows the area of the Site where waste has been and is to be deposited at the Site;
(ii) proof of ownership of the Site;

(iii) a letter signed by a member of the Law Society of Upper Canada or other qualified legal practitioner acceptable to the Director, verifying the legal description provided in the Certificate of Requirement;
(iv) the legal abstract of the property; and
(v) any supporting documents including a registerable description of the Site.

(b) Within fifteen (15) calendar days of receiving a Certificate of Requirement authorized by the Director, the Owner shall:

(i) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the property; and
(ii) submit to the Director and the District Manager, written verification that the Certificate of Requirement has been registered on title.

Registration on Title Requirement - Contaminant Attenuation Zone (CAZ)

(16) Within two (2) years from the date of this Approval, the Owner shall complete acquiring the ground water easement to the east and northwest of the existing contamination attenuation zone (CAZ) in either fee simple or by way of a groundwater easement for assessing and delineating landfill leachate impact.

(17) The Owner must continue to own the property rights to the Contaminant Attenuation Zone for all of the contaminating life span of the Site.

(18) The ownership of the property rights must include the right to:

(a) discharge contaminants from the operations at the Site into the Contaminant Attenuation Zone;
(b) enter into the Contaminant Attenuation Zone and onto the surface above the Contaminant Attenuation Zone for purposes of testing, monitoring, intercepting contaminants and carrying out remedial work;
(c) install, operate and maintain works, for the purposes mentioned in clause (b), in the Contaminant Attenuation Zone, including on the surface above the Contaminant Attenuation Zone; and
(d) prevent the owner(s) of the land(s) in which the Contaminant Attenuation Zone is located from paving, erecting a structure or making any use of land(s) above or in the vicinity of the contaminant attenuation zone that would interfere with the functioning of the Contaminant Attenuation Zone or with the exercise of any of the rights mentioned in this subsection.

(19) The Owner shall notify the Director in writing within thirty (30) days after any change in his, her or its ownership of the property rights in the Contaminant Attenuation Zone.

(20) The Owner shall ensure that the written easement agreement, specified in Condition 1(16) includes an agreement of the property owner(s) of the land(s) required for the Contaminant Attenuation Zone, to register a Certificate of Requirement on title to the land(s) to be used as

the Contaminant Attenuation Zone.

(21) Within thirty (30) calendar days from the date of establishing a contaminant attenuation zone (CAZ) (overburden and/or bedrock aquifers) in either fee simple or by way of a groundwater easement, the Owner shall submit to the Director a completed Certificate of Requirement which shall include:

(a) If rights are obtained in fee simple, the Owner shall provide:
  (i) documentation evidencing ownership of the CAZ obtained in compliance with Regulation 232, as amended;
  (ii) a completed Certificate of Requirement and supporting documents containing a registerable description of the CAZ; and
  (iii) a letter signed by a member of the Law Society of Upper Canada; or other qualified legal practitioner acceptable to the Director, verifying the legal description of the CAZ.

(b) within fifteen (15) calendar days of receiving a Certificate of Requirement signed or authorized by the Director, the Owner shall:
  (i) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the property; and
  (ii) submit to the Director and the District Manager, a written verification that the Certificate of Requirement has been registered on title.

(c) If rights are obtained by way of a groundwater easement, the Applicant shall:
  (i) provide a copy of the agreement for the easement;
  (ii) provide a plan of survey signed and sealed by an Ontario Land Surveyor for the CAZ; and
  (iii) submit proof of registration on title of the groundwater easement to the Director and District Manager;

(d) The Owner shall not amend or remove or consent to the removal of the easement or CAZ from title without the prior written consent of the Director.

Inspections by the Ministry

(22) No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, the PA, the SDWA or the NMA, of any place to which this Approval relates, and without limiting the foregoing:

(a) to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this Approval are kept;
(b) to have access to, inspect, and copy any records required to be kept by the conditions of this Approval;
(c) to inspect the Site, related equipment and appurtenances;
(d) to inspect the practices, procedures, or operations required by the conditions of this Approval; and
(e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Approval or the EPA, the OWRA, the PA, the SDWA or the NMA.

Information and Record Retention

(23) (a) Except as authorized in writing by the Director, all records required by this Approval shall be retained at the Site or the local municipal office for a minimum of two (2) years from their date of creation.
(b) The Owner shall retain all documentation listed in Schedule "A" for as long as this Approval is valid.
(c) All information and logs required in conditions 6 (1) to 6(5) inclusive, 4(1)(c), 5(1), 5(2), 10(2) and 11(4) shall be kept at the Site until they are included in the Annual Report.
(d) The Owner shall retain employee training records as long as the employee is working at the Site.
(e) The Owner shall make all of the above documents available for inspection upon request of Ministry staff.

(24) The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action under this Approval or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

(a) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Approval or any statute, regulation or other legal requirement; or
(b) acceptance by the Ministry of the information's completeness or accuracy.

(25) The Owner shall ensure that a copy of this Approval, in its entirety and including all its Notices of Amendment, and documentation listed in Schedule "A", are retained at the Site or the local municipal office at all times.

(26) Any information related to this Approval and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, RSO 1990, CF-31.

2. SITE OPERATION

Operation

(1) The Site shall be operated and maintained at all times including management and disposal of all waste, in accordance with the EPA, Regulation 347, and the conditions of this Approval. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

Signs

(2) A sign shall be installed and maintained at the main entrance/exit to the Site on which is legibly displayed the following information:

(a) the name of the Site and Owner;
(b) the number of the Approval;
(c) the name of the Operator;
(d) the normal hours of operation;
(e) the allowable and prohibited waste types;
(f) the telephone number to which complaints may be directed;
(g) a warning against unauthorized access;
(h) a twenty-four (24) hour emergency telephone number (if different from above); and
(i) a warning against dumping outside the Site.

(3) The Owner shall install and maintain signs to direct vehicles to waste diversion areas.

(4) The Owner shall install and maintain signs at the waste diversion areas informing users what materials are acceptable and directing users to appropriate storage areas.

(5) The Owner shall install and maintain a sign(s) identifying the designated bin used to temporarily store waste which will be landfilled.

Vermin, Vectors, Dust, Litter, Odour, Noise and Traffic

(6) The Site shall be operated and maintained such that the vermin, vectors, dust, litter, odour, noise and traffic do not create a nuisance.

Burning Waste Prohibited

(7) Burning of waste at the Site is prohibited.

Site Access

(8) (a) Waste shall only be accepted during the following time periods:
Monday, Tuesday, Thursday, Friday and Saturday from 8:30 a.m. to 4:45 p.m.

(b) Notwithstanding condition 2(8)(a), waste from Township operations may be accepted outside the hours provided in condition 2(8)(a) when a Trained Personnel are available on Site.

(9) On-site equipment used for daily site preparation and closing activities may be operated one (1) hour before and one (1) hour after the hours of operation approved by this Approval.

(10) With the prior written approval from the District Manager, the time periods may be extended to accommodate seasonal or unusual quantities of waste.

Site Security

(11) No waste shall be received, landfilled or removed from the Site unless a site supervisor or an attendant is present and supervises the operations during operating hours. The Site shall be

closed when a site attendant is not present to supervise operations at the Site.

(12) The Site shall be operated and maintained in a safe and secure manner. During non-operating hours, the Site entrance and exit gates shall be locked and the Site shall be secured against access by unauthorized persons.

3. EMPLOYEE TRAINING

(1) A training plan for all employees that operate any aspect of the Site shall be developed and implemented by the Owner or the Operator. Only Trained Personnel shall operate any aspect of the Site or carry out any activity required under this Approval.

4. COMPLAINTS RESPONSE PROCEDURE

(1) If at any time the Owner receives complaints regarding the operation of the Site, the Owner shall respond to these complaints according to the following procedure:

(a) The Owner shall record and number each complaint, either electronically or in a log book, and shall include the following information: the nature of the complaint, the name, address and the telephone number of the complainant if the complainant will provide this information and the time and date of the complaint;
(b) The Owner, upon notification of the complaint, shall initiate appropriate steps to determine possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint and forward a formal reply to the complainant; and
(c) The Owner shall complete and retain on-site a report written within one (1) week of the complaint date, listing the actions taken to resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of similar incidents.

5. EMERGENCY RESPONSE

(1) All Spills as defined in the EPA shall be immediately reported to the **Ministry's Spills Action Centre at 1-800-268-6060** and shall be recorded in the log book as to the nature of the emergency situation, and the action taken for clean-up, correction and prevention of future occurrences.

(2) In addition, the Owner shall submit, to the District Manager a written report within three (3) business days of the emergency situation, outlining the nature of the incident, remedial measures taken, handling of waste generated as a result of the emergency situation and the measures taken to prevent future occurrences at the Site.

(3) All wastes resulting from an emergency situation shall be managed and disposed of in accordance with the EPA and Regulation 347.

(4) All equipment and materials required to handle the emergency situations shall be:

(a) kept on hand at all times that waste landfilling and/or handling is undertaken at the Site; and
(b) adequately maintained and kept in good repair.

(5) The Owner shall ensure that the emergency response personnel are familiar with the use of such equipment and its location(s).

6. INSPECTIONS, RECORD KEEPING AND REPORTING

Daily Inspections and Inspection Log

(1) An inspection of the entire Site and all equipment on the Site shall be conducted each day the Site is open to ensure that:

(a) the Site is secure;
(b) the operation of the Site is not causing any nuisances;
(c) the operation of the Site is not causing any adverse effects on the environment or impairing water quality; and
(d) the Site is being operated in compliance with this Approval.

(2) Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the Site if needed.

(3) An electronic or written record of the inspections shall be maintained and shall include the following:

(a) the name and signature of person that conducted the inspection;
(b) the date and time of the inspection;
(c) the list of all deficiencies discovered during the inspections, including but not limited to:
  (i) the presence of any leachate seeps;
  (ii) the condition of the landfill gases venting system;
  (iii) poor drainage conditions and ponding of surface water; and
  (iv) the presence of waste outside of the approved fill area.
(d) the recommendations for remedial action to address the identified deficiencies; and
(e) the date, time and description of the remedial actions taken.

Daily Waste Log

(4) A daily log shall be maintained in written or electronic format and shall include the following information:

(a) the type, date and estimated quantity (tonnes) of all waste, including non-landfilled waste received at the Site;
(b) the type, date and estimated quantity (tonnes) of cover material applied at the Site;
(c) the area of the Site in which waste disposal operations are taking place;
(d) a record of litter collection activities and the application of any dust suppressants;

(e) A record of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known; and
(f) a description of any out-of-service period of any control, treatment, disposal or monitoring facilities, the reasons for the loss of service, and action taken to restore and maintain service.

Other Information

(5) Any information requested, by the Director, the District Manager or a Provincial Officer, concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided to the Ministry, upon request.

Annual Report

(6) A written report on the development, operation and monitoring of the Site, shall be completed annually (the "Annual Report"). The Annual Report shall be submitted to the District Manager, by April 30th of the year following the period being reported upon.

(7) The Annual Report shall include but not be limited to the following information:

(a) the results and an interpretive analysis of the results of all leachate, groundwater surface water and landfill gas monitoring, including an assessment of the need to amend the monitoring programs;
(b) an assessment on the Site's compliance with RUG;
(c) an assessment of the operation and performance of all engineered facilities, the need to amend the design or operation of the Site ,and the adequacy of and need to implement the Ministry approved contingency plans;
(d) site plans showing the existing contours of the Site; areas of landfilling operation during the reporting period; areas of intended operation during the next reporting period; areas of excavation during the reporting period; the progress of final cover, vegetative cover, and any intermediate cover application; facilities existing, added or removed during the reporting period; and site preparations and facilities planned for installation during the next reporting period;
(e) calculations of the volume of waste, daily and intermediate cover, and final cover deposited or placed at the Site during the reporting period and a calculation of the total volume of Site capacity used during the reporting period;
(f) a calculation of the remaining capacity of the Site or an estimate of the remaining Site life;
(g) summary of total annual quantity (tonnes) of waste received at the Site;
(h) a summary of any complaints received and the responses made;
(i) a summary of the information included in the logs required by conditions 6(1) to 6(5) inclusive, conditions 4(1)(c), 5(1), 5(2), 10(2) & 11(4);
(j) a summary of the daily waste log;
(k) a discussion of any operational problems encountered at the Site and corrective action taken;
(l) any changes to the Ministry approved Design and Operations Report and the Closure

Plan that have been approved by the Director since the last Annual Report;

(m) a report on the status of all monitoring wells and a statement as to compliance with Regulation 903;

(n) a description and location of any leachate seeps identified during the daily inspection of the Site and the mitigative measures taken to address the presence of seeps;

(o) a summary of the daily inspections conducted over the monitoring period;

(p) any other information with respect to the Site which the District Manager may require from time to time; and

(q) a copy of the most current ministry approved monitoring programs in table format

(r) compliance status with all conditions of the Approval and the approved Design and Operations Plan.

(s) a "Monitoring and Screening Checklist" completed and signed by a Qualified Professional.

7. LANDFILL DESIGN AND DEVELOPMENT

Approved Waste Types

(1) Only municipal waste as defined under Regulation 347 being solid non-hazardous shall be accepted at the Site for landfilling.

(2) The Owner shall develop and implement a program to inspect waste to ensure that the waste received at the Site is of a type approved for acceptance under this Approval.

(3) The Owner shall ensure that all loads of waste are properly inspected by Trained personnel prior to acceptance at the Site and that the waste vehicles are directed to the appropriate areas for disposal or transfer of the waste. The Owner shall notify the District Manager, in writing, of load rejections at the Site within one (1) business day from their occurrence.

Service Area

(4) Only waste that is generated within the boundaries of the Township of Leeds and the Thousand Islands may be accepted at the Site.

Cover

(5) Alternative materials to soil may be used as weekly and interim cover material, based on an application with supporting information and applicable fee for a trial use or permanent use, submitted by the Owner to the Director, copied to the District Manager and as approved by the Director. The alternative material shall be non-hazardous according to Regulation 347 and will be expected to perform at least as well as soil in relation to the following functions:

(a) Control of blowing litter, odours, dust, landfill gas, gulls, vectors, vermin and fires;

(b) Provision for an aesthetic condition of the landfill during the active life of the Site;

(c) Provision for vehicle access to the active tipping face; and

(d) Compatibility with the design of the Site for groundwater protection, leachate

management and landfill gas management.

(6) Cover material shall be applied as follows:

(a) Periodic Cover - Weather permitting, deposited waste shall be covered weekly during summer months and once every two weeks during winter months in a manner acceptable to the District Manager so that no waste is exposed to the atmosphere;
(b) Intermediate Cover - In areas where landfilling has been temporarily discontinued for six (6) months or more, a minimum thickness of 300 millimetre of soil cover or an approved thickness of alternative cover material shall be placed; and
(c) Final Cover - In areas where landfilling has been completed to final contours, a minimum 600 millimetre thick layer of soil of medium permeability and 150 millimetres of top soil (vegetative cover) shall be placed within three (3) months. Fill areas shall be progressively completed and rehabilitated as landfill development reaches final contours.

Capacity

(7) The calculated theoretical maximum volumetric capacity of the Site, consisting of the waste, daily cover, but excluding the final cover is, 264,387 cubic metres.

8. LANDFILL MONITORING

Landfill Gas

(1) The Owner shall ensure that any buildings or structures at the Site contain adequate ventilation systems to relieve any possible landfill gas accumulation to prevent methane concentration reaching the levels within its explosive range. Routine monitoring for explosive methane gas levels shall be conducted in all buildings or structures at the Site, especially enclosed structures which at times are occupied by people.

(2) The Owner shall maintain passive landfill gas vents on Site. In addition, the Owner shall install two additional gas vents to mitigate gas accumulation within the waste within a timeframe acceptable to the District Manager.

Surface Water and Groundwater

(3) The Owner shall monitor surface water and groundwater in accordance with the monitoring programs outlined in Tables 1 & 2 of Schedule "B".

(4) Within six months of the acquisition of the groundwater easement as outlined in Condition 1(16), the Owner shall provide to the District Manager for approval of an action plan with timelines to bring the Site into compliance with the Reasonable Use Guideline B-7. The action plan shall include the following as a minimum:

(a) Installation of additional monitoring wells, if necessary, to delineate leachate impacts in

the overburden and bedrock units;

(b) Commissioning of new surface water monitoring locations for assessing surface water impacts;

(c) Construction/realigning existing drainage ditches or rerouting of surface water discharge containing leachate impacted groundwater;

(d) Adequacy of the existing monitoring network for assessing leachate quality and leachate related impact on the groundwater and surface water quality; and

(f) Appropriate contingency plan to be implemented which may include acquisition of an appropriate buffer and CAZ once leachate impacts have been delineated.

Leachate Monitoring

(5) The Owner shall construct one (1) dedicated leachate monitor within Phase 1 footprint area at location acceptable to the District Manager within two years of the issuance of the Approval.

(6) The leachate level and sampling and chemical testing shall occur concurrently with the groundwater monitoring as outlined in Table 1, Schedule "B".

Compliance

(7) The Site shall be operated in such a way as to ensure compliance with the following:

(a) Reasonable Use Guideline (RUG) for the protection of the groundwater at the Site; and

(b) Provincial Water Quality Objectives included in the July 1994 publication entitled Water Management Policies, Guidelines, Provincial Water Quality Objectives, as amended from time to time or limits set by the Regional Director, for the protection of the surface water at and off the Site.

Groundwater Wells and Monitors

(8) The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage and maintained in accordance with Regulation 903.

(9) Any groundwater monitoring well included in the on-going monitoring program that is damaged shall be assessed, repaired, replaced or decommissioned by the Owner, as required.

(a) The Owner shall repair or replace any monitoring well which is destroyed or in any way made to be inoperable for sampling such that no more than one regular sampling event is missed.

(b) All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the Director or the District Manager for abandonment, shall be decommissioned by the Owner, as required, in accordance with Regulation 903, to prevent contamination through the abandoned well. A report on the decommissioning of the well shall be included in the Annual Report for the period during which the well was decommissioned.

Trigger Mechanisms and Contingency Plan

(10) (a) Within six (6) months of the acquisition of the groundwater easement as outlined in Condition 1(16), the Owner shall submit to the District Manager for approval, a detailed trigger mechanisms plan for surface water and groundwater (overburden and bedrock) quality monitoring for the purpose of initiating investigative activities into the cause of increased contaminant concentrations and a contingency plan to be implemented in the event that the surface water or bedrock groundwater quality exceeds any trigger mechanism.

(b) Within thirty (30) days of receiving the written confirmation from the District Manager of the acceptance of the trigger mechanism and contingency plan, the Owner shall apply to the Director requesting the Approval be amended to incorporate the trigger mechanism and contingency plan into the Approval issued for the Site.

(11) Subject to the approval of the trigger mechanism and contingency plan required in Condition 8(10), in the event of a confirmed exceedance of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate, the Owner shall immediately notify the District Manager, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the Owner in accordance with the approved trigger mechanisms and associated contingency plans.

(12) If monitoring results, investigative activities and/or trigger mechanisms indicate the need to implement contingency measures, the Owner shall ensure that the following steps are taken:

(a) The Owner shall notify the District Manager, in writing of the need to implement contingency measures, no later than seven (7) days after confirmation of the exceedances;

(b) within six (6) months from the date of confirming the need to implement contingency measures, detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted by the Owner to the Director for approval; and

(c) The contingency measures shall be implemented by the Owner upon approval by the Director.

(13) The Owner shall ensure that any proposed changes to the site-specific trigger levels for leachate impacts to the surface water or groundwater, are approved in advance by the Director via an amendment to this Approval.

Changes to the Monitoring Plan, Trigger Mechanism and Contingency Plan

(14) The Owner may request to make changes to the monitoring program(s), Trigger Mechanism and Contingency Plan to the District Manager in accordance with the recommendations of the annual report. The Owner shall make clear reference to the proposed changes in a separate letter that shall accompany the annual report.

(15) Within thirty (30) days of receiving the written correspondence from the District Manager confirming that the District Manager is in agreement with the proposed changes to the environmental monitoring program, the Owner shall forward a letter identifying the proposed changes and a copy of the correspondences from the District Manager and all other correspondences and responses related to the changes to the monitoring program, to the Director requesting the Approval be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.

(16) In the event any other changes to the environmental monitoring program are proposed outside of the recommendation of the annual report, the Owner shall follow current Ministry procedures for seeking approval for amending the Approval.

9. LANDFILL CLOSURE PLAN

(1) The Site shall be closed in accordance with the closure plan provided in the Design and Operations Report included as Item 9 in Schedule "A".

10. WASTE DIVERSION AND TRANSFER STATION OPERATIONS

(1) The Owner designed, developed, built, operated and maintained Transfer Station in accordance with the Design and Operation Reports included as Item 9 in the Schedule "A"

(2) Only solid non-hazardous waste (plastics, cans, and newsprint, white goods appliances containing no referigrant, scrap metal, furniture, e-waste (electronics and electrical equipment, cardboard and tires) shall be accepted at the Transfer Station.

(3) The total amount of tires stored at the transfer station at any one time shall not exceed 700 tire units.

(4) The municipal solid non-hazardous waste dropped off by the area residents shall be collected in 4 to 6 roll-off bins, each having capacity of 35.5 cubic meter, and the bins shall be labelled and placed at locations shown on Figure 3, Appendix C of the Design and Operation Reports included as Item 9 of the Schedule "A".

(5) Upon closure of the landfill site, the household waste quantity that can be accepted at the site shall not exceed 50 tonnes per week and 2,500.00 tonnes per year. The household waste shall be removed and transfer to a licenced waste site by a licenced hauler at least once after every two weeks.

Labelling of Bins

(6) The Owner shall ensure that:

(a) all bins and waste storage areas are clearly labelled;
(b) all lids or doors on bins shall be kept closed during non-operating hours and during high wind events;

(c) if necessary to prevent litter, waste storage areas shall be covered during high wind events; and
(d) Refrigerant Appliances have been tagged to indicate that the refrigerant has been removed by a licensed technician. The tag number shall be recorded in the log book and shall remain affixed to the appliance until transferred from the Site.
(e) Collection, storage and transfer of Electrical and Electronic Equipment waste shall be in accordance with Item 9 of the Schedule "A".
(f) Household batteries shall be kept in leak-proof, non-metallic or lined metal containers, in a manner which prevents contact with stormwater. Situate fire extinguishers close to the containers.

(7) As a minimum, the Owner shall transfer waste and recyclable materials from the Site as follows:

(a) recyclable materials shall be transferred off-site once their storage bins are full;
(b) scrap metal shall be transferred off-site at least twice a year;
(c) tires shall be transferred off-site as soon as a load for the contractor hired by the Owner has accumulated or as soon as the accumulated volume exceeds the storage capacity of its bunker; and
(d) immediately, in the event that waste is creating an odour or vector problem.

(8) The Owner shall notify the appropriate contractors that waste and recyclable wastes that are to be transferred off-site are ready for removal. Appropriate notice time, as determined by the contract shall be accommodated in the notification procedure.

(9) Unless exempt under legislation, waste must be transported by a Ministry approved hauler and must be transported to a Ministry approved receiving site.

(10) All wastes and recyclable materials shall be managed and disposed in accordance with the EPA and Reg. 347.

Inspections

(11) An inspection of the Transfer Station and associated equipment and/or structures, shall be conducted each day the Transfer Station is in operation to ensure security, that the operation is not causing any nuisance such as odour, litter, dust, and vectors/vermin, and/or adverse effects on the environment. Any deficiencies discovered as a result of the inspection shall be remedied as soon as practicable, including temporarily ceasing of operations at the Transfer Station for waste diversion, if necessary.

(12) A record of the inspections shall be kept in a daily log book, that includes the following information:

(a) the name and signature of the person who conducted the inspection;
(b) the date and time of the inspection;
(c) a list of any deficiencies discovered;

(d) any recommendations for remedial action; and
(e) the date, time and description of actions taken.

(13) The Owner shall post a sign in a prominent location at the Site entrance which clearly states:

(a) the hours of operation of the transfer station;
(b) the types of waste which are accepted at the transfer station;
(c) the area serviced by the transfer station;
(d) the Environmental Compliance Approval number of the Site;
(e) the Owner's name; and
(f) staff contact name and telephone number to call in the event of an emergency.

(14) (a) The Owner shall ensure that a trained employee(s) is/are on duty at all times when the Site is open to ensure proper supervision of all activities; and

(b) Prior to being accepted at the Site, all incoming waste and recyclable materials shall be inspected by the trained employee and shall only be permitted to enter the Site if the Site is approved to accept that type of waste.

Operation Manuals

(15) The Owner shall ensure that an up-to-date operations manual is maintained at the Site for use by site personnel during the operating lives of all on-site waste management facilities. The updated operations manual shall contain as a minimum, the following information:

(a) outline of the responsibilities of site personnel in respect of all on-site waste management facilities;
(b) personnel training protocol;
(c) proper receiving and recording procedures, including wastes which are refused at the Site ;
(d) identification of all wastes and procedures for separation;
(e) proper storage, handling, sorting and shipping procedures;
(f) contingency procedures to be followed by personnel in the event of spill, fire and any other emergencies.

Daily Log Book

(16) A daily log shall be maintained in written format and shall include the following information:

(a) date of operation;
(b) types (class and primary characteristic), quantities and source of waste received and transferred;
(c) quantities and destination of each type of waste shipped from the Transfer Station;
(d) a record of daily inspections required by this Certificate;
(e) a record of any spills or operation upsets at the Site, including the Transfer Station, the nature of the spill or operation upset, and the action taken for the clean up or correction,

the time and date of the spill or operation upset, and for spills, the time that the Ministry and other persons were notified of the spill in fulfilment of the reporting requirements in the EPA;

(f) a record of any waste refusals which shall include; amounts, reasons for refusal and actions taken;

(g) the signature of the Trained Personnel conducting the inspection and completing the report.

Closure Plan

(17) A Closure Plan for the Transfer Station shall be submitted to the Director for approval prior to the scheduled date of closure of the Transfer Station, with a copy to the District Manager. The Closure Plan shall include, at a minimum, a description of the work that will be done to facilitate closure of the Transfer Station and a schedule for completion of that work.

(18) The Transfer Station shall be closed in accordance with the approved Closure Plan.

(19) Within 10 days after closure of the Transfer Station, the Owner shall notify the Director, in writing, that the Transfer Station is closed and that the approved Closure Plan has been implemented.

11. LEAF AND YARD WASTE COMPOSTING

(1) The amount of Leaf and Yard Waste received at the Site for composting shall not exceed 50.0 tonnes per day and 2,000.00 tonnes per year.

(2) The Owner shall ensure that composting and curing are conducted in accordance with the Compost Quality Standards as amended, Ministry, and with the requirements as listed below:

(a) waste accepted for composting shall be limited to Leaf and Yard Waste.Chipping of tree limbs larger than 7 cm can occur at the site for use in composting operations to enhance aeration or alternative landfill cover material.

(b) no more than 3,150 cubic meters of Leaf and Yard Waste, Immature Compost and Finished Compost shall be stored at the Compost Pad at any one time;

(c) all activities associated with the leaf and yard waste composting operation shall take place on the Compost Pads;

(d) Leaf and Yard Waste shall be incorporated into windrows within four (4) days of receipt;

(e) Finished compost may be stored for a maximum of twelve (12) months after the curing phase is complete;

(f) windrows shall be arranged in a manner which allows equipment access for efficient turning of windrows and to allow access for emergency vehicles;

(g) all waste being composted shall be held at a temperature of at least 55 $^{\circ}$C for a minimum of fifteen (15) cumulative days to ensure proper bacteria growth and pathogen inactivation. During this period, the temperature of the waste being composted shall be monitored and recorded on each working day that the Leaf and Yard Waste composting

facility is in operation, and the windrows shall be turned a minimum of five (5) times. During the high temperature period, the windrow shall be turned at least five times;

(i) during the remainder of the composting process, the temperature shall be monitored and recorded on a weekly basis at a minimum; and

(j) compost shall be cured for a minimum of six (6) months;

(3) (a) The Owner shall ensure that all incoming Leaf and Yard Waste received does not exceed the maximum concentrations for metals as set out in Table 3.2 of the Compost Quality Standards, for the intended end use category of Compost.

(b) Prior to being transferred from the Site for its intended end use, the Owner shall:

(i) conduct quality control testing of the Finished Compost in accordance with the requirements set out in the Compost Quality Standards;

(ii) ensure that all production records demonstrate compliance with the temperature and residency time requirements for pathogen inactivation set out in the Compost Quality Standards.

(c) All sampling and testing required in this Approval for the purpose of verifying compliance shall be undertaken in compliance with the Compost Quality Standards.

(d) Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 2 of Table 3.1 of the Compost Quality Standards and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Compost Quality Standards may be transferred from the Site:

(i) for unrestricted use as Category AA Compost;

(ii) for use as a non-agricultural source material in accordance with the NMA; or

(iii) for use as alternative daily, interim or final landfill cover.

(e) Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 3 of Table 3.1 of the Compost Quality Standards and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Compost Quality Standards may be transferred from the Site:

(i) for unrestricted use as Category A Compost, provided that the labelling requirements as specified in the Compost Quality Standards are met;

(ii) for use as a non-agricultural source material in accordance with the NMA. or

(iii) for use as alternative daily, interim or final landfill cover.

(f) Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 4 of Table 3.1 of the Compost Quality Standards and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Compost Quality Standards may be transferred from the Site:

(i) for use as a non-agricultural source material in accordance with the NMA; or
(ii) for use at a waste disposal facility approved to receive this type of waste.

(g) Finished Compost which does not exceed the maximum concentrations for metals as set out in Table 3.1 of the Compost Quality Standards and which complies with the foreign matter quality requirements, the pathogen reduction requirements and the pasteurization temperature and residency time requirements but not with the maturity requirements set out in the Compost Quality Standards is considered to be an Immature Compost and a waste and shall:

(i) be re-tested and/or shall continue to undergo curing at the Site;
(ii) be disposed of as waste at a waste disposal site approved by the Ministry, or its equivalent if in jurisdictions outside of Ontario, to accept such waste.

(h) Finished Compost which does not exceed the maximum concentrations for metals as set out in Table 3.1 of the Compost Quality Standards and which complies with the foreign matter quality requirements, the maturity requirements but not with the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Compost Quality Standards is considered to be a waste and shall:

(i) be returned to the Composting process for pasteurization as set out in this Approval;
(ii) be disposed of as waste at a waste disposal site approved by the Ministry, or its equivalent if in jurisdictions outside of Ontario, to accept such waste.

(i) If Finished Compost exceeds the maximum concentrations for metals in Compost for its intended end use, as set out in Table 3.1 of the Compost Quality Standards, but meets the maximum concentrations for metals in the incoming Leaf and Yard Waste referred to as feedstock in Table 3.2 of the Compost Quality Standards, it may be returned to the composting process as waste for re-processing and handled in accordance with the applicable end use requirements.

(4) The Owner shall maintain, at the Leaf and Yard Waste compost facility records for a minimum of two (2) years, a log book or electronic file format the following information on the days the site is open:

(a) date of record;
(b) quantities and source of leaf and yard waste received;

(c) the amount of finished compost and/or rejected compost shipped from the Site;
(d) a record of daily inspections including the following information as a minimum;
  (i) time and date of inspection;
  (ii) name and title of inspector;
  (iii) potential impacts noted;
  (iv) remedial actions taken; and
  (v) measures to prevent the problem from recurring;

(e) windrow temperature readings;
(f) composting activities undertaken (e.g. windrow formation, turning, screening etc);
(g) meteorological information including ambient temperature, wind direction and wind speed; and
(h) with respect to the compost sampling required by Condition 11 (3), the Owner shall maintain the following records as a minimum:

  (i) sample collection locations and volume of the samples collected;
  (ii) day and time of collection;
  (iii) sample handling procedures;
  (iv) parameters tested for and the resulting concentrations;
  (v) name of the laboratory facility doing the testing; and
  (vi) conclusions drawn with respect to the results of the monitoring and testing.

(5) By March 31st of each year, the Owner shall include the following information as a minimum in the Annual Report required under the Condition 6 (6):

(a) a monthly summary of the quantity of leaf and yard waste received;
(b) a monthly summary of finished compost transferred and the amount and destination of any rejected compost;
(c) analytical results of samples taken from the Finished Compost;
(d) a description of any environmental or operational problems, that could negatively impact the environment, encountered during the operation of the leaf and yard waste compost facility and the mitigative actions taken;
(e) a statement as to compliance with all Conditions of this Approval and with the inspection and reporting requirements of the Conditions herein; and
(f) any recommendations to minimize environmental impacts from, or improve the operations of, the leaf and yard waste compost facility.

(6) Within 1 year of the issuance of the Approval and prior to the commencement of the composting operations, the Owner shall apply and seek s. 53, OWRA, approval in order to comply with the Ministry's requirements.

SCHEDULE "A"

1. Application for a Certificate of Approvals for a Waste Disposal Site dated July 28, 1971 including the following documents attached:
   - Supporting information to an Application for Approval of a Landfill Disposal Site.
   - Memo Williamson-Rivoche dated August 9, 1971.
   - Letter dated Aug. 4, 1971 from Mrs. Crawford, Municipality of Front of Leeds & Lansdowne.
   - Ontario Water Resources Commission memo dated July 26, 1971, to Mr. Rivoche from L. G. South, District Engineer.
   - O.W.R.C. copy of letter to Mr. Poldervaart, dated July 23, 1971.
   - Copy of W.M.B. letter from G.B. Rivoche to Mrs. G. Crawford, dated June 21, 1971.
   - Aerial photograph of proposed site.
   - Letter from Mr. L. Poldervaart dated July 5, 1971.
   - Letter and petition dated July 9, 1971 from people of the area.

2. Application for a Certificate of Approval for a Waste Disposal Site (Transfer) dated June, 1990.

3. Report of Analysis of "fine material" by ACCUTEST laboratories ltd. dated November 25, 1998.

4. Amendment application for approval of a waste disposal site dated May 25, 1999 and a cover letter by Milburn Waster Resources Management dated May 17, 1999.

5. A fax message dated June 10, 1999, from Jim Mulder, Milburn Waste Resources Management to Tesfaye Gebrezghi, Ministry of Environment.

6. Application for a Provisional Certificate of Approval amendment for a Waste Disposal Site dated December 4, 2000 and a covering letter dated December 1, 2000, both signed by Wayne Forbes, Roads and Public Roads Supervisor, the Township of Leeds and the Thousand Islands.

7. A fax message dated January 18, 2001, from Wayne Forbes, Roads and Public Roads Supervisor, the Township of Leeds and the Thousand Islands to Ministry of the Environment.

8. Application for Environmental Compliance Approval for Waste Disposal, dated August 12, 2021.

9. Development, Operations and Closure Plan and Transfer Station Design and Operations Plan for the Lansdowne Waste Disposal Site, Malroz Engineering Inc., dated August 2021.

10. Addendum, Design and Operation of a Windrow Composting Facility, Design, Operation and Closure Plan and Transfer Station Design and Operation Plan, Lansdowne Waste Disposal

Site, Malroz Engineering Inc., dated April 2022.

11. Email from John Pyke, P.Geo., Malaroz Engineering Inc. to Abdul Quyum, P.Eng., Waste Approval Branch, dated April 8, 2022, including attachments: Current (2021) monitoring program, GW Review comments and Addendum Operation of Compost Facility.

12. Email from John Pyke, P.Geo., Malaroz Engineering Inc. to Abdul Quyum, P.Eng., Waste Approval Branch, dated May 31, 2022, including attachments: Drawing C-101 and C-102 and Report: Stormwater Management Design Brief, Lansdowne Compost Facility, Groundwork Engineering Limited, dated May 27, 2022.

SCHEDULE "B"

Table 1: Groundwater Monitoring Program

Tasks	Analyses	Groundwater Wells
Monitoring • Visual inspection of wells. • Survey well location with GPS. • Measure combustible vapours in wells. • Measure depth to water and depth to well bottom. **Groundwater Sampling** • Purge and sample each location (3 to 5 well volumes). • Examine water for impact (e.g., discolouration, LNAPL). • Measure field parameters. • Submit samples for field analyses. **Well Inspection** • Assess the condition of all monitoring wells included in the groundwater monitoring program.	**Field Parameters** Temperature, pH, dissolved oxygen, oxidizing/reducing potential, conductivity, and turbidity. **Laboratory Parameters:** Alkalinity, Boron, N – Ammonia, Cadmium, BOD, Calcium, COD, Chromium, DOC, Cobalt, Conductivity, Copper, Hardness, Iron, pH, Lead, Phenols, Magnesium, Phosphorus (total), Manganese, TDS, Potassium, TSS, Silver, Total Kjeldahl Nitrogen, Sodium, Chloride, Strontium, N – Nitrate, Uranium, N – Nitrite, Vanadium, Sulphate, Zinc, Mercury, Aluminum, Arsenic, and Barium. Volatile Organic Compounds (VOCs) to be analyzed every 5 years (next round in 2023).	**Existing Wells** 91-1, 91-2 (destroyed), 91-3, 91-4, 11-1*, 11-2*, 11-3, 11-4*, 11-5 (destroyed), 11-6, 11-7, 15-2, 15-1 (formerly 03-2) **Malroz Wells:** MW101, MW102 (bedrock), MW103, MW104 (bedrock), MW105*, MW106*, MW107* (bedrock), MW201 (bedrock), MW202, MW203* (bedrock). **Drinking Water Wells:** 572 Eden Grove Road (County Road 34) **Additional Wells (installed in 2019)** MW201, MW202, MW203 **Additional Well (installed in July 2021)** MW301

* Denotes wells were sampled via low flow methods using a peristaltic pump

Table 2: Surface Water Monitoring Program

Tasks	Analyses	Surface Water Stations
•examine water for impact (discolouration, staining) •measure field parameters •measure flow •sample each surface water station •submit samples for analyses	**Field Parameters** temperature, pH, dissolved oxygen, oxidizing/reducing potential, conductivity, turbidity, flow. **Laboratory Parameters** Schedule 5, Column 3: alkalinity, ammonia, un-ionized ammonia, arsenic, barium, boron, BOD, cadmium, chloride, chemical oxygen demand, chromium, conductivity, copper, iron, lead, mercury, nitrate, nitrite, total kjeldahl nitrogen, pH, total phosphorus, phenols, TDS, total suspended solids, sulphate, zinc. Plus: aluminum, calcium, cobalt, DOC, hardness, phosphorus (total dissolved), magnesium, manganese, nickel, potassium, silver, sodium, strontium, vanadium.	**North Watercourse:** SW4, SW6 (voluntary), SW8, SW12, SW14*, SW16 **South Watercourse:** SW1, SW11, SW13*, SW15

* Denotes station proximal to the confluence of the north and south watercourses

The reasons for the imposition of these terms and conditions are as follows:

GENERAL

The reason for Conditions 1(1), (2), 1(4) through (10), 1(18) through 1(21), 1(23), 1(24), 1(25), and 11(6) is to clarify the legal rights and responsibilities of the Owner and Operator under this Approval.

The reasons for Condition 1(3), 7(5) and 7(6) are to ensure that the Site is designed, operated, monitored and maintained in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

The reasons for Condition 1(11) are to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.

The reasons for Condition 1(12) are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval.

The reason for Condition 1(13) is to ensure that the successor is aware of its legal responsibilities.

The reasons for Condition 1(14) through 1(17) are that the Part II.1 Director is an individual with authority pursuant to Section 197 of the Environmental Protection Act to require registration on title and provide any person with an interest in property before dealing with the property in any way to give a copy of the Approval to any person who will acquire an interest in the property as a result of the dealing.

The reason for Condition 1(22) is to ensure that appropriate Ministry staff has ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Approval. This Condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the Act, the OWRA, the PA, the NMA and the SDWA.

Condition 1 (26) has been included in order to clarify what information may be subject to the Freedom of Information Act.

SITE OPERATION

The reasons for Conditions 2(1), 2(6), 6(1) and 6(2) are to ensure that the Site is operated, inspected and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person.

The reason for Conditions 2(2) through 2(5), 7(2) and 7(3) is to ensure that users of the Site are

fully aware of important information and restrictions related to Site operations and access under this Approval.

The reasons for Condition 2(7) are open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance effects, and the potential fire hazard.

The reasons for Condition 2(8), 2(9) and 2(10) are to specify the hours of operation for the landfill site and a mechanism for amendment of the hours of operation, as required.

The reasons for Condition 2(11) and 2(12) are to ensure that the Site is supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.

EMPLOYEE TRAINING

The reason for Condition 3(1) is to ensure that the Site is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.

COMPLAINTS RESPONSE PROCEDURE

The reason for Condition 4(1) is to ensure that any complaints regarding landfill operations at this Site are responded to in a timely and efficient manner.

EMERGENCY RESPONSE

Conditions 5(1) and 5(2) are included to ensure that emergency situations are reported to the Ministry to ensure public health and safety and environmental protection.

Conditions 5(3), 5(4) and 5(5) are included to ensure that emergency situations are handled in a manner to minimize the likelihood of an adverse effect and to ensure public health and safety and environmental protection.

RECORD KEEPING AND REPORTING

The reason for Conditions 6(3) is to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes.

The reason for Conditions 6(4) and 6(5) is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this Approval (such as fill rate, site capacity, record keeping, annual reporting, and financial assurance requirements), the EPA and its regulations.

The reasons for Conditions 6(6) and 6(7) are to ensure that regular review of site development, operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. An annual report is an important tool used in

reviewing site activities and for determining the effectiveness of site design.

LANDFILL DESIGN AND DEVELOPMENT

The reason for Conditions 7(1), 7(4), and 7(7) inclusive is to specify the approved areas from which waste may be accepted at the Site and the types of waste that may be accepted for disposal at the Site and the Site capacity, based on the Owner's application and supporting documentation.

Condition 7(5) is to provide the Owner the process for getting the approval for alternative daily and intermediate cover material.

The reasons for Condition 7(6) are to ensure that daily/weekly and intermediate cover are used to control potential nuisance effects, to facilitate vehicle access on the Site, and to ensure an acceptable site appearance is maintained. The proper closure of a landfill site requires the application of a final cover which is aesthetically pleasing, controls infiltration, and is suitable for the end use planned for the Site.

LANDFILL MONITORING

Reasons for Condition 8(1) and 8(2) are to ensure that off-site migration of landfill gas is monitored and all buildings at the Site are free of any landfill gas accumulation, which due to a methane gas component may be explosive and thus create a danger to any persons at the Site.

Conditions 8(3), 8(5) and 8(6) are included to require the Owner to demonstrate that the Site is performing as designed and the impacts on the natural environment are acceptable. Regular monitoring allows for the analysis of trends over time and ensures that there is an early warning of potential problems so that any necessary remedial/contingency action can be taken.

Condition 8(4) is included to require the Owner to bring the Site into compliance within a reasonable timeframe.

Condition 8(7) is included to provide the groundwater and surface water limits to prevent water pollution at the Site.

Conditions 8(8) and 8(9) are included to ensure the integrity of the groundwater monitoring network so that accurate monitoring results are achieved and the natural environment is protected.

Conditions 8(10) to 8(13) inclusive are added to ensure the Owner has a plan with an organized set of procedures for identifying and responding to potential issues relating to groundwater and surface water contamination at the Site's compliance point.

Conditions 8(14), 8(15) and 8(16) are included to streamline the approval of the changes to the monitoring plan.

CLOSURE PLAN

The reasons for Condition 9(1) are to ensure that final closure of the Site is completed in an aesthetically pleasing manner, in accordance with Ministry standards, and to ensure the long-term protection of the health and safety of the public and the environment.

WASTE DIVERSION

Condition 10 is included to ensure that the recyclable materials are stored in their temporary storage location and transferred off-site in a manner as to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.

COMPOSTING

Condition 11 was added to ensure that composting is undertaken in a manner which does not result in a nuisance or a hazard to the health and safety of the environment or people.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A442003 issued on March 24, 2016

In accordance with Section 139 of the *Environmental Protection Act,* you may by written notice served upon me and the Ontario Land Tribunal within 15 days after receipt of this notice, require a hearing by the Tribunal. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act,* a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

The Director appointed for the purposes of Part II.1 of the *Environmental Protection Act*
Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.oltt.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act.*

DATED AT TORONTO this 30th day of June, 2022

Mohsen Keyvani, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

AQ/
c: District Manager, MECP Kingston - District
John Pyke, Malroz Engineering Inc.

Appendix D

Site Photos

1. Gulls observed on working face.
May-2024

2. Garbage along western fence.
May-2024

3. Litter on top of waste hill between middle and south methane vents.
May-2024

4. North methane vent.
May-2024

5. View of the front gate sign.
November-2024

6. Pooled water in fill area.
May-2024

7. SW13.
November-2024

8. SW4.
May-2024

9. Damaged 15-2.
May-2024

10. Damage to the top of 11-4 with peristaltic set up.
November-2024

11. MW203 and MW106 with peristaltic set up.
May-2024

12. 91-3 missing well casing.
November-2024

13. View of furthest north test pit facing west.
December-2024

14. Eastern test pit facing north.
December-2024

15. View of test pit excavation.
December-2024

16. View of waste mound facing north.
December-2024

17. View of the excavator digging a test pit.
December-2024

18. View of waste excavated from test pit.
December-2024

19. View of tires and metal excavated from test pit.
December-2024

20. View of test pit west of waste mound facing west.
December-2024

Appendix E

Ministry Correspondence

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street, 2nd Floor
Kingston, ON K7K 7A8
Canada

tel: 613/548-3446
fax: 613/548-7975
email: malroz@malroz.com

via: email

January 28, 2025
File: 1037.00-147

David Holliday
Township of Leeds and the Thousand Islands
1233 Prince St., P.O. Box 280
Lansdowne, Ontario, K0E 1L0
directoroperations@townshipleeds.on.ca

Subject: Landfill Reclamation Feasibility Study,
Township of Leeds and the Thousand Islands, Ontario

Dear Mr. Holliday:

Malroz Engineering Inc. (Malroz) was retained by the Township of Leeds and the Thousand Islands (TLTI or the Township) to participate in the Landfill Reclamation Feasibility study, and to comment on the Regulatory and Technical aspects.

As many other small municipalities across Ontario, the Township of Leeds and Thousand Islands (TLTI; the Township) is looking to extend the life of their landfills. A feasibility grant application was provided by the Federation of Canadian Municipalities (FCM) Green Municipal Fund (GMF) to evaluate if removing waste, diverting from the waste mound material to the circular economy, and/or compacting the remaining waste would assist in extending the operation life of the landfill, be economically feasible, and the regulatory framework involved. The feasibility study included both an operation landfill and two closed landfills.

Beyond the benefits to the Township, the project could foster innovation and technology transfer, leading to, processes, or solutions that can assist other communities facing similar challenges.

1 Background

Similar to many rural communities, the Township has acquired historic landfills upon its formation, and currently maintains three operating landfills, three closed landfills undergoing periodic monitoring, and three known historical landfills that are being evaluated. The operating landfills are reaching their respective estimated capacity (see Table 1):

- Lansdowne accepts the most waste (approximately 4,000 m^3/yr), and has an estimated 4 years of capacity remaining. When this landfill is closed, its typical influx of waste will have to be transferred

Table 1.1 Active Landfills in TLTI

	Briar Hill	Lansdowne	Escott
Year of First Operation	1972	1971	1980
Estimated Year of Closure	2061	2028	2034-2039
Years to Closure	30+	3-4	10-15
Used Capacity (m^3) [1]	34,753	249,198	37,105
Remaining Capacity (m^3)	50,847	15,189	2,895
Total Capacity (m^3)	85,600	264,387	40,000

Notes: [1] based on 2023 Capacity Data

to the other landfills. Should the waste then be transferred to Briar Hill or Escott, remaining municipal capacity could be less than 10 years.

- Briar Hill accepts waste at a rate of less than 1,500 m^3/yr, and has an estimated 37 years of capacity remaining.
- Escott has the smallest intake of waste (approximately 200-400 m^3/yr), and is the smallest operating landfill. Its lifespan was recently extended by compacting previously filled areas.

The Ontario Waste Management Association (OWMA) forecasts that Ontario's landfill capacity may be exhausted by 2032. In such an event, the Township would face a critical challenge as there would be nowhere to put their waste in Ontario after these landfills close.

Three Township landfills were considered as part of this feasibility study. Two of the landfills were closed in the 1970s to the satisfaction of the Ministry of Environment, Conservation and Parks (MECP) by fencing them off and covering them with two feet of soil. A recent inspection by current Ministry officers found that the landfill cover is not in a good state of repair, with exposed waste (including metal debris and tires) at both sites. Waste was observed in a seasonal watercourse at one site. Recently, an additional historical closed landfill was identified to the Township by the MECP and is undergoing evaluation. This scenario is not atypical of rural communities.

Reclaiming landfill space is being explored at the Township to extend the life of the landfill. Landfill reclamation excavates solid waste from landfills, screens the waste, recycles material where possible, and appropriately dispose of hazardous material, and returns the remainder of the material to a landfill with proper compaction. If the landfill continues to operate as an active site, the waste is returned, but the volume is reduced.

Baseline work was done at the two historical landfills (see Summary of Site Information Red Horse Lake Road Closed Waste Disposal Site and Summary of Site Information Big Hill Road Closed Waste Disposal Site) to evaluate the waste area, estimate the volume and type of waste, as well as evaluate risk, impacts and adverse effects and consider contaminant transport. This preliminary work helped set parameters for the feasibility study.

Areas within 500m of landfills have limitations on development to ensure that it is compatible with the landfill use and impacts. Reclaiming then delisting the waste disposal sites and restoring the surrounding environment can assist with removing this impediment to housing growth. While potentially reducing costs associated with maintaining and monitoring closed landfills.

This feasibility study[1] included three sites to determine the regulatory framework and associated costs, the technical ability to perform the required processes, hazards that may be encountered, and preliminary observations that can assist in scoping and costing a project.

2 Feasibility Study Overview

The three sites chosen for the feasibility study presented the different scenarios in the Township: one is an operating landfill with the site owned by TLTI, the other two were historical landfills on third-party properties. Of the historical landfills, both were sites where waste was dumped over a cliff; however, one had observations of waste in a seasonal water course, and the other did not. The waste at both historical sites was previously covered with soil as part of their respective closure plans in the 1970's; however, visual inspection of the landfill cap identified erosion, exposing waste. Both historical sites had challenging terrain making recovery without damaging the environment challenging.

2.1 Regulatory Framework

Given that landfills are designed and approved for waste placement and storage; the operational plans for landfills and their associated Environmental Compliance Approvals did not contemplate removal of waste from the site or excavation of the waste for investigations. As a part of pre-consultation to outline the proposed feasibility study and discussions between the MECP Kingston District Office, Eastern Region Technical Support and the Provincial Waste Approvals team were undertaken. This led to a site-by-site evaluation of the regulatory framework to complete the feasibility study, through to potential pathways to obtain approval for a larger implementation.

- For the operating site, Lansdowne, the MECP determined that limited excavation for investigation purposes was suitable subject to appropriate environmental controls being in place during the work and review of the environmental controls by the MECP.
- Larger-scale waste reclamation or removal at a landfill, operating or closed would involve amending the site ECA. This would be to permit either reclamation of capacity or in certain cases where it may be prudent to remove all of the waste. The amendment would include a recent survey identifying waste disposal area, excavation details including environmental monitoring and a description of measures that will be taken to prevent adverse effects (such as odour, dust,

1 A feasibility study determines whether a project can be done, and if it can be, what are general directions to take for further work.

vermin, surface water, and groundwater impacts). A plan to verify conditions at the site following waste removal, through environmental monitoring and reporting to the MECP. Subsequently, a further application will be completed to cancel the ECA at the site, should the MECP agree that sufficient work and documentation has been undertaken to determine the waste was removed and the associated ECA is no longer required.

- The ECA amendment would be subject to public comment through posting on the Environmental Registry of Ontario (ERO).

The Feasibility Study demonstrated that MECP requirements varied by site location. Considerations included the requirements stated under each ECA, potential for environmental impact, public participation and documentation of the steps completed.

Based on discussions with the MECP, Township personnel and the implementation of the work to date Regulatory Feasibility was demonstrated.

2.2 Technical Feasibility

Two sites had excavation activities completed to evaluate the waste composition and/or remove waste and reclaiming recyclables. Results of the initial excavation efforts at both sites showed the technical feasibility to excavate waste at both an operating and closed site, within the MECP regulatory requirements and assisted with determining the anticipated composition of the waste.

2.2.1 Red Horse Lake Road Historical WDS

Challenges included accessing the waste and removing the waste considering the limited site access and terrain, while sorting the materials into recyclables and waste.

Initial excavation resulted in four 20-yard roll-off bins of tires removed from the site, 2.23 tonnes of scrap metal removed and recycled, and 2.29 tonnes of waste removed from the Site.

Tires and some metals were easily removed from the recovered waste, but no other materials were identified as suitable to be effectively recycled. The rest of the waste was disposed of in operating landfills.

This preliminary excavation work was completed and reported to the MECP. At this time the MECP has not asked for additional interim waste removal while options for the site are evaluated. An environmental monitoring plan has been implemented in follow-up to the regulatory feasibility and planning for future options for the site.

2.2.2 Lansdowne WDS

Township personnel and Malroz developed a workplan for implementing the feasibility Study at Lansdowne WDS (see Feasibility Study, Lansdowne Waste Disposal Site, attached) which was reviewed by the MECP. The investigation at the active site In December 2024, included removal of topsoil and clay which was stockpiled for reuse

during site restoration. Ten exploratory test pits were advanced in the older, southern portion of the landfill to a maximum depth of eight metres below ground (mbg) as it was assumed to contain the most waste (i.e., prior to collection of recycling, during a period of accepting of construction and demolition waste, and historical knowledge of waste placement). Waste was removed from the test pits and sorted into typical streams of recyclables and waste. The disturbed areas were restored with incoming waste to backfill and using stockpiled topsoil and clay; grass seed is planned to be applied to restore the area to pre-excavation conditions in the spring. Anticipated challenges with excavating in an existing landfill include subsidence or collapse while digging, gas or odor control, and methane management.

During the excavation of the test pits, personnel from Malroz were on site to monitor the operations. An Environmental Compliance Officer attended the kick-off meeting and was kept appraised of results and progress by Malroz personnel. Key information regarding the ability and challenges to undergo larger scale work was obtained:

- Advancement of the test pits did not incur any structural integrity issues with the historical landfill waste pile. The landfill waste mound did not subside or collapse. The test pits were regularly shaped and predominantly vertical without slumping.
- As at least half of the test pits consisted of aggregate or soil by volume, waste compaction was good, and little volume reduction occurred when replacing the waste in the test pits and attempted compacting by the excavator.
- No significant odors were observed or needed to be controlled during the test pitting.
- Monitoring for methane concentrations during excavation did not identify elevated concentrations.

Henderson Construction performed the work for the feasibility study and summarized the information collected in a report, attached to this letter. The amount of aggregate/soil in the test pits was in our opinion unexpectedly high, as depicted in Figure 2.1. The test pits advanced to eight-meter depths had aggregate/soil mean volume estimates of almost 50% when compared to the test pits advanced to five-meter depths that had nearly equal volumes of soil and other items (soils from the cap were eliminated to normalize the comparison). This observation could indicate more cover was likely applied more recently than in the past, or compaction in the past was more effective; thus, soil could not easily move into the interstitial waste spaces. Alternatively, more waste could have been piled toward the middle where the deeper test pits were advanced, and the edges may have a higher cover material to waste ratio.

As much of the volume of landfills consists of soil, other uses of these excess soils and their costs and benefits should be explored in the next phase of work.

3 Waste Estimations Based on Testpitting

Extrapolation estimations of overall waste breakdown at the three sites were made based on the testpitting results at Lansdowne. A summary of the estimated waste composition is provided in in Figure 2.1 and Table 3.1.

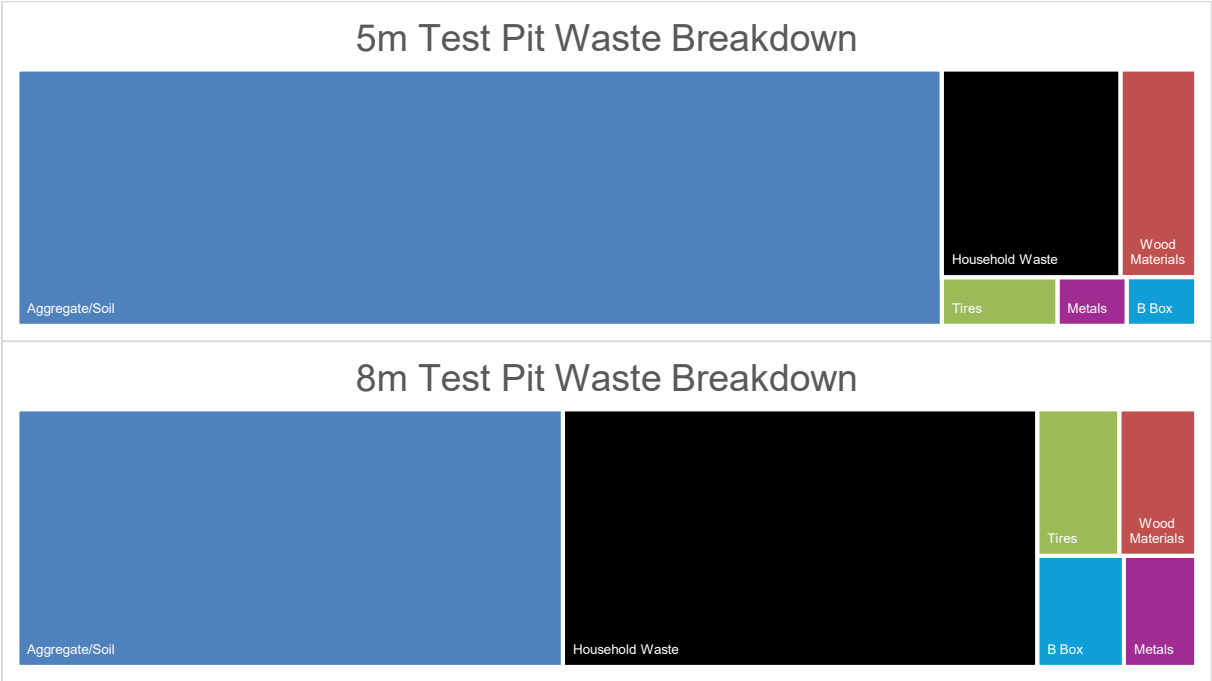

Figure 3.1. Waste Breakdown in 5m and 8m Test Pits: Visualization on a Volume Basis. The shallower pits were observed to contain a higher percentage of aggregate/soil compared to the deeper test pits. Shallower test pits were observed to contain a lower percentage of blue box waste, perhaps due to implementation of blue box and recycling efforts.

Table 3.1. Extrapolated Waste Breakdown (by Volume)

	Lansdowne [1]		Big Hill Road [2]		Red Horse Lake Road [2]	
Material	m^3	%	m^3	%	m^3	%
Soil/Aggregate	147,700	59%	1,850	30%	420	30%
Wood Materials	10,800	4%	310	5%	70	5%
Tires	7,900	3%	620	10%	135	10%
Metals	5,100	2%	620	10%	135	10%
Blue Box Goods	5,900	2%	310	5%	75	5%
Household Waste	72,800	29%	2,470	40%	550	40%
Approximate Total	250,200		6,180		1,385	

Notes: [1] 60/40 split between 8m and 5m testpitting results assumed.
[2] percentage of soils anticipated to be found reduced based on visual observations.

3.1.1 Lansdowne

At Lansdowne, the estimated used capacity was provided in Table 1.1 was to estimate total volume of the landfill. A 40/60 split was assumed between areas better estimated by the 5 metre pits and those better estimated by the 8 metre pits. Less than one third of the total volume is assumed to be household wastes. The 2023 survey data was used for analysis.

3.1.2 Big Hill Road

At the Big Hill Road site, the estimated extent of observed waste area was delineated. Information about the waste depth was not available in the documentation provided by the MECP. Using the volume estimations provided in the 2023 Big Hill Road Inspection Report and assuming a similar the waste distribution to that of the 8 metre test pits, the volume of waste types were extrapolated. Visually, less soil mixed with the waste was observed at the surface than at the Lansdowne test pits, probably due to a combination of less cover being applied, and erosion.

3.1.3 Red Horse Lake Road

Similar to the Big Hill Road site, the estimated extent of observed waste area was delineated at the Red Horse Lake Road site. Information about the waste depth was not available in the documentation provided by the MECP. Visually, a lot less soil mixed with the waste was observed at the surface than at the Lansdowne test pits, probably due to a combination of less cover being applied, and erosion. As cleanup has been completed in the seasonal watercourse, that area was removed from the extrapolation calculation, resulting in a partially reduced volume.

4 Recommendations

The Feasibility Study identified a regulatory framework for waste removal from both existing and closed landfills through the MECP ECA amendment process. Technical viability of landfill reclamation has been proven by successful removal of recovered material at two sites with differing scenarios. For Lansdowne WDS the prevalence of soil/interim cover materials within the waste mound was unexpected. As was a lack of construction/demolition as well as tires and metal materials, compared to excavation and visual observations taken at the closed site.

As feasibility of the processes has been confirmed, the next step would be a pilot or full-scale implementation, which would expand upon the work from the feasibility study.

- Identify specific areas that were filled with recoverable materials (e.g., tires, wood, metal) which could be used for targeted recovery.
- Evaluate the physical and chemical properties of the soil/aggregate mixture. Detailed records of materials used for fill are not available. Physical and chemical analyses should be considered as a part of identifying opportunities for resuse of the material.
- Evaluate the ability to screen unwanted components from the soil/aggregate matrix, including contractor capabilities.

- Review options for recovery of soil/interim cover materials as they form a significant portion of the waste materials. Both on-site and off-site use of the soils should be explored to regain landfill capacity. This may be through the MECP Excess Soils regulations, OPSS regulations for the soil to be used by Municipalities or the MTO. Other options include investigating stockpiling soil at other landfills for use as interim or final cover, storing the soil in a berm on site, and engaging with the MECP on innovative ideas.
- Develop a financial analysis of landfill reclamation based on the information ascertained through the Feasibility Study, including comparative costs between recovering capacity at operating sites and future shipping of waste post landfill closure. Comparative costs for closed sites that require capping with ongoing monitoring and management compared to excavation and restoration of the site.
- Review operational practices to determine methods of decreasing the volume of interim cover applied to operating landfills (e.g. compaction prior to placement).

Site specific recommendations have been developed for the three sites in the Feasibility Study.

4.1 **Lansdowne WDS**

Considering the site is an active waste disposal site at Lansdowne, issues are focused with extending the life of the landfill.

- Consult with the MECP on next steps, based on the findings herein and the prevalence of soil withing the landfill.
- Determine contractor capabilities of soil screening for potential reuse off-site.
- Further evaluate localized recovery of materials placed in specific locations in the landfill (e.g. tires).
- Undertake physical and chemical analyses of the soil/aggregate to evaluate potential uses.
- Based on soil analyses, review options for soil reclamation including reuse or creating a berm on site, or as interim cover at other landfills.
- Prepare an ECA amendment application to permit excavation and removal of waste for recovery, reuse, recycling, or disposal.

The challenges at historical sites are more complex considering they are non active closed sites that have not been recently maintained. The MECP identified the status of the historical sites does not comply with the current ECAs requiring maintenance and repair of the cap on the waste. The next phase should consider the long-term on-going capping, maintenance, and monitoring costs currently required by the ECA against the costs of waste removal using information from this study that proved the technical feasibility. The MECP indicated a proposal to remove the waste would require an amendment to the current ECA.

4.2 Red Horse Lake Historical WDS

- Consult with the MECP on next steps based on the feasibility study.
- Report on the monitoring program required by MECP Evaluate with the MECP requirements for further environmental monitoring if the waste were to be removed or remain.
- Prepare a comparison of costs of waste removal versus capping of waste with continued monitoring (groundwater, surface water, and cap integrity) and maintenance. Include considerations if property is delisted as a waste site.
- Undertake physical and chemical analyses of the soil/aggregate to evaluate potential uses Prepare an ECA (or ECA amendment) to either remove the waste or cap the waste and implement maintenance of the site.

4.3 Big Hill Historical WDS

- Consult with the MECP on next steps.
- Prepare a comparison of costs of waste removal versus capping of the waste with continued monitoring (groundwater, surface water, and cap integrity) and maintenance. As this area is currently under study, the MECP has not yet required monitoring, pending a determination of if the waste will be removed or remain. Include considerations if property is delisted as a waste site.
- Undertake physical and chemical analyses of the soil/aggregate to evaluate potential uses Prepare an ECA (or ECA amendment) to either remove the waste or cap the waste and implement maintenance of the site.

This feasibility study has identified a pathway for engagement with the MECP on amending ECAs to permit reclamation at both active and closed waste disposal sites. The study identified the challenge of significant quantities of soil within Lansdowne WDS. A full scale project at Lansdowne or a closed site would build upon the work of this study which was supported by the Federation of Canadian Municipalities Green Municipal Fund.

Recovery of materials, including soil, at these sites may be below the estimated volumes due to physical and chemical properties, and inability to separate the waste from the recyclable and reuable materials.

5 Closure

The findings reported in this document are based on the tasks completed by Malroz under the mutually agreed scope of work. Professional judgement, experience with similar investigations, and available data collected within the scope of work, form the basis for this letter. Malroz has prepared this letter using information understood to be factual and correct, and shall not be responsible for conditions arising from information or facts that were inaccurate, concealed, or not fully disclosed at the time of investigation.

This document has been prepared by Malroz for the sole use of the Township of Leeds and the Thousand Islands in summarizing the investigation results under the mutually agreed upon scope of work. Unauthorized use of this document for any other purpose, or by third parties, without the expressed written consent of Malroz, shall be at such party's sole risk without liability to Malroz. Malroz accepts no responsibility for damages, if any, suffered by any third party as a result of decisions or actions taken based on this report.

Please contact us if you have any questions or comments with respect to this document.

Respectfully Submitted,

Malroz Engineering Inc.

Per: Ryan Fox, P.Eng.
Environmental Engineer

and: John Pyke, P.Geo.
Hydrogeologist/Project Manager

and: Paula R. Klink, Ph.D., P.Eng., FEC
Senior Environmental Engineer

encl.

1) Summary of Site Information Big Hill Road Closed Waste Disposal Site
2) Summary of Site Information Red Horse Lake Road Closed Waste Disposal Site
3) Malroz Feasibility Study, Lansdowne Disposal Site Letter, dated Oct 8, 2024
4) Henderson Construction Lansdowne Landfill Mining Feasibility Study Summary Report

MALROZ
ENGINEERING INCORPORATED

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2nd Floor
Kingston, ON K7K 7A8
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www.malroz.com

via: email

March 27, 2024
File: 1792.00-100

David Holliday
Township of Leeds and the Thousand Islands
1233 Prince St., P.O. Box 280
Lansdowne, Ontario, K0E 1L0
directoroperations@townshipleeds.on.ca

Subject: Summary of Site Information
Big Hill Road Closed Waste Disposal Site
179 Big Hill Rd, Leeds and The Thousand Islands, ON, K0H 2N0

Dear Mr. Holliday:

Malroz Engineering Inc. (Malroz) was retained by the Township of Leeds and the Thousand Islands (TLTI or the Township) to conduct an inspection of the Big Hill Road closed landfill (the Site), located at 179 Big Hill Rd, Leeds and The Thousand Islands (see Figure 1, Attachment A). The inspection was conducted in response to a Provincial Officers Inspection Report 1-209935357 outlined in the Inspection Report completed by Ministry of the Environment Conservation and Parks (MECP or the Ministry) Provincial Officer Nathalie Matthews (Attachment B). The inspection report noted a number of actions to be taken. This letter is in response to item HCL-9.

The action items are summarized in the following sections with our summary response below the Ministry request.:

1. **Location:** a description of and diagram drawn to scale depicting the location of the fill area, adjacent property boundaries, the location of water wells and location of local surface water features.
2. **Contaminant Transport:** an interpretation of local overburden and bedrock groundwater flow direction.
3. **Delineation of the Waste Disposal Area:** an interpretation of the waste disposal area from historical documentation and site reconnaissance.
4. **Estimated Waste Volume:** the approximate volume of waste deposited at the Site interpreted from visual observations and historical documents.
5. **Types of Waste:** the type of waste deposited at the Site.
6. **Evaluation of Risk, Impacts & Adverse Effects:** an assessment of risk, potential impacts, and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

After discussions between the Ministry and the Township, Malroz staff conducted an non intrusive inspection and survey of the Site on

December 12, 2023. Photographs of the Site are included in Attachment C.

1.0 Location: description of and diagram drawn to scale depicting the location of the fill area, adjacent property boundaries, the location of water wells and location of local surface water features.

The fill area is located on a south of the rockface adjacent to Big Hill Road, the fill area abuts onto an adjacent residential property to the south (179 Big Hill Road), three residences (179 Big Hill Road, 184 Big Hill Road and 180 Seabrook Road), and 11 domestic supply wells are located within 500 meters of the Site (see Figure 1, Attachment A). The nearest surface water feature is Brady Creek which surrounds the Site to the north, east, and west. The creek is located approximately 120 to 170 m from the Site. Brady Creek is inferred to flow south into South Lake, located approximately 1.3 km south of the Site.

2.0 Contaminant Transport: an interpretation of local overburden and bedrock groundwater flow direction.

Due to the distance and elevation of Brady Creek, the inferred shallow overburden groundwater flow from the Site is towards the creek. Based on the static groundwater elevations reported for the domestic supply wells (see Attachment D) when they were constructed and the topographic contours, for the wells within 500 m of the Site the inferred flow direction of bedrock groundwater is towards the north towards Brady Creek.

We further understand that the Ministry sampled nearby residential wells and have not identified concerns with respect to the closed waste disposal site.

3.0 Delineation of the Waste Disposal Area: an interpretation of the waste disposal area from historical documentation and site reconnaissance.

The landfill was estimated as having an area of 3 acres with a fan like shape from historical information provided by the MECP (Attachment E). Access was located at the top of Big Hill Road where refuse was reportedly dumped down the rockface. Historical documentation also suggests that some of the waste may have been compacted and buried.

Historical aerial photographs from 1925 to 2019 were evaluated for evidence of the former landfilling activities a summary of observations related to the former landfill in included below (see Attachment F for aerial photographs).

- 1925, 1936, and 1948 – a cleared field (see Figure 2), potentially agricultural, is observed the foot of the rockface perpendicular Big Hill Road and extending towards Brady Creek to the north, a wooded area is observed at the top of the hill extending down the hill towards the field.

- 1964 and 1976 – a cleared path, presumed to be the entrance to the landfill (see Figure 2), is observed accessing the top of the hill from the east from Big Hill Road.
- 1987 – a building and associated driveway consistent with present-day 179 Big Hill Road are depicted south of the presumed landfill entrance from Big Hill Road.
- 1995 and 2005 – the field no longer appears, with clear evidence of potential tree cover. A building consistent with present-day 180 Seabrooke Road is depicted southwest of the Site.
- 2019 – A building consistent with present-day 184 Big Hill Road is depicted west of the Site.

Precise delineation of the landfill site has not been found in historical documentation or aerial photography; thus, the area of the landfill and its waste have been inferred from the site visit, and shown in Figure 2 Attachment A.

4.0 Estimated Waste Volume: the approximate volume of waste deposited at the Site interpreted from visual observations and historical documents

The waste was generally observed along a rockface perpendicular to Big Hill Road covering an area of approximately 1,700 m^2 (see Figure 2, Attachment A). Waste was observed on the rockface and near the bottom (see Attachment C); however, the extent of the waste which may have been buried should be further investigated via test pitting. The extents of the historical waste could not be evaluated during the non-intrusive site work; therefore, the estimated volume of 2,500 m^3 only accounts for the waste that was observed above ground near the rockface. An additional 3,600 m^2 may have buried waste, and is shown in Figure 2 Attachment A.

The volume of waste was estimated based on the topographical contours of the area provided by the Ministry of Natural Resources and Forestry (MNRF) through the Digital Raster Acquisition Project Eastern Ontario (DRAPE) 2019-2020, and field observations made during the inspection. Based on observations made during the inspection, the waste did not appear to be covered or capped, however the inspection did not include any intrusive work (test pits/ boreholes were not advanced). From historical information provided by the MECP the Site was described as an open dump with burning and no covering (Attachment E).

5.0 Types of Waste: the type of waste deposited at the Site

The type of waste observed consisted of cars, meal drums, metal tanks, large appliances, mattress springs, tires, some plastic waste (e.g., milkstone remover bottle, plastic buckets), and glass containers. Historically the waste was categorized as 90% domestic waste and 10% commercial waste. From historical information provided by the MECP, the waste was generally described as brush and scrap metal (Attachment E).

6.0 Evaluation of Risk, Impacts & Adverse Effects: an assessment of risk, potential impacts, and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

The landfill appears to be uncapped, as observed during the inspection, and historical information suggests it was an open dump with burning and no covering. This exposes the waste to potential leaching and contamination of groundwater. No evidence of leachate was observed during the site visit.

Residential drinking water wells located within 500m of the Site appear to be upgradient of the closed WDS, as such impacts to the wells are not anticipated. We also understand that these wells (179 Big Hill Road, 184 Big Hill Road, and 180 Seabrook Road) were reportedly sampled by the Ministry on June 1, 2023, the results of the sampling have not been provided.

The presence of diverse waste types, including metals, appliances, and plastic containers of which the contents are unknown, may contribute to groundwater contamination and pose a risk to human health and the environment.

Recommendations:

Further evaluate the extent and thickness and nature of the waste.

An intrusive site investigation plan to delineate the extent of the waste deposited at the Site including the advancement of test pits is suggested and should be developed in consultation with the Ministry.

Evaluate alternatives noted by the MECP such as capping or waste removal. We understand that the municipality is in the process of seeking grant funding to support these alternatives.

Closure

This document has been prepared for TLTI for submission to the MECP as required by the corrective actions outlined in the Inspection Report completed by Provincial Officer Nathalie Matthews. Unauthorized re-use of this document for any other purpose, or by third parties without the express written consent of Malroz shall be at such party's sole risk.

Respectfully submitted,

Malroz Engineering Inc.

LICENSED PROFESSIONAL ENGINEER
J. PAYEUR
100568238
2024-03-27
PROVINCE OF ONTARIO

Jessie Payeur, P.Eng.
Project Engineer

PROFESSIONAL GEOSCIENTIST
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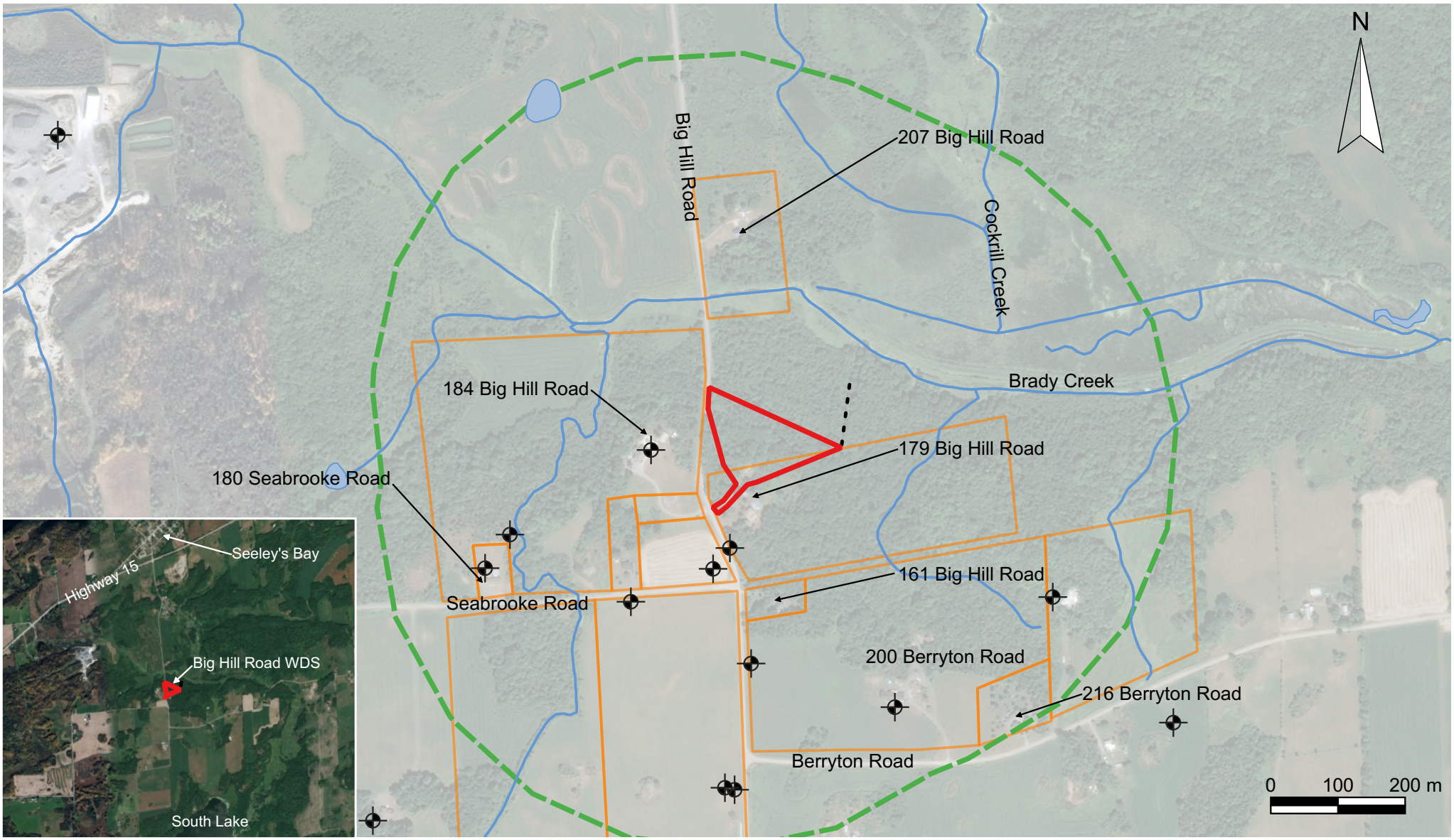
Senior Engineer

Encl:

	Attachment A	Figures
	Attachment B	MECP Field Inspection Report
	Attachment C	Site Reconnaissance Photographs
	Attachment D	Proximal Water Well Records
	Attachment E	Historical Information Provided by MECP
	Attachment F	Aerial Photographs



Legend

- estimated extent of former WDS
- 500 m surrounding estimated extent of former WDS
- approximate property boundary
- approximate location of fence
- approximate location of water well
- approximate location of waterbody
- approximate location of watercourse

Rev	Date	Description	By	Chkd
R0	2024-02-13	issued in draft	JMP	PRK

Site Location Plan

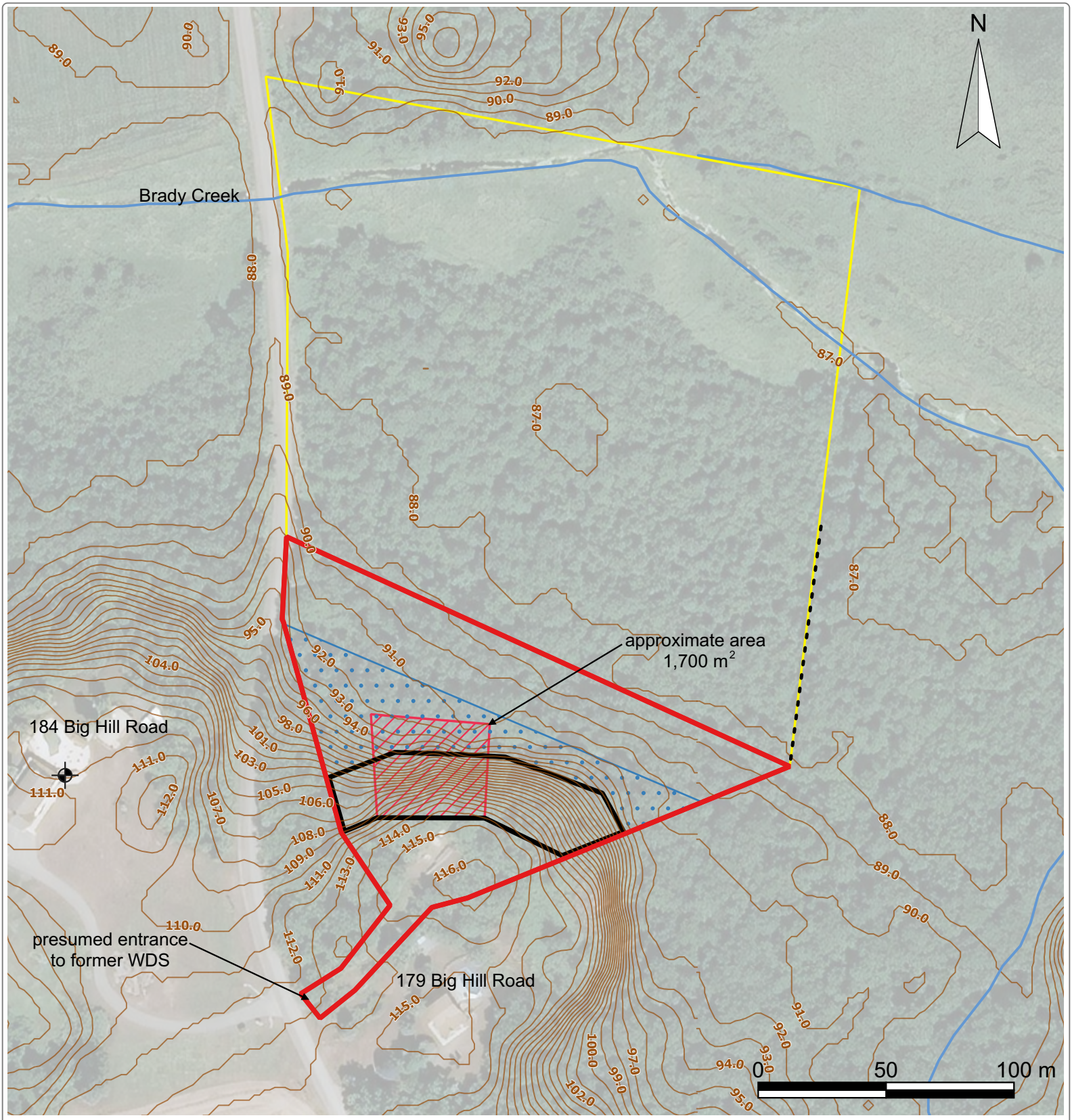
2023 Inspection Report
Big Hill Road Closed Waste Disposal Site
179 Big Hill Road, Leeds and The Thousand Islands, ON, K0H 2N0

File: 1792.00-100

Figure 1

MALROZ

Data Sources: Figure based on Malroz field observations and Google Earth imagery, location of water bodies and water courses from Onbario Hydrology Network, property lines obtained from Leeds and Grenville Public Map viewer - property lines are not survey accurate and may contain errors.



Legend

- estimated extent of former WDS
- estimated extent of observed waste
- presumed extent of buried waste
- aproximate extent of rockface
- aproximate extent of former agricultural land
- approximate location of fence
- topographic contours (1.0 m)
- approximate location of water course
- approximate location of water well

Rev	Date	Description	By	Chkd
R0	2024-02-13	issued in final	JMP	PRK

Site Plan

2023 Inspection Report
Big Hill Road Closed Waste Disposal Site
179 Big Hill Road, Leeds and The Thousand Islands, ON, K0H 2N0

File: 1792.00-100

Figure 2

MALROZ

Data Sources: Figure based on Malroz field observations and Google Earth imagery, location of water bodies and water courses from Onbario Hydrology Network, topographic contour data obtained from MNRF open data.

BIG HILL ROAD CLOSED WASTE DISPOSAL SITE
179 BIG HILL RD, LEEDS AND THE THOUSAND ISLANDS, ON, K0H 2N0

INSPECTION REPORT

Entity:	BONNIE H. ROANTREE THE TOWNSHIP OF LEEDS AND THE THOUSAND ISLANDS PETER JOHN ROANTREE
Inspection Start Date:	May 19, 2023
Inspection End Date:	June 08, 2023
Inspected By:	Nathalie Matthews
Badge #:	612

(signature)

NON-COMPLIANCE

The following item(s) have been identified as non-compliance, based on a "No" response captured for a legislative question(s). For additional information on each question see the Inspection Details section of the report.

Ministry Program: WASTE | **Regulated Activity:** Landfills

Item	Question	Compliance Response/Corrective Action(s)
NC-1	**Question ID:** HCL 1 Is the surface/landfill cover in a good state of repair?	No. Corrective Action(s): >> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner(s) that all exposed metal debris and exposed tires will be removed from the Site before September 30, 2023. >> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner(s) that either: a) all remaining waste will be removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) trees and shrubs will be removed and adequate and appropriate cover material will be applied to the fill area, inspected annually and adequately maintained. >> Submit, to my attention and before November 30, 2023, written confirmation that all waste was either removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) adequate and appropriate cover material was applied to the fill area. >> Ensure that all work is conducted in accordance with the required authorisations issued by applicable regulatory agencies.
NC-2	**Question ID:**	There are conformance issues with Ontario's

HCL 9 Are there no compliance issues with adjacent land-uses that may require additional measures be taken by the landfill owner?	Guideline D-4, Land Use At or Near Landfills and Dumps. Corrective Actions: >> Submit, to my attention and before June 30, 2023, written confirmation that you have retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before September 30, 2023, a written report that includes, but is not necessarily limited to the following: > The approximate volume of waste deposited at the Site; > The type of waste deposited at the Site; > A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries, location of water wells and location of local surface water features; > An interpretation of local overburden and bedrock groundwater flow direction; and > An assessment of risk, potential impacts and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

RECOMMENDATIONS

This should not be construed as a confirmation of full conformance with all potential applicable BMPs. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the signed Provincial Officer.

INSPECTION DETAILS

This section includes all questions that were assessed during the inspection.

Ministry Program: WASTE | **Regulated Activity:** Landfills

Question ID	HCL 1	**Question Type**	Legislative

Legislative Requirement(s):
EPA | 14 | (1);

Question:
Is the surface/landfill cover in a good state of repair?

Compliance Response(s)/Corrective Action(s)/Observation(s):
No.

Corrective Action(s):

>> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner(s) that all exposed metal debris and exposed tires will be removed from the Site before September 30, 2023.

>> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner(s) that either: a) all remaining waste will be removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) trees and shrubs will be removed and adequate and appropriate cover material will be applied to the fill area, inspected annually and adequately maintained.

>> Submit, to my attention and before November 30, 2023, written confirmation that all waste was either removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) adequate and appropriate cover material was applied to the fill area.

>> Ensure that all work is conducted in accordance with the required authorisations issued by applicable regulatory agencies.

Observations:

Waste, primarily consisting of metal debris and tires, was exposed at and near the base of the drop off cliff.

Trees and brush were growing within the fill area.

Question ID	HCL 9	**Question Type**	Legislative

Legislative Requirement(s):
EPA | 14 | (1);

Question:
Are there no compliance issues with adjacent land-uses that may require additional measures be taken by the landfill owner?

Compliance Response(s)/Corrective Action(s)/Observation(s):
There are conformance issues with Ontario's Guideline D-4, Land Use At or Near Landfills and Dumps.

Corrective Actions:

>> Submit, to my attention and before June 30, 2023, written confirmation that you have retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before September 30, 2023, a written report that includes, but is not necessarily limited to the following:

> The approximate volume of waste deposited at the Site;

> The type of waste deposited at the Site;

> A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries, location of water wells and location of local surface water features;

> An interpretation of local overburden and bedrock groundwater flow direction; and

> An assessment of risk, potential impacts and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

Observations:

Three residences (179 Big Hill Road, 184 Big Hill Road and 180 Seabrook Road) are located within 500 meters of the waste disposal site.

As a precautionary measure, the Ministry collected samples from the three water supplies on June 1, 2023 for analysis of typical landfill leachate parameters.

To date, the laboratory reports on the sample results have not been completed.

2023-12-12

Photo 1: View of Brady Creek and Brady Creek culvert, located south of the Site, facing east.

2023-12-12

Photo 2: View of Brady Creek , located south of the Site, facing north.

2023-12-12

Photo 3: View of metal refuse (vehicle) on the hill, located on the southern portion of the estimated WDS, looking south.

2023-12-12

Photo 4: View of miscellaneous metal refuse located at the foot of the hill.

2023-12-12

Photo 5: Close up view of refuse including appliances, glass, and other miscellaneous materials.

2023-12-12

Photo 6: Close up view of discarded refrigerator.

2023-12-12

Photo 7: View of plastic refuse (milkstone remover bottle) at the foot of the hill.

2023-12-12

Photo 8: View of metal refuse along the hill and at the foot of the hill, facing west.

2023-12-12

Photo 9: View of miscellaneous metal and plastic refuse along the eastern side of Big Hill Road, looking east.

2023-12-12

Photo 10: View of the Site from Big Hill Road, looking east.

2023-12-12

Photo 11: View of Big Hill Road along the western Site boundary, looking south.

2023-12-12

Photo 12: View of Big Hill Road along the western Site boundary, looking south.

UTM | Z | E

| S | R | N

Elev. 95 R 1/0+3 18 10

Basin 0 1/2 14 2

36 No. 2973

PUBLIC WATER BRANCH
1960
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District: Leeds Township, Village, Town or City: REAR

Con. 7 Lot 2 Date completed: 12 (day) aug (month) 60 (year)

[redacted] ress Joyce

Casing and Screen Record

Inside diameter of casing: 6"

Total length of casing: 14'

Type of screen: [illegible]

Length of screen: [illegible]

Depth to top of screen: [illegible]

Diameter of finished hole: 6"

Pumping Test

Static level: 53'

Test-pumping rate: 10 G.P.M.

Pumping level: Pumped [illegible]

Duration of test pumping: 1 hr

Water clear or cloudy at end of test: [illegible]

Recommended pumping rate: 10 G.P.M.

with pumping ~~level of~~ set: 114'

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Encased from	64'	117
White Granite	64	117

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
90'	37	Fresh

For what purpose(s) is the water to be used? House

Is well on upland, in valley, or on hillside? Upland

Drilling Firm: [illegible]

Address: [illegible]

Licence Number: 6[illegible]

Name of Driller: Geo [illegible]

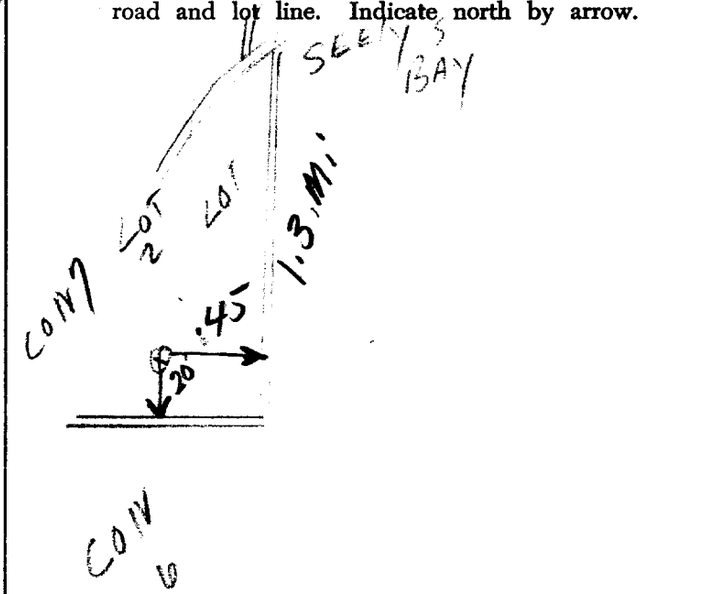
Address: [illegible]

Date: Aug 12, 1960

W Darry Jr
(Signature of Licensed Drilling Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



C15.58

UTM | | Z | | | | | | | E
| 5 | R | | | | | | | N
Elev. | 5 | R | 013 | 7 | 0 |
Basin | 24A | 3 | | |

The Ontario Water Resources Commission Act, 1957

GROUND WATER BRANCH
JUN 2 1961
ONTARIO WATER RESOURCES COMMISSION

36 No 2977

WATER WELL RECORD

County or District LEED'S ~~+ GRENVILLE~~ Township Village, Town or City LEEDS REAR

[redacted] te completed 2 (day) May (month) 1961 (year)

[redacted] dress SEELY'S BAY

Casing and Screen Record

Inside diameter of casing 6¼
Total length of casing 32
Type of screen —
Length of screen —
Depth to top of screen —
Diameter of finished hole 6⅛

Pumping Test

Static level 8
Test-pumping rate 20 G.P.M.
Pumping level 10
Duration of test pumping 1 hr
Water clear or cloudy at end of test clear
Recommended pumping ~~rate~~ 20 G.P.M.
with pumping ~~level of~~ SET 40'

Well Log / Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
clay	0	31			
gray granite	31	60	60	30'	fresh
Black granite	60	315			

For what purpose(s) is the water to be used?
house

Is well on upland, in valley, or on hillside?
upland

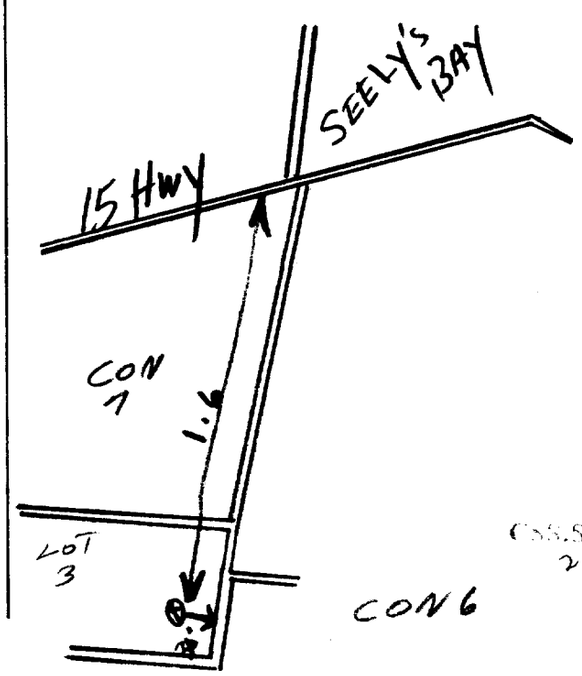
Drilling Firm Wm H Davy + Son
Address Verona

Licence Number 53
Name of Driller Bill Crosbie
Address Verona
Date May 2 1961
William Davy Jr.
(Signature of Licensed Drilling Contractor)

Form 5

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.88

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 3607739 MUNICIP. 36017 CON. CAN 31C8g 07

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
[redacted]	Leeds - Lansdowne	7	004

[redacted] Seeley's Bay, Ontario

DATE COMPLETED: DAY 08 MO 12 YR 78

UTM ZONE 18 NORTHING 4723220 RC. 4 ELEVATION 0375 RC. 4 BASIN CODE 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Earth			0'	1'
Grey-Black	Granite			1'	320'

31 00016 02 0320221

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0315	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 5/8 06	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	3/16	0	0022
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP 2 ☑ BAILER	0010 GPM	02 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☑ PUMPING 2 ☐ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
055 FEET	260 FEET	086 FEET	114 FEET	135 FEET	155 FEET

IF FLOWING, GIVE RATE: GPM

PUMP INTAKE SET AT: FEET

WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY

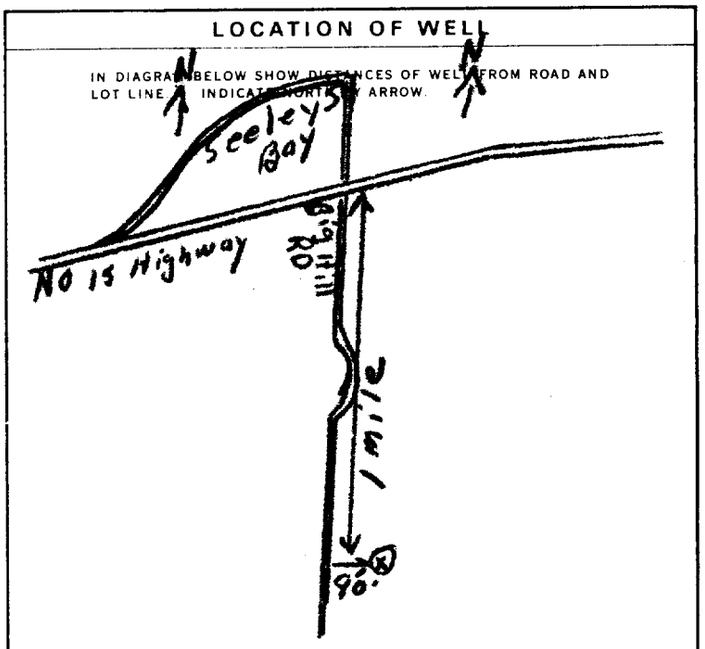
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP

RECOMMENDED PUMP SETTING: 300 FEET

RECOMMENDED PUMPING RATE: 0010 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL 1
1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED

WATER USE 01
1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF DRILLING 5
1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☑ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Jack Knox — LICENCE NUMBER: 3202

ADDRESS: Glenburnie

NAME OF DRILLER OR BORER: Ron Knox — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Jack Knox — SUBMISSION DATE: DAY ___ MO. ___ YR. ___

OFFICE USE ONLY

DATA SOURCE: 1 — CONTRACTOR: 3202 — DATE RECEIVED: 310179

DATE OF INSPECTION — INSPECTOR

REMARKS: R.P. CSS.S8

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 3609356 | MUNICIP. 36017 | CON. CON | 07

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
[redacted]	[redacted] Jude & Hunsdowne	Seven	4

DATE COMPLETED: DAY 1 MO Oct YR 85

[redacted] ley's Bay Ont

ELEVATION | RC | BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Topsoil			0	2
Brown	Clay and	sand		2	80
White	Limestone			80	125

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
118	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	85
6	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☑ OPEN HOLE		85	125
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
15	85	cement

71 PUMPING TEST

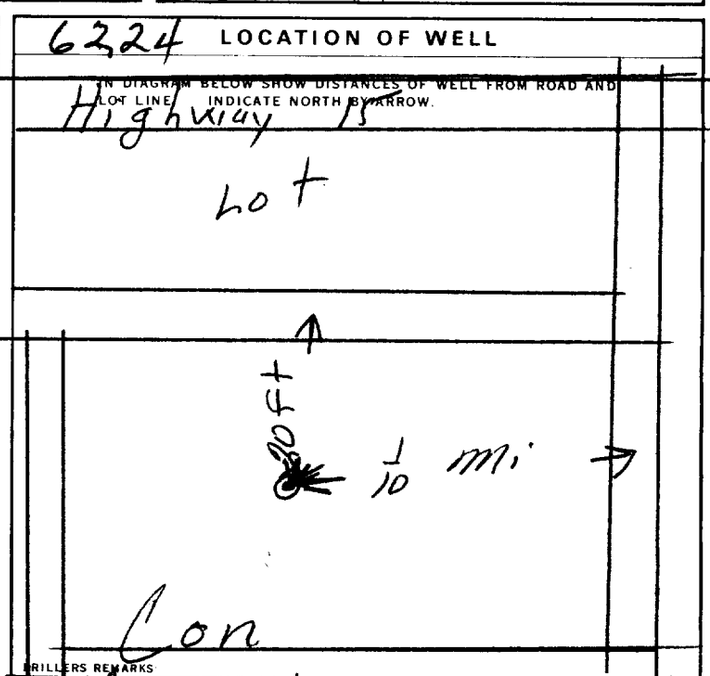
PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☑ PUMP 2 ☐ BAILER	12 GPM	1 HOURS ___ MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☑ PUMPING 2 ☐ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
15 FEET	15 FEET	15 FEET	15 FEET	15 FEET	15 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	125 FEET	1 ☑ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP	RECOMMENDED PUMP SETTING 110 FEET	RECOMMENDED PUMPING RATE 12 GPM

6224 LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS: Main St

FINAL STATUS OF WELL: 1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED

WATER USE: 1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF DRILLING: 1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☑ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Well Drilling 1982 LTD
LICENCE NUMBER: 4794
ADDRESS: RR1 Mallorytown Ont
NAME OF DRILLER OR BORER: Bob Young
LICENCE NUMBER: 4794
SIGNATURE OF CONTRACTOR:
SUBMISSION DATE: DAY ___ MO. ___ YR. ___

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR 4794 | DATE RECEIVED 21 11 85
DATE OF INSPECTION | INSPECTOR
REMARKS

CSS.S8

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
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11 — 3609382

MUNICIP. | CON.

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
Leeds	Leeds-Lansdowne	7	1

[redacted] #1 Seeley's Bay Ontario — DATE COMPLETED: DAY 25 MO 4 YR. 85

RC | ELEVATION | RC | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Blue	Clay			0	25
Grey	Granite			25	60
Green	Granite			60	65
Grey	Granite			65	93

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
61	☑ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	☑ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE	3/16	0	27
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE			
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
☐ PUMP ☑ BAILER	12 GPM	2 HOURS ___ MINS

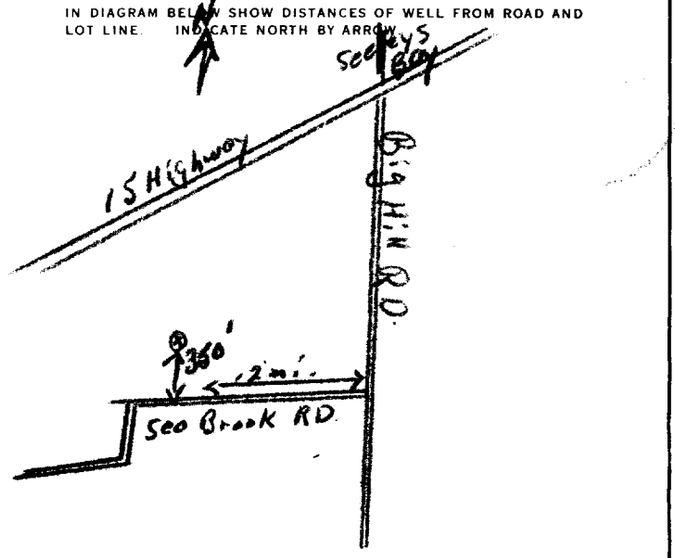
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (☑ PUMPING ☐ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
55 FEET	84 FEET	64 FEET	70 FEET	75 FEET	79 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	☑ CLEAR ☐ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☑ DEEP	90 FEET	12 GPM

7985 LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL	☑ WATER SUPPLY ☐ OBSERVATION WELL ☐ TEST HOLE ☐ RECHARGE WELL ☐ ABANDONED, INSUFFICIENT SUPPLY ☐ ABANDONED, POOR QUALITY ☐ UNFINISHED
WATER USE	☑ DOMESTIC ☐ STOCK ☐ IRRIGATION ☐ INDUSTRIAL ☐ OTHER ☐ COMMERCIAL ☐ MUNICIPAL ☐ PUBLIC SUPPLY ☐ COOLING OR AIR CONDITIONING ☐ NOT USED
METHOD OF DRILLING	☐ CABLE TOOL ☐ ROTARY (CONVENTIONAL) ☐ ROTARY (REVERSE) ☐ ROTARY (AIR) ☑ AIR PERCUSSION ☐ BORING ☐ DIAMOND ☐ JETTING ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: JACK KNOX — LICENCE NUMBER: 3202

ADDRESS: GLENBURNIE ONTARIO

NAME OF DRILLER OR BORER: RON KNOX — LICENCE NUMBER: 3219

SIGNATURE OF CONTRACTOR: Jack Knox — SUBMISSION DATE: DAY ___ MO. ___ YR. ___

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR | DATE RECEIVED: 150186

DATE OF INSPECTION | INSPECTOR

REMARKS

CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

LEEDS

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 3612801 | MUNICIP. 36017 | CON. CON 06

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC.	LOT
Leeds & GRenville	Rear of Leeds & ~~Lansdowne~~	6	4

OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED
[redacted]	P.O. Box 145, Seeley's Bay, Ont.	DAY 23 MO July YR 93

21 | UTM ZONE | EASTING | NORTHING | RC | ELEVATION | RC | BASIN CODE | II | III | IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
	soil			0	6
grey	granite			6	140

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
101'	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS — Untested
120'	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS — Untested
136'	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS — Untested
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4 IN	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	22
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	20	grout

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 ☑ PUMP 2 ☐ BAILER	6 GPM	1 HOURS ___ MINS

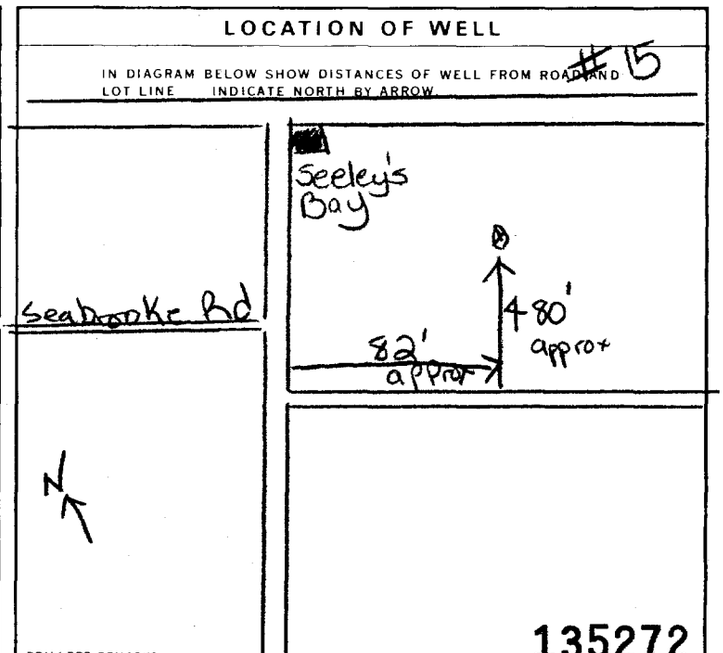
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☑ RECOVERY) 15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
38 FEET	38 FEET	66 FEET	38 FEET	38 FEET	38 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☐ CLEAR 2 ☑ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☑ DEEP	135 FEET	6 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW. #15



DRILLERS REMARKS

135272

FINAL STATUS OF WELL	1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED ☐ DEWATERING
WATER USE	1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF CONSTRUCTION	1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☑ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: DAVY WELL DRILLING LIMITED — WELL CONTRACTOR'S LICENCE NUMBER: 1704

ADDRESS: Verona, Ontario K0H 2W0

NAME OF WELL TECHNICIAN: Albertson — WELL TECHNICIAN'S LICENCE NUMBER: 125

SIGNATURE OF TECHNICIAN/CONTRACTOR: Chris Davy per. [signature] — SUBMISSION DATE: DAY 27 MO. July YR. 93

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR: 1704 | DATE RECEIVED: AUG 12 1993

DATE OF INSPECTION | INSPECTOR

REMARKS: CSS.ES

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ontario Ministry of the Environment

Well Tag A 042990 (number below)

A042990

Well Record

Regulation 903 Ontario Water Resources Act

page ___ of ___

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

MUN | CON | LOT

[redacted]

Address of Well Location (County/District/Municipality): Leeds & Grenville

Township: Leeds & Thousand Island | Lot: 3 & 4 | Concession: 7

RR#/Street Number/Name: Big Hill R.D

City/Town/Village:

Site/Compartment/Block/Tract etc.:

GPS Reading: NAD 83 | Zone 18 | Easting 401753 | Northing 4923588

Unit Make/Model: MAGELLAN

Mode of Operation: ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Metres To
Brown	Clay			0	1.2
Brown	Sand & Broken Rock			1.2	4.2
Grey	Granite			4.2	10.7
Red	"			10.7	20.4
Black	"			20.4	53.0
Red	"			53	67.1
Black	"			67.1	110.3

Hole Diameter

Depth From	Metres To	Diameter Centimetres
0	6	25.4
6	110.3	15.25

Water Record

Water found at ___ Metres	Kind of Water
58 m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: UNTESTED
105 m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: UNTESTED
___ m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

After test of well yield, water was ☑ Clear and sediment free ☐ Other, specify

Chlorinated ☑ Yes ☐ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Metres To
Casing				
15.8	☑ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	0	6
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
	☑ Open hole		6	110.3

Test of Well Yield

Pumping test method: 54B

Pump intake set at - (metres): 110

Pumping rate - (litres/min): 54

Duration of pumping: 2 hrs + 0 min

Final water level end of pumping: 30.4 metres

Recommended pump type: ☐ Shallow ☑ Deep

Recommended pump depth: 105 metres

Recommended pump rate: 22.7 (litres/min)

If flowing give rate - (litres/min)

If pumping discontinued, give reason.

Draw Down Time min	Water Level Metres	Recovery Time min	Water Level Metres
Static Level	22.9		
1	24	1	29.5
2	25	2	29.1
3	25.9	3	28.8
4	26.1	4	28.7
5	26.5	5	28.6
	27.4		
10	28	10	28.0
15	28.3	15	27.2
20	28.7	20	26.5
25	29	25	26
30	29.4	30	25.5
40	29.7	40	25.1
50	30.1	50	24.6
60	30.4	60	24

Plugging and Sealing Record

☑ Annular space ☐ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
6	0	CEMENT SLURRY	.35

Method of Construction

☑ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging
☐ Rotary (conventional) ☑ Air percussion ☐ Jetting ☐ Other
☐ Rotary (reverse) ☐ Boring ☐ Driving

Water Use

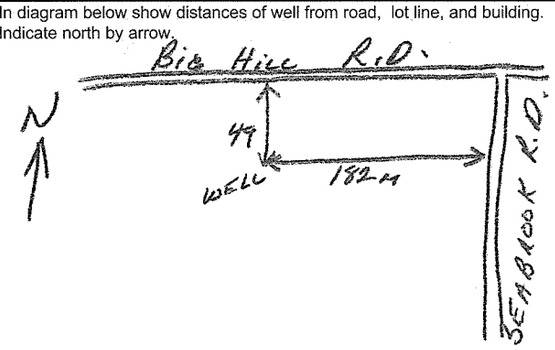
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☐ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☑ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Location of Well

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.



Audit No. Z 48052

Date Well Completed: YYYY 07 MM 1 DD 19

Was the well owner's information package delivered? ☐ Yes ☐ No

Date Delivered: YYYY 07 MM 1 DD 19

Well Contractor/Technician Information

Name of Well Contractor: Jack Knox Well Drilling Ltd

Well Contractor's Licence No.: 3202

Business Address (street name, number, city etc.): 2580 Perth Rd, Glenburnie

Name of Well Technician (last name, first name): Knox John

Well Technician's Licence No.: T2879

Signature of Technician/Contractor: X Ron Knox

Date Submitted: YYYY MM DD

Ministry Use Only

Data Source | Contractor: 3202

Date Received: MAR 05 2007 YYYY MM DD | Date of Inspection: YYYY MM DD

Remarks | Well Record Number

0506E (09/03) Contractor's Copy ☐ Ministry's Copy ☐ Well Owner's Copy ☐

Cette formule est disponible en français

Ontario — Ministry of the Environment

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. (if any) **A075981**

A075981

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
170 Seabrooke Rd.	Rear Leeds & Landsdowne		7

County/District/Municipality	City/Town/Village	Province	Postal Code
Leeds	Seeleys Bay	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	401506	4923412		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
	Rocky Fill			0	1.52
	Grey & Red Granite & Quarty			1.52	109.72

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
6.25	0	Neat Cement Slurry	.0908

Method of Construction

[ ] Cable Tool [ ] Diamond
[ ] Rotary (Conventional) [ ] Jetting
[ ] Rotary (Reverse) [ ] Driving
[ ] Boring [ ] Digging
[X] Air percussion
[ ] Other, *specify*

Well Use

[ ] Public [ ] Commercial [ ] Not used
[X] Domestic [ ] Municipal [ ] Dewatering
[ ] Livestock [ ] Test Hole [ ] Monitoring
[ ] Irrigation [ ] Cooling & Air Conditioning
[ ] Industrial
[ ] Other, *specify*

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
15.88	Steel	.48	+.6	6.25
14.91	open hole		6.25	79.24
15.23	open hole		79.24	109.72

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Status of Well

[X] Water Supply
[ ] Replacement Well
[ ] Test Hole
[ ] Recharge Well
[ ] Dewatering Well
[ ] Observation and/or Monitoring Hole
[ ] Alteration (Construction)
[ ] Abandoned, Insufficient Supply
[ ] Abandoned, Poor Water Quality
[ ] Abandoned, other, *specify*
[ ] Other, *specify*

Water Details

Water found at Depth (m/ft)	Kind of Water	
88.39	[ ] Fresh [X] Untested [ ] Gas [ ] Other, *specify*	
	[ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*	
	[ ] Fresh [ ] Untested [ ] Gas [ ] Other, *specify*	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	79.24	14.91
79.24	109.72	15.23

Results of Well Yield Testing

After test of well yield, water was:
[X] Clear and sand free
[ ] Other, specify: NOT TESTED

If pumping discontinued, give reason:

Pump intake set at (m/ft): 103.63

Pumping rate (l/min / GPM): 18.93

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 50.69

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft): 103.63

Recommended pump rate (l/min / GPM): 18.93

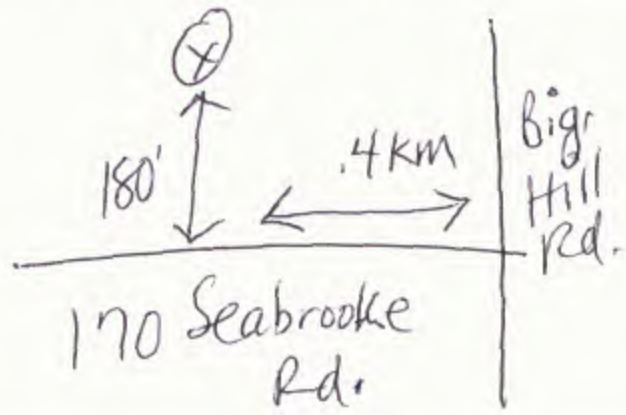
Well production (l/min / GPM): 1 (5 u.s.)

Disinfected? [X] Yes [ ] No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	10.48		50.69
1	10.48	1	44.38
2	10.52	2	44.04
3	10.97	3	43.76
4	11.89	4	43.46
5	12.71	5	43.19
10	17.07	10	41.79
15	21.12	15	40.48
20	24.99	20	39.26
25	28.65	25	38.10
30	32.19	30	37.10
40	38.77	40	36.73
50	45.11	50	39.29
60	50.69	60	35.66

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
AIR ROCK DRILLING CO LTD.	1119

Business Address (Street Number/Name)	Municipality
RR1	Richmond

Province	Postal Code	Business E-mail Address
Ont	K0A 2Z0	

Bus Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6138382170	Hogan, Dan

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
T3058		2008 11 06

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[X] Yes [ ] No	2008 09 08	2008 09 02

Ministry Use Only

Audit No. Z 82451

Received NOV 21 2008

0506E (12/2007)

Ministry's Copy

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Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag (Please Print Below)
Tag#: A140327

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
202 BERRYTON R.D	Leeds & Thousand Is. (REAR OF LEEDS & LANSDOWNE)	4	6

County/District/Municipality	City/Town/Village	Province	Postal Code
LEEDS & GRENVILLE		Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	402116	4923205	RP 28R13991	

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
BROWN	CLAY			0	22
	GRAVEL			22	23
GREY	GRANITE			23	64
GREY+RED	GRANITE			64	140

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
26	0	CEMENT	10

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☑ Air percussion
☐ Other, specify ____

Well Use

☐ Public ☐ Commercial ☐ Not used
☑ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify ____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
6¼"	STEEL	188	+2	26
6"	OPEN HOLE		26	140

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Status of Well

☑ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, specify ____
☐ Other, specify ____

Water Details

Water found at Depth (m/ft)	Gas	Kind of Water	Other, specify
48	☐	☐ Fresh ☑ Untested	
128	☐	☐ Fresh ☑ Untested	
	☐	☐ Fresh ☐ Untested	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	26	10"
26	140	6"

Results of Well Yield Testing

After test of well yield, water was:
☑ Clear and sand free
☐ Other, specify ____

If pumping discontinued, give reason:

Pump intake set at (m/ft): 138'

Pumping rate (l/min / GPM): 6.5 G.P.M.

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 51

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft): 135'

Recommended pump rate (l/min / GPM): 6.5 G.P.M.

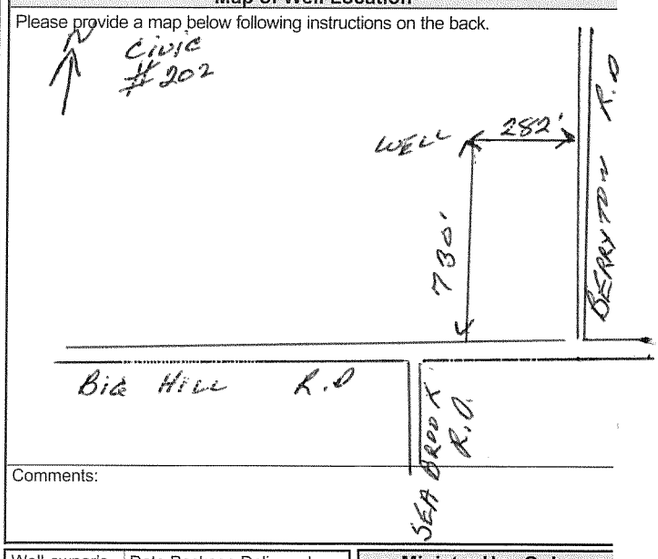
Well production (l/min / GPM): 8 G.P.M.

Disinfected? ☑ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	8.5		
1	12.8	1	44.5
2	16.0	2	38.9
3	19.9	3	34.9
4	21.8	4	31.2
5	23.4	5	28.4
10	27.8	10	21
15	30.3	15	17.4
20	34.5	20	16.1
25	37.6	25	14.3
30	40.4	30	12.8
40	44.6	40	12
50	48.5	50	11.4
60	51	60	10.9

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor: JACK KNOX WELLDRILLING
Well Contractor's Licence No.: 3 2 0 2
Business Address (Street Number/Name): 1580 PERTH R.D
Municipality: GLENBURNIE
Province: ONT
Postal Code: K0H 1S0
Business E-mail Address:
Bus.Telephone No. (inc. area code): 613 466 1164
Name of Well Technician (Last Name, First Name): Knox John
Well Technician's Licence No.: 2 8 7 9
Signature of Technician and/or Contractor:
Date Submitted: Y Y Y Y M M D D

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered: 2013 05 30

Date Work Completed: 2013 05 30

Ministry Use Only

Audit No. Z 161223

JUN 10 2013 Received

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well Tag No. (Place Sticker and Print Below)

Tag#: A148542

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
BERRYTON R.D	(Leeds & Thousand Is.) REAR OF LEEDS EAST LASDOWNE	4	6

County/District/Municipality	City/Town/Village	Province	Postal Code
LEEDS + GRENVILLE	SEELEYS BAY	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	402351	4923369		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
BROWN	CLAY			0	1
GREY	GRANITE			1	35
RED+GREY	GRANITE			35	140

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
20	0	CEMENT	8

Method of Construction

☑ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☑ Air percussion
☐ Other, *specify*

Well Use

☐ Public ☐ Commercial ☐ Not used
☑ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, *specify*

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
6¼"	STEEL	188	+2	20
6"	OPEN HOLE		20	140

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To

Status of Well

☑ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, *specify*
☐ Other, *specify*

Water Details

Water found at Depth (m/ft)	Kind of Water	
100	☐ Gas	☐ Fresh ☑ Untested ☐ Other, *specify*
130	☐ Gas	☐ Fresh ☑ Untested ☐ Other, *specify*
	☐ Gas	☐ Fresh ☐ Untested ☐ Other, *specify*

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	20	10"
20	140	6"

Results of Well Yield Testing

After test of well yield, water was:
☑ Clear and sand free
☐ Other, *specify*

If pumping discontinued, give reason:

Pump intake set at (m/ft): 138'

Pumping rate (l/min / GPM): 12 G.P.M.

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 93

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft): 137

Recommended pump rate (l/min / GPM): 12 G.P.M.

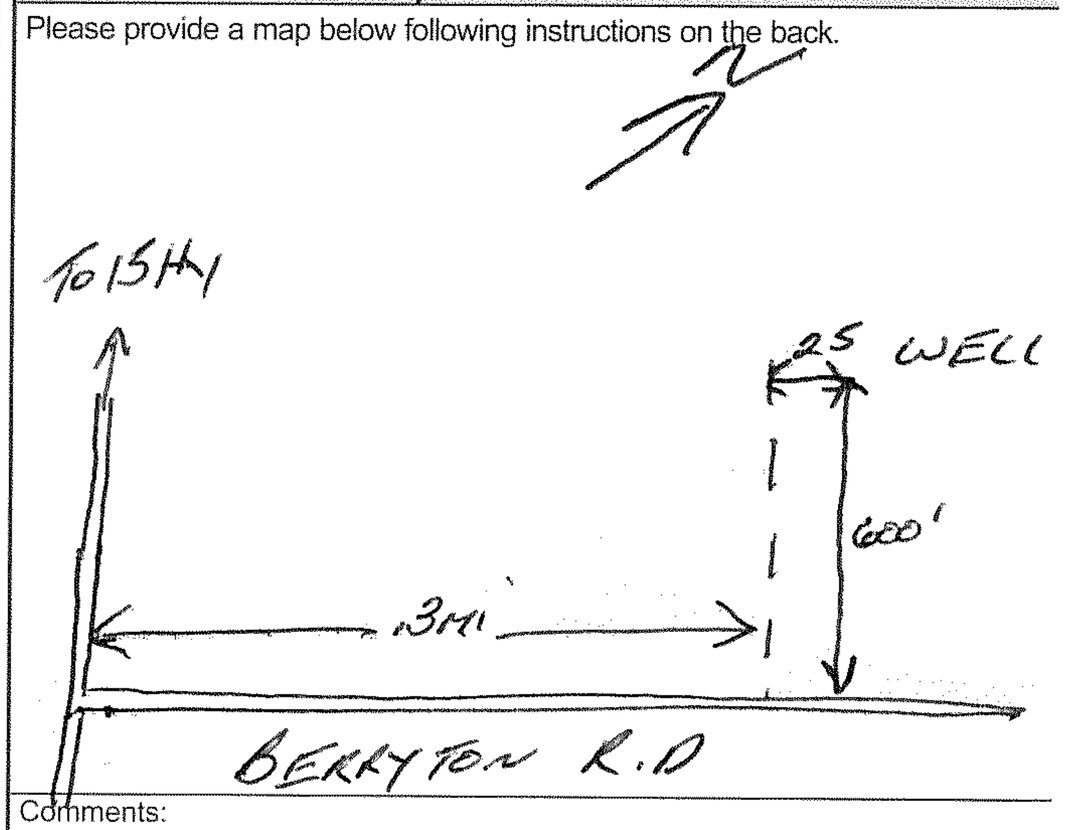
Well production (l/min / GPM): 12+ G.P.M.

Disinfected? ☑ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level	45		
1	50.2	1	90
2	53	2	87
3	55.5	3	84
4	57.5	4	81
5	59.5	5	79
10	66.1	10	69
15	71.6	15	64
20	75.4	20	60
25	79	25	57
30	82.5	30	55
40	86.6	40	53.2
50	90.1	50	50
60	93	60	49.7

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
JACK KNOX WELLDRILLING	3202

Business Address (Street Number/Name)	Municipality
2580 PERTH R.D	GLENBURNIE

Province	Postal Code	Business E-mail Address
ONT	K0H 1S0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6135466164	Knox John

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
2879	Ron Knox	Y Y Y Y M M D D

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No	2013 11 15	2013 11 15

Ministry Use Only

Audit No. Z172035

Received JAN 09 2014

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Ministry's Copy

Ontario

Ministry of the Environment — Waste Management Branch

Provisional Certificate No. 442102

PROVISIONAL CERTIFICATE OF APPROVAL
FOR A
WASTE DISPOSAL SITE

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Township of Rear of Leeds and Lansdowne,
Box # 70, Seeley's Bay, Ontario.

for the Landfill Site.

MINISTRY OF THE ENVIRONMENT ONTARIO
JUN 10 1974
KINGSTON, ONT.

located Lot 4, Concession 7,
Township of Rear of Leeds and Lansdowne

subject to the following conditions:

1. That the site shall be closed off prior to August 31, 1974

2. Closing off Procedures shall include:

a) The implementation of a rodent extermination program, to be maintained as a control program for the duration of this certificate.

b) The erection of a fence or barrier across all access roads into the waste disposal site to ensure that the site is no longer used.

c) The placement of signs, at the access roads, advising the public that the site is closed, and giving the location of the alternate site to be utilized by the public.

cont...

This Provisional Certificate expires on the 31st day of December, 19 74

Dated this 27th day of May, 19 74.

DIRECTOR, WASTE MANAGEMENT BRANCH

MOE 14-201

Ontario

Ministry of the Environment — Waste Management Branch

The following conditions are additional to the conditions shown on

Provisional Certificate of Approval number 442102

for a Waste Disposal Site issued to Township of Rear of Leeds and Lansdowne and dated May 27,74

d) The placement of two(2) feet of compacted cover material over all areas of the site previously used for the disposal of wastes.

e) The grading of the site area to minimize the effects caused by scouring and erosion.

MOE 14-225

Ministry of the Environment

Ontario

NOTICE

TO:

Township of Rear of Leeds and Lansdowne,
Box # 70, Seeley's Bay, Ontario.

You are hereby notified that Provisional Certificate of Approval No. 442102 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

The operation of this site does not comply with the standards laid out in Ontario Regulation 824, and the topography of the site is not suitable for landfill purposes. Since an alternate site is available for this waste I feel that it is in the public interest to close this site.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

Environmental Appeal Board,
365 Bay Street,
Suite 300,
Toronto, Ontario.
M5H 2V3

AND

The Director,
~~Waste Management Branch,~~
Ministry of the Environment,
880 Bay Street, 3rd Floor,
Toronto, Ontario.
M5S 1Z8.

DATED at Toronto this 27th day of May, 19 74.

Director,
~~Waste Management Branch,~~
Ministry of the Environment.

MOE 14213 5/73

Ontario

Ministry of the Environment

Waste Management Branch
RECEIVED
MAY 30 1973
OTTAWA
EASTERN REGION

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442102

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township of Rear of Leeds and Lansdowne,
Box #70, Seeley's Bay, Ontario

for the Landfill Site

located Lot 4, Concession 7,
Township Rear of Leeds and Lansdowne

subject to the following conditions

That prior to July 1st, 1973, the holder of this Certificate submit to the Regional Engineer a detailed proposal outlining the closing off procedure to be employed at the site.

This Provisional Certificate expires on the 31st day of December, 19 73

Dated this 18th day of May, 19 73

Director, Waste Management Branch

MOE 14-201

Ministry of the Environment

Ontario

NOTICE

TO: Township Rear of Leeds and Lansdowne,
Box #70,
Seeley's Bay, Ontario

You are hereby notified that Provisional Certificate of Approval No. 442102 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

In order to prevent harm or material discomfort to any person and for the conservation of the natural environment.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

Environmental Appeal Board,
365 Bay Street,
Suite 300,
Toronto, Ontario.
M5H 2V3

AND

The Director,
Waste Management Branch,
Ministry of the Environment,
880 Bay Street, 3rd Floor,
Toronto, Ontario.
M5S 1Z8.

DATED at Toronto this 18th day of May, 19 73.

Director,
Waste Management Branch,
Ministry of the Environment.

MOE 14213 5/73

Ontario

Ministry of the Environment — Waste Management Branch

Provisional Certificate No. 4-2102

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Township of Rear of Leeds and Lansdowne,
Box # 70, Seeley's Bay, Ontario.

for the Landfill Site.

closed

located Lot 6, Concession 7,
Township of Rear of Leeds and Lansdowne

subject to the following conditions:

1. That the site shall be closed off prior to August 31, 1974

2. Closing off Procedures shall include:

a) The implementation of a rodent extermination program, to be maintained as a control program for the duration of this certificate.

b) The erection of a fence or barrier across all access roads into the waste disposal site to ensure that the site is no longer used.

c) The placement of signs, at the access roads, advising the public that the site is closed, and giving the location of the alternate site to be utilized by the public.

cont...

This Provisional Certificate expires on the 31st day of December, 19 74

Dated this 27th day of May, 19 74.

DIRECTOR, WASTE MANAGEMENT BRANCH

MOE 14-201

Ontario

Ministry of the Environment — Waste Management Branch

The following conditions are additional to the conditions shown on

Provisional Certificate of Approval number 442102

for a Waste Disposal Site issued to Township of Rear of Leeds and Lansdowne and dated May 27,74

d) The placement of two(2) feet of compacted cover material over all areas of the site previously used for the disposal of wastes.

e) The grading of the site area to minimize the effects caused by scouring and erosion.

MOE 14-225

Ministry of the Environment

Ontario

NOTICE

TO: Township of Rear of Leeds and Lansdowne,
Box # 70, Seeley's Bay, Ontario.

You are hereby notified that Provisional Certificate of Approval No. 442102 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

The operation of this site does not comply with the standards laid out in Ontario Regulation 824, and the topography of the site is not suitable for landfill purposes. Since an alternate site is available for this waste I feel that it is in the public interest to close this site.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

Environmental Appeal Board,
365 Bay Street,
Suite 300,
Toronto, Ontario.
M5H 2V3

AND

The Director,
~~Waste Management Branch,~~
Ministry of the Environment,
880 Bay Street, 3rd Floor,
Toronto, Ontario.
M5S 1Z8.

DATED at Toronto this 27th day of May, 19 74.

Director,
~~Waste Management Branch,~~
Ministry of the Environment.

MOE 14213 5/73

Ontario

Ministry of the Environment

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442102

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township of Rear of Leeds and Lansdowne,
Box #70, Seeley's Bay, Ontario

for the Landfill Site

located Lot 4, Concession 7,
Township Rear of Leeds and Lansdowne

subject to the following conditions

That prior to July 1st, 1973, the holder of this Certificate submit to the Regional Engineer a detailed proposal outlining the closing off procedure to be employed at the site.

This Provisional Certificate expires on the 31st day of December, 19 73

Dated this 18th day of May, 19 73

Director, Waste Management Branch

MOE 14-201

Ministry of Environment

Ontario

NOTICE

TO: Township Rear of Leeds and Lansdowne,
Box #70,
Seeley's Bay, Ontario

You are hereby notified that Provisional Certificate of Approval No. 442102 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

In order to prevent harm or material discomfort to any person and for the conservation of the natural environment.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

Environmental Appeal Board,
365 Bay Street,
Suite 300,
Toronto, Ontario.
M5H 2V3

AND

The Director,
Waste Management Branch,
Ministry of the Environment,
880 Bay Street, 3rd Floor,
Toronto, Ontario.
M5S 1Z8.

DATED at Toronto this 18th day of May, 1973.

Director,
Waste Management Branch,
Ministry of the Environment.

MOE 14213 5/73

ONTARIO

Ministry of the Environment

For Head Office Use	
O	R
2nd Sheet	
#	

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442102

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,

Box #70, Seeley's Bay, Ontario

for the Landfill Site

located Lot 4, Concession 7,

Township Rear of Leeds and Lansdowne

subject to the following conditions

1. That the practice of open burning be discontinued.
2. That a plan be formulated for the closing off of this site during 1973, and that such plans should include the acquisition and preparation of a new waste disposal site prior to the expiry date of this Certificate.

This Provisional Certificate expires on the 15th day of May, 19 73

Dated this 25th day of August, 19 72.

Director, Waste Management Branch

(Page 1 of 1 Pages)

FORM WM 308-2-72

ONTARIO

Department of the Environment

For Head Office Use	
O	R
2nd Sheet	
#	

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442102

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,
Box #70, Seeley's Bay, Ontario.

for the Landfill Site

located Lot 4, Concession 7,
Township Rear of Leeds and Lansdowne,

subject to the following conditions

This Provisional Certificate expires on the 31st day of August, 1972

Dated this 7th day of June, 1972

J. D. Keenan

Director, Waste Management Branch

(Page 1 of 1 Pages)

FORM WM 308-2-72

ONTARIO

Department of Energy and Resources Management

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Certificate No. 442102

Under **The Waste Management Act, 1970** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,
Box 70,
Seeley's Bay,
Ontario

for the Landfill Site

located Lot 4, Concession 7

subject to the following conditions

1. New site to be located and approved and existing site closed and covered by expiry date.
2. Burning to be conducted only with the approval and under the supervision of the Air Management Branch.

This Provisional Certificate expires on the 15th day of May 19 72

Dated this 15th day of October 19 71.

Director, Waste Management Branch

W.M.B. Form 2.03

ONTARIO

Department of Energy and Resources Management

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Certificate No. 442102

Under **The Waste Management Act, 1970** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne
Box 70,
Seeley's Bay, Ontario.

for the landfill Site

located Lot 4, Concession 7.

subject to the following conditions

1. New site to be located and approved and existing site closed and covered by expiry date.
2. Burning to be conducted only with the approval and under the supervision of the Air Management Branch.

This Provisional Certificate expires on the 15th day of October 19 71.

Dated this 11th day of February 19 71.

Director, Waste Management Branch

W.M.B. Form 2.03

JAN 2 3 1975

Municipal & Private Abatement Section
Suite 303
1055 Princess Street
Kingston, Ontario K7L 1H3

January 17th, 1975

Mr. K.S. Johnston
Clerk-Treasurer
Rear of Leeds & Lansdowne Twp.
P.O. Box 70
Seeley's Bay, Ontario

RE: Twp. Waste Disposal Sites
- Briar Hill Road Site
- Closed Site near Seeley's Bay
File Ref. A42103 & A42102

Dear Sir:

This letter will confirm a recent inspection by Environmental Officer Wilson of the above noted waste disposal sites. The condition of the sites and our recommendations are documented in the attached inspection reports. Kindly have council review them so corrective action may be taken.

The Briar Hill Road Site (A42103) needs immediate attention. The domestic garbage has not been compacted or covered in several weeks. This large accumulation of waste is a potential fire hazard and a haven for rats. All the domestic garbage should be compacted and covered with six inches of fill material by a proper landfilling operation. This work should be completed as soon as possible.

If we can be of assistance, please feel free to contact this office.

Yours truly,

D.G. Kibler,
District Officer.

DGK/lk
Enc.

Ontario

Waste Manag... Branch
Minist... of The Environment
JUN 21 1974
File No,
Applied By:

Ministry of the
Environment

Municipal & Private Abatement Section
Suite 303, 1055 Princess Street
Kingston, Ontario, K7L 1H3

Telephone: 549-2401, 546-1746

REGISTERED

June 14, 1974

File No: A442102

Mr K.S. Johnston
Clerk-Treasurer
Township of Rear of Leeds and Lansdowne
Box 70
Seeley's Bay, Ontario

Dear Mr Johnston

re: Waste Disposal Site (Landfilling)
Lot 4, Concession 7
Township of Rear of Leeds and Lansdowne

In reviewing our file we find that we have not received acknowledgements to several letters we have sent to you over the past year or so regarding the subject site. Our letters were dated March 13, 1974, November 26, 1973, March 29, 1973 and May 18, 1972.

Our recent inspections, including one made recently on June 13, 1974 indicate burning and smoke violations, failure to compact refuse and provide cover. In addition the site is in a location which contravenes several requirements of Ontario Regulation 824.

In discussions with staff of our licensing office in Toronto we learn that the Provisional certificate of Approval which you will shortly be receiving will require closure of the site by August 31, 1974.

The writer, who has been designated as a Provincial Officer by the Minister under Section 82 of the Environmental Protection Act 1971, has reason to believe that the subject site is a source of contaminant. You

are therefore requested and required to furnish the following information:

1. The dates of the last four occasions on which earth cover was last applied to the wastes at the subject site and the quantities of earth cover material so applied.

2. The dates of the next occasion on which earth cover will be applied and the quantity of earth cover which will be so applied.

3. The dates by which the measures, detailed on the Provisional Certificate of Approval dated May 27, 1974 which relates to the subject site, will be commenced and completed.

4. The measures that Council will take to provide another method of disposal, or an alternative disposal site for persons presently using the site of Lot 4, Concession 7 of the Township of Rear of Leeds and Lansdowne.

This information should be furnished to the undersigned immediately after Council's next meeting.

Yours very truly,

F. J. Iliffe

FJI/SAW

F.J. Iliffe, P.Eng.
Senior Environmental Officer

cc Ken Wilk

Ontario

Ministry of the
Environment

Municipal & Private Abatement Section
Suite 303
1055 Princess Street
Kingston, Ontario K7L 1H3

Telephone: 546-1746, 549-2401

October 4th, 1974

Mr. K.S. Johnston
Clerk-Treasurer
Twp. of Rear of Leeds & Lansdowne
Post Office Box 70
Seeley's Bay, Ontario

RE: Township Waste Disposal Sites near Seeley's Bay and Briar Hill Road

Dear Mr. Johnston:

This letter will confirm Environmental Officer D.B. Wilson's recent inspection of the above noted sites. Kindly have Council review the attached inspection reports at their next meeting.

(1) Briar Hill Road Site (442103), Lot 18, Conc. XI:

This site is well controlled and supervised. The attendant, Mr. J. Saunders, appears to be segregating the wastes and in general is doing a good job. At the time of inspection the domestic refuse had not been covered in several weeks. Please note that all domestic refuse must be compacted and covered with six inches of earth fill at least twice a month by a proper landfilling operation.

(2) Seeley's Bay Site (442102), Lot 4, Conc. VII:

This site has been closed to thepublic and the refuse is now being accepted at the Briar Hill Site. A fence and sign has been erected. Cover material has been placed on the horizontal face and one-half of the exposed vertical face. Necessary action should be taken to maintain the integrity and continuity of the cover material.

If we can be of any assistance, please contact this office.

Yours very truly,

D.B. Wilson

D.B. Wilson,
Environmental Officer.

DBW/kk
Encl.
c.c. Waste Management Approvals Unit

ENVIRONMENTAL APPROVALS BRANCH
RECEIVED
DEC 20 1974
MUNICIPAL & PRIVATE
APPOVALS SECTION

Suite 303,
1055 Princess Street,
Kingston, Ontario.
K7L 1H3.

Area Code 613-546-1746

December 16, 1974

Mr. K. S. Johnston,
Clerk-Treasurer,
Rear of Leeds & Lansdowne Township,
Post Office Box 70
Seeley's Bay, Ontario.

Re: Township Waste Disposal Sites near Seeley's Bay and Briar Hill Road

Dear Mr. Johnston:

This letter will confirm a recent inspection of the above mentioned waste disposal site. Kindly have Council review the attached inspection reports at their next meeting in order that our recommendations may be carried out as soon as possible.

The Seeley's Bay site (442102) in Lot 4, Conc. VII is presently closed to the public. The site has been covered and the entrance is fenced with a sign posted. Some material has been dumped at the gate and should be cleaned up immediately.

The Briar Hill Road site (442103) in Lot 18, Conc. XI is well operated and controlled with good segregation of materials. It has been reported however that the site has been smouldering for several weeks and this must be corrected as soon as possible. Also regular compaction and cover should be maintained with covering at least every two weeks.

If we can be of any further assistance please feel free to contact this office.

Yours very truly,

D. G. Kimber, P. Eng.,
District Officer.

MJC/mp

Ministry of the Environment

Ontario

APPLICATION SUMMARY FORM

FOR HEAD OFFICE USE ONLY

File A- 442102

APPLICATION FOR: ISSUE ☐ RE-ISSUE ☑

Waste Management System ☐

Waste Disposal Site ☑

APPLICATION RECEIVED: Nov 22/73

DOCUMENTS	ISSUE Required	ISSUE Received	RE-ISSUE Required	RE-ISSUE Received
1. Application Form	☐	☐	☐	☐
2. Supporting Information	☐	☐	☐	☐
3. Municipal Certificate	☐	☐		
4. Copy of Notice	☐	☐		
5. List of Attached Documents	☐	☐	☐	☐
(a) Letter to Mr. Johnston from D.B. Rivoche	☐	☐	☑	☑
(b) Site Review April 26/73	☐	☐	☑	☑
(c)	☐	☐	☐	☐
(d)	☐	☐	☐	☐
(e)	☐	☐	☐	☐
6. Inspection Record Form	☐	☐	☐	☐
7. Regional Engineer's Rec.	☐	☐	☑	☑

~~PROOF SHEET MADE~~ Nov. 30/73

CERTIFICATE ☐

PROVISIONAL CERTIFICATE ☑

FILE TO APPROVALS ENGINEER NOV 30 1973

CIRCULATION REQUESTED TO _____

OUT	IN	CONTINUE	IN

DECISION

ISSUE	REFUSE	REFUSE TO RE-ISSUE	REVOKE	SUSPEND
☐	☐	☐	☐	☐

FILE COMPLETE AND VERIFIED

Dorar Kemp

LICENSING CLERK

Date MAY 28 1974

AUTHORIZED OFFICER

MOE 14210 9/73

Ontario

Ministry of the Environment

Waste Management Branch,
880 Bay Street, 3rd Floor,
Toronto, Ontario,
M5S 1Z8.

SITE RESUME

Date: April 26, 1973.

Applicant: Rear Leeds & Lansdowne Township File No. 442102

Location: Lot 4, Conc. 7, Twp. of Rear of Leeds & Lansdowne

Common Name (if applicable) Seeley's Bay

Municipalities Served: Township of Rear of Leeds and Lansdowne

Population Served 2155 Type of Site Dump where landfill required

No. of Inspections: 3 Date of Last Inspection: Feb. 28/73.

Upgrading proceeding under an Approved Program: Yes ____ No x

Applicant's Attitude: Retarding the Efforts of Branch ____ Adequate x

Current Status of Site:

Location: The site is poorly located on top of a high hill, approximately 100' facing north. It can be seen approximately 3/4 mile away. It is screened by trees to the south. No dwelling or watercourse nearby. It is adjacent to a public road. The site should be relocated.

Operations: The site is operated under minimum landfill standards (gate, fence, sign & supervisor). Control is adequate. Wastes are dumped over a steep cliff. Open burning is practised. Little coverage is applied and only part of the horizontal face is covered. The location and topography are not acceptable to our Branch. Township have been advised to close the site and look for another more suitable location.

MOE 14-212

Waste Management Branch,
2378 Holly Lane, Suite 204,
Ottawa, Ontario.
K1V 7P1

Area Code 613
Telephone 521-3450

March 13, 1974.

File Ref. A.442102
A.442103

Mr. K.S. Johnston,
Clerk-Treasurer,
Township of Rear of Leeds & Lansdowne,
Box 70,
SEELEY'S BAY, Ontario.

Waste Management Branch
Ministry of The Environment
MAR 15 1974
File No.
Applied By:

Re: Waste Disposal Sites on
(1) Lot 4, Concession VII (Seeley's Bay)
(2) Lot 18, Concession XI (Briar Hill)
Township of Rear of Leeds & Lansdowne.

Dear Mr. Johnston:

This letter is further to the inspection of the above noted sites on March 7, 1974 by the writer. Attached for Council's information are the inspection reports.

As noted in our previous correspondence, no definite answer has been received to date from your Council concerning the establishment of a new waste disposal site to replace the unacceptable site near Seeley's Bay.

The Provisional Certificate of Approval states that this site must be closed prior to July 15, 1974. As previously discussed with Reeve Sly, if no alternative site can be located, a collection service for the Seeley's Bay area to the Briar Hill Site is suggested.

If we can be of any assistance, please feel free to contact this office. We remain,

Yours truly,

D.B. Wilson,
Inspector,
Eastern Region.

DBW/hf
Att. Inspection Reports (2)

c.c. - Head Office files ✓

FOR HEAD OFFICE USE	
FILE	A-442102

APPLICATION SUMMARY FORM

APPLICATION FOR ISSUE ☐ RE-ISSUE ☑

WASTE MANAGEMENT SYSTEM ☐
WASTE DISPOSAL SITE ☑

APPLICATION RECEIVED April 9, 73

DOCUMENTS	ISSUE Required	ISSUE Received	RE-ISSUE Required	RE-ISSUE Received
1. Application Form	☐	☐	☐	☐
2. Supporting Information	☐	☐	☐	☐
3. Municipal Certificate	☐	☐		
4. Copy of Notice	☐	☐		
5. List of Attached Documents	☐	☐	☐	☐
(a) Copy letter) 4 Mar 29/73 to Clerk Jr. GBR	☐	☐	✓	✓
(b) Copy of follow-up inspection	☐	☐	✓	✓
(c) Copy memo 4 Mar 2/73 to 4 Min Jr. W.W.	☐	☐	✓	✓
(d) Copy letter) 4 Mar 2/73 to Clerk Jr. GBR	☐	☐	✓	✓
(e) Copy news clip. Feb. 6/73 Ottawa Journal	☐	☐	✓	✓
6. Inspection Record Form	☐	☐	☐	☐
7. Regional Engineer's Rec.	☐	☐	✓	✓

~~PROOF SHEET MADE~~ April 16, 73

CERTIFICATE ☐
PROVISIONAL CERTIFICATE ☑

FILE TO APPROVALS ENGINEER MAY 3 1973

CIRCULATION REQUESTED TO:

OUT	IN	CONTINUE	IN

DECISION

ISSUE	REFUSE	REFUSE TO RE-ISSUE	REVOKE	SUSPEND
☐	☐	☐	☐	☐

HOLD FOR ISSUE, NOT BEFORE (Date)

TO TYPIST

MAILED MAY 25 1973

FILE COMPLETE AND VERIFIED Date MAY 25 1973

B. J. Ellis
Licensing Clerk

K
Authorized Officer

MOE 14-210

442102

Waste Management Branch,
2775 Holly Lane, Suite 204,
Ottawa, Ontario.
K1V 7P2

Area Code 613
Telephone 731-9346

March 29, 1973.

File Ref. A.442102
A.442060

Mr. E.S. Johnston,
Clerk-Treasurer,
Township of Bear of Leeds and Lansdowne,
Box 70,
HENRY'S MAX, Ontario.

Re: Waste Disposal Sites located on
Lot 4, Concession 7 (Scaley's Bay)
Lot 16, Concession 11 (Bear Hill Road)

Dear Mr. Johnston:

This is further to our letter of December 5, 1972 and a routine visit to your sites on February 26, 1973. Please be kind enough to review the attached follow-up inspection records with Council at their next meeting.

Lot 4, Concession 7 (Scaley's Bay) - A.442102

At this site, as you know, refuse is dumped over a 45° exposed slope to a flat field about 60 feet below. This makes it very difficult to carry out an acceptable operation unless an access road is provided to the bottom of the slope. We, therefore, recommend to Council to either close this site, establish a collection system for the Village and use the Lyndhurst site, or relocate to a site with better topography and soil.
Please note in this connection that the Township would probably qualify for a grant to assist in closing the site properly.

Lot 16, Concession 11 (Bear Hill Road) - A.442060

The supervision and control at this site are quite satisfactory. On the other hand, you were not able to implement our recommendations of December 5, 1972 to perhaps did not understand that it was to your own interest to better compact the garbage so as to reduce its volume.

Waste Management Branch
APR 2 1973
ONTARIO MINISTRY
OF THE ENVIRONMENT

...2

If you run your operation as you do now, leaving a steep open face, there is no way for a bulldozer to go down the slope and compact the garbage, which means that you have to cope with a volume three or four times greater than necessary.
An illustration showing how to compact uphill is attached, and we sincerely hope that you will be able to convert to a true landfill operation sometime this spring or summer.

Please be sure to contact this office if you need assistance for the assessment of a proposed new site or to instruct your bulldozer operator. We are here to help you.

Very truly yours,

GR

G.R. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

GRR/hf
Att. Copies of Follow-up
Inspection Records & Illustration.
Copy of letter (Williamson-Auld) dated March 2, 1973.

c.c. - Head Office ✓

MINISTRY OF THE ENVIRONMENT

Waste Management Branch

FOLLOW-UP INSPECTION

COMMENTS AND RECOMMENDATIONS

File - A.442102

Re: Waste Disposal Site on
Lot 4, Concession 7
Township of Rear of Leeds & Lansdowne
(Seeley's Bay)

Site visited with Mr. G. Rivoche, Regional Engineer, on February 28, 1973.

Site open without supervision.
Wastes dumped over the cliff.
Open burning at the time of visit.
Same operation as before.

Recommendation:

That the site be closed off and the operation relocated to a suitable location.

Since the cost of closing off this site could well be above average your Municipality should qualify for a Provincial grant to cover these extra costs.

Geo. B. Rivoche P.Eng
Regional Engineer

Submitted by: Louis R. Gagnon

Title: Inspector

Lanark Co. towns urged to set up common dump

SMITHS FALLS (Special) — Smiths Falls is running out of room for garbage disposal and by Dec. 1 will have to look for a new dump.

One proposal put to town council Monday night came from George Rivoche, regional engineer with the waste management branch of the provincial ministry of the environment.

He told councillors that a regional study is being considered among the Lanark County municipalities of Carleton Place, Almonte and Perth, and that Smiths Falls should consider participating.

The purpose of the study would be to find a common sanitary land fill area with all municipalities and interested townships sharing the cost. "Unless something is done by Dec. 1 in finding a new site you'll have to dump your garbage in the street," Mr. Rivoche said.

"It will take time to find a suitable site and receive approval in the way of a licence from the ministry for the dump so you better get moving."

The town's one-year lease expires Dec. 1 on the present dump on the Brockville Road. It is privately owned, and the owner doesn't want any more dumping after Dec. 1.

Mr. Rivoche put forth another suggestion to try to help the town.

"I suggest that the town get outside help and hire a consulting engineer to find a new dumping site and solve the problem," he said. Carleton Place is in a serious situation after being turned down in its bid to use a new site in Beckwith Township.

"Start acting fast or you'll have a sad situation."

Mayor Tom Ashwell told council to consider approaching Perth and pursuing the idea of a regional study among municipalities.

"After all you are all in the same boat," Mr. Rivoche added.

Waste Management Branch
MAR - 5 1973
ONTARIO MINISTRY
OF THE ENVIRONMENT

FOR HEAD OFFICE USE	
FILE	A 442102

APPLICATION SUMMARY FORM

APPLICATION FOR ISSUE ☐ **WASTE MANAGEMENT SYSTEM** ☐ APPLICATION RECEIVED

RE-ISSUE ☑ **WASTE DISPOSAL SITE** ☑ July 31, 1972

DOCUMENTS	ISSUE Required	ISSUE Received	RE-ISSUE Required	RE-ISSUE Received
1. Application Form	☐	☐	☐	☐
2. Supporting Information	☐	☐	☐	☐
3. Municipal Certificate	☐	☐		
4. Copy of Notice	☐	☐		
5. List of Attached Documents	☐	☐	☐	☐
(a)	☐	☐	☐	☐
(b)	☐	☐	☐	☐
(c)	☐	☐	☐	☐
(d)	☐	☐	☐	☐
(e)	☐	☐	☐	☐
6. Inspection Record Form	☐	☐	☐	☐
7. Regional Engineer's Rec.	☐	☐	☑	☑

~~PROOF SHEET MADE~~ AUG - 4 1972

CERTIFICATE ☐

PROVISIONAL CERTIFICATE ☑

FILE TO APPROVALS ENGINEER AUG 15 1972

CIRCULATION REQUESTED TO:

OUT	IN	CONTINUE	IN

DECISION

ISSUE	REFUSE	REFUSE TO RE-ISSUE	REVOKE	SUSPEND
☐	☐	☐	☐	☐

HOLD FOR ISSUE, NOT BEFORE (Date)

TO TYPIST

MAILED AUG 28 1972

FILE COMPLETE AND VERIFIED

Date AUG 28 1972

Licensing Clerk

Authorized Officer

FORM WM-300A-2-72

ONTARIO

Department of the Environment

For Head Office Use	
O	R
2nd Sheet	
#	

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 44202.

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to Township Rear of Leeds & Lansdowne, Box # 70, Seeley's Bay, Ontario

for the Landfill Site

located Lot 4, Conc 7, Township Rear of Leeds & Lansdowne

subject to the following conditions

(1) As Before NONE

Mr. K.S. Johnston

This Provisional Certificate expires on the 31st day of August, 19 72

Dated this ..... day of ..... 19 .....

K. Clark (P)

Director, Waste Management Branch

(Page ..... of ..... Pages)

FORM WM 308-2-72

FOR HEAD OFFICE USE	
FILE	A445102

APPLICATION SUMMARY FORM

APPLICATION FOR ISSUE ☐ **WASTE MANAGEMENT SYSTEM** ☐ APPLICATION RECEIVED

RE-ISSUE ☑ **WASTE DISPOSAL SITE** ☑ .....

DOCUMENTS	ISSUE Required	ISSUE Received	RE-ISSUE Required	RE-ISSUE Received
1. Application Form	☐	☐	☐	☐
2. Supporting Information	☐	☐	☐	☐
3. Municipal Certificate	☐	☐		
4. Copy of Notice	☐	☐		
5. List of Attached Documents	☐	☐	☐	☐
(a) Copy letter Apr 14/72 from MOH. Clk.	☐	☐	☑	☑
(b)	☐	☐	☐	☐
(c)	☐	☐	☐	☐
(d)	☐	☐	☐	☐
(e)	☐	☐	☐	☐
6. Inspection Record Form (2)	☐	☐	☑	☑
7. Regional Engineer's Rec.	☐	☐	☐	☐

RE-ISSUE

PROOF SHEET MADE: MAY 23 1972

CERTIFICATE ☐

PROVISIONAL CERTIFICATE ☑

FILE TO APPROVALS ENGINEER: MAY 25 1972

CIRCULATION REQUESTED TO:.....

OUT	IN	CONTINUE	IN
.....	.....	.....	.....

DECISION

ISSUE	REFUSE	REFUSE TO RE-ISSUE	REVOKE	SUSPEND
☐	☐	☐	☐	☐

HOLD FOR ISSUE, NOT BEFORE (Date).....

TO TYPIST: .....

MAILED: JUN 23 1972

FILE COMPLETE AND VERIFIED

Date: JUN 23 1972

B. J. Ellis
Licensing Clerk

K. Clark
Authorized Officer

FORM WM-300A-2-72

Waste Management Branch

2378 Holly Lane, Suite 204,
Ottawa, Ontario KIV 7P1

Area Code 613
731-9944

April 4, 1972.

File Ref.: A.442101
A.442102 ✓
A.442103

Mr. K.S. Johnston,
Clerk-Treasurer,
Township of Rear of Leeds & Lansdowne,
Box 70,
SEELEY'S BAY, Ontario.

Re: Waste Disposal.
Upgrading new site,
Closing off the two old sites.

To comment further on the attached inspection records and summarize the situation in your Township:

1) New site opened in January 1972 on Lot 18, Concession 11 2/03

You made a good start and now all you have to do is improve the access road and coverage as soon as weather permits. If you need further technical assistance do contact this office. We will inspect the site again in June and hope by then to find a true landfill operation going. Byng Hill Road.

2) The old sites located on Lot 4, Concession 7 and Lot 5, Concession 9 should be closed down. The correct procedures are spelled out inthe attached form letter on pages 3 and 4. Do note:

a) that we are not asking you to replace the old site by another new site. You already have one and if you wish to concentrate all your resources on that one site you are quite welcome. We actually think it will be a wise decision since several sites operated in accordance with the new Act and Regulation will be quite costly to run.

...2

b) the provisional certificates for the above sites expire on May 15, 1972. We understand that you will probably need more time to do a good job and will be happy to extend your certificates provided you let us know in writing the amount of time needed to implement our recommendations.

Very truly yours,

GR

G.B. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

GBR/hf
Att.

c.c. - Head Office ✓

Waste Management Branch
APR 6 1972
ONTARIO DEPARTMENT
OF THE ENVIRONMENT

DEPARTMENT OF THE ENVIR T

Waste Management Branch

WASTE DISPOSAL INSPECTION - SITE RECORD

File A. 442102 Date March 15, 1972.

1. SITE (~~proposed~~/existing) on LOT 4, CONC. 7, TWP. Rear - Leeds & Lansdowne
2. SERVING Seeley's Bay Area POPULATION 1800
3. DESCRIPTION (ravine, swamp, farm field, sand pit, etc.) High Hill - (100')
4. TERRAIN (flat, less 10% slope, more 10% slope, compound slope) More 10% AREA 3 Acres
5. SURFACE DRAINAGE (good, average, poor) Good
6. SOIL (boulders, gravel, sand, silt or clay) Loam Gravel on Rocks
7. WATER TABLE (depth, flooding?) Unknown
8. DISTANCE - WATERCOURSE 1500'; PUBLIC ROAD 50'; DWELLING ½ mile
9. SITE SUMMARY (satisfactory, unsatisfactory) Unsatisfactory

OPERATION RECORD

10. OWNED BY Township; OPERATED BY Township
11. CONTROL - ACCESS ROAD? Yes; SCREENING? No; SIGN? Yes
FENCE? Yes; GATE? (Chain); UNLOADING AREA? Yes
FIREBREAK? No; BLOWING LITTER? Yes;
RESTRICTED PUBLIC ACCESS Yes;
SUPERVISION WHEN SITE OPEN Yes; OPEN DAYS? 3 days-week;
OPEN BURNING? Yes; WASTES SEGREGATED? No;
RATS? Suspected; ERADICATION PROGRAM? Pest Control;
12. COVERAGE - METHOD (trench, area, etc.) Modified Landfill
FREQUENCY Once a month; BY Township; EQUIPMENT Bulldozer
13. OPERATION SUMMARY (satisfactory, unsatisfactory) Unsatisfactory

COMMENTS AND RECOMMENDATIONS

Site visited, accompanied by Mr. Hubert Sly, Deputy Reeve.

Control at the site is satisfactory. Supervisor, gate and sign provided.
Dumping is done over a steep cliff (100').
Open face seen from roadway. Open burning.
Mr. Sly was told that the control of the site is adequate, but the site itself, being on top of a high hill, is not acceptable to our branch because it is impossible to implement the requirements of section 13 of Ontario Regulation 375/70.

Now that you have a new site on lot 18 conc 11 you should close this site down as per letter (Rivoche - Johnston) of April 4, 72

Geo. B. Rivoche P. Eng
Regional Engineer

Submitted by: [illegible] Sagmoy

Title: Inspector

DEPARTMENT OF THE ENVIR[illegible]T

Waste Management Bra[illegible]

WASTE DISPOSAL INSPECTION - SITE RECORD

File A. 442103 Date March 15, 1972.

1. SITE (~~proposed~~/existing) on LOT 18, CONC. 11, TWP. Rear - Leeds & Lansdowne
2. SERVING Lyndhurst & Township POPULATION 1100
3. DESCRIPTION (ravine, swamp, farm field, sand pit, etc.) Gravel Pit
4. TERRAIN (flat, less 10% slope, more 10% slope, compound slope) Flat - (Bottom of Excavation) AREA 10 Acres
5. SURFACE DRAINAGE (good, average, poor) Good
6. SOIL (boulders, gravel, sand, silt or clay) Gravel
7. WATER TABLE (depth, flooding?) Unknown
8. DISTANCE - WATERCOURSE 1000'; PUBLIC ROAD 50'; DWELLING ¼ mile
9. SITE SUMMARY (satisfactory, unsatisfactory) Satisfactory

OPERATION RECORD

10. OWNED BY Mr. Neil Banks; OPERATED BY Township
11. CONTROL - ACCESS ROAD? Yes; SCREENING? Yes; SIGN? No
    FENCE? Yes; GATE? Yes; UNLOADING AREA? Yes
    FIREBREAK? Yes; BLOWING LITTER? Yes;
    RESTRICTED PUBLIC ACCESS Yes;
    SUPERVISION WHEN SITE OPEN Yes; OPEN DAYS? 3 days Mon.-Wed.-Sat.;
    OPEN BURNING? No; WASTES SEGREGATED? No;
    RATS? Suspected; ERADICATION PROGRAM? Pest Control;
12. COVERAGE - METHOD (trench, area, etc.) Area Fill - (Modified Landfill)
    FREQUENCY Once a month; BY Township; EQUIPMENT Bulldozer
13. OPERATION SUMMARY (satisfactory, unsatisfactory) Unsatisfactory

COMMENTS AND RECOMMENDATIONS

Site visited, accompanied by Mr. J. Plunkett, Road Superintendent.

Site opened in January 1972.
Open face dumping area. Compaction and coverage not done as stipulated in Ontario Regulation 375/70.
Lack of a sign indicating days and hours of operation.
Discussed with Mr. Plunkett, landfill operation.
It was suggested to Mr. Plunkett that refuse should be dumped at the bottom of excavation on east side of pit. This will provide a better compaction and coverage. This, as stated by Mr. Plunkett, will be implemented as soon as weather permits.

Recommendations:

1. To upgrade the site, the present wastes should be graded to form a slope and covered with 6" of fill material.
2. The dumping area should be located in the east part of the excavation. All the waste should be graded, compacted in 2 foot layers and covered with 6" of compacted fill material at least twice a month.
3. A sign indicating days and hours open should be posted at the entrance to the site.

Concur. All new sites should be operated strictly in accordance with the Act & Regulations.
Inspect again in May or June
Geo. B. Rivoche P.Eng.
Regional Engineer

Submitted by: [illegible] Lagroy
Title: Inspector

Hirsch

File.....A.....443103.....

APPLICATION SUMMARY FORM

1. APPLICATION FOR
   - WASTE MANAGEMENT SYSTEM ☐
   - WASTE DISPOSAL SITE ☒

2. APPLICATION RECEIVED Date.....Oct 13/71.....

DOCUMENTS	Required	Received
1. Application Form	☐	☐
2. Supporting Information	☐	☐
3. Municipal Certificate	☐	☐
4. Copy of Notice	☐	☐
5. List of Attached Documents	☐	☐
(a)	☐	☐
(b)	☐	☐
(c)	☐	☐
(d)	☐	☐
(e)	☐	☐
6. Inspection Record Form	☐	☐
7. Regional Engineer's Rec.	☐	☐

3. CIRCULATION REQUESTED
   - 8. TO:.....
   - 9. OUT.....IN ☐
   - 10. CONTINUE.....

4. DECISION
   - 11. ISSUE ☐
   - 12. REFUSE ☐
   - 13. REVOKE ☐

5. HOLD FOR ISSUE, NOT BEFORE (Date).....

6. APPROVAL
   - 14. PROOF SHEET MADE ☒
   - 15. FILE TO SENIOR ENGINEER Date.....
   - 16. FILE FROM SENIOR ENGINEER Date.....

7. TYPE AND MAIL
   - 17. TO TYPIST Date.....
   - 18. FROM TYPIST Date.....OCT 14 1971
   - 19. TO SIGNING OFFICER Date.....OCT 14 1971
   - 20. FROM SIGNING OFFICER Date.....
   - 21. MAILED Date.....OCT 15 1971

22. FILE COMPLETE AND VERIFIED Date.....OCT 1.....

.....Licensing Clerk .....Authorized Officer

W.M. 300-9-71

Department of Energy and Resources Management

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Certificate No. 44210 2

Under **The Waste Management Act, 1970** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Twp. Rear of Leeds & Lansdowne

for the landfill Site

located Lot 4, Con 7

subject to the following conditions

as before

This Provisional Certificate expires on the 15 day of May

19 72

Dated this ..... day of ..... 19 .....

Director, Waste Management Branch

W.M.B. Form 2.03

Municipality of Rear of Leeds and Lansdowne

SEELEY'S BAY, ONT. March 5th, 1971

De[illegible]ment of Energy & Resources Management

T[illegible]ronto, Ont.

De[illegible] Sirs:- Re: Waste Disposal Sites. Certificates 442102 -442101

In your notices dated Feb. 11th, 1971 you mention new sites, and existing sites closed. Why if the old sites are covered can they not be used again and again by covering at different times.

The Council of the Township of the rear of Leeds & Lansdowne would like to experiment with a small portion of the existing sites by covering them with gravel.

Council will await your comments before doing anything.

Trusting to hear from you soon.

Yours truly:

K.S. Johnston

K.S. Johnston

Clerk-Treasurer

Waste Management Design Ar[illegible]

[illegible] 17

[illegible]

Area Code 613
546-3297

A.442101
A.442102

797 Princess St.
Kingston, Ont.

xxxxxxxxxxxxx
xxxxxx

May 4, 1971.

C O P Y

Mr. K. S. Johnston, Clerk,
Twp. Rear of Leeds & Lansdowne,
Seeley's Bay, Ontario.

Dear Mr. Johnston:

This is further to your letter of March 5, 1971 addressed simply to the Dept. of Energy & Resources, in which you asked why the old sites namely the Lyndhurst and Seeley's Bay dumps cannot be used again and again by covering them with gravel.

On April 2, 1971 we visited together the Lyndhurst and Seeley's Bay waste disposal sites and I take this opportunity to confirm our conversation.

When I saw the Lyndhurst operation which can be best described as dumping from about 100 feet along road down a 60° cliff into a wooded ravine 50 feet below, I mentioned that this site has to be closed down before expiry date and a new one provided by the Township. Regulations made under the Waste Management Act stipulate indeed for all landfilling operations in Ontario that "waste shall be deposited in an orderly manner in the fill area, compacted adequately and covered by cover material", usually at least 6". Since it is impossible to compact over such a steep slope and since it is impossible to change the existing slope the operation has to be discontinued. Dumping gravel from the top cannot help and should only be used for closing down the site.

The Seeley's Bay site is also an operation where refuse is dumped from the top of the horizontal working area (which incidentally is adequately covered with fill) over the edge down a 45° exposed slope to a flat field probably some 60 ft. below. Here again I explained I believe either to you or to the Roads Superintendant, Mr. J. Plunkett that covering and compacting the

exposed face from the top was not possible and suggested instead that you should consider either closing this site or providing an access road to the bottom of the slope and working your way up from the field below, i.e. a bulldozer pushing the refuse against the toe of the slope covering it with fill and compacting. Of course if you decide to use this method the exposed face will still have to be covered with inert material to prevent pollution.

I trust that this answers some of the questions you had. Do let me know if we can help with the selection of new proposed sites or by providing more information about the trench and fill method.

Yours very truly,

GR

G. B. Rivoche, P. Eng.,
Regional Engineer,
Eastern Region.

GRB/mp
cc: B. H. Young, C.P.H.I.(C)
Head Office

COPY

K. S. JOHNSTON, TOWNSHIP

Municipality of Rear of Leeds and Lansdowne

SEELEY'S BAY, ONT. March 5 th. 1971

Department of Energy & Resources Management

Toronto, Ont.

Dear Sirs:- Re; Waste Disposal Sites. Certificates 442102 -442101

In your notices dated Feb. 11 th. 1971 you mention new sites, and existing sites closed; Why if the old sites are covered can they not be used again and again by covering at different times.

The Council of the Township of the rear of Leeds & Lansdowne would like to experiment with a small portion of the existing sites by covering them with gravel.

Council will await your comments before doing anything.

Trusting to hear from you soon.

Yours truly;

K.S. Johnston

K. S. Johnston

Clerk-Treasurer.

Waste Management Branch

Ontario Department
and Resources Management

File.....A.....442102.....

APPLICATION SUMMARY FORM

1. APPLICATION FOR
   - WASTE MANAGEMENT SYSTEM [ ]
   - WASTE DISPOSAL SITE [X] FEB 8, 1971

2. APPLICATION RECEIVED — Date February 8, 1971

DOCUMENTS	Required	Received
1. Application Form	X	X
2. Supporting Information	X	X
3. Municipal Certificate		
4. Copy of Notice		
5. List of Attached Documents		
(a) Memo dated July 22, 1970 from L. E. Davidson	X	X
(b)		
(c)		
(d)		
(e)		
6. Inspection Record Form		
7. Regional Engineer's Rec.	X	X

3. CIRCULATION REQUESTED
   - 8. TO:.....
   - 9. OUT.....IN [ ]
   - 10. CONTINUE.....

4. DECISION
   - 11. ISSUE [X]
   - 12. REFUSE [ ]
   - 13. REVOKE [ ]

5. HOLD FOR ISSUE, NOT BEFORE (Date).....

6. APPROVAL
   - 14. PROOF SHEET MADE [X]
   - 15. FILE TO SENIOR ENGINEER — Date February 11, 1971
   - 16. FILE FROM SENIOR ENGINEER — Date February 11, 1971

7. TYPE AND MAIL
   - 17. TO TYPIST — Date February 11, 1971
   - 18. FROM TYPIST — Date February 12, 1971
   - 19. TO SIGNING OFFICER — Date February 12, 1971
   - 20. FROM SIGNING OFFICER — Date February 24, 1971
   - 21. MAILED — Date February 24, 1971

22. FILE COMPLETE AND VERIFIED — Date March 1, 1971

B. J. Ellis
Licensing Clerk

Authorized Officer

W.M.B. Form 2.10

ONTARIO

Department of Energy and Resources Management
Waste Management Branch

DEPT OF ENERGY AND
DEC 18 1970
WASTE MANAGEMENT B
KINGSTON OFFICE

APPLICATION FOR A CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

TO: THE DEPARTMENT OF ENERGY AND RESOURCES MANAGEMENT
880 Bay Street,
Toronto, Ontario

To be submitted through Regional Waste Management Engineer

(1) Under the Waste Management Act, 1970 and the regulations, this application is made by Twp. Rear Leeds & Lansdowne — *Owner of Facility*

Seeleys Bay Box 70 — *Address*

(2) for the ~~Renewal~~ / Issue of a Certificate of Approval for a — *Delete item inapplicable*

~~Operation~~ LANDFILL Site — *Type of Disposal*

(3) located ~~Con~~ Lot 4, Concession VII — *Full particulars of Location*

on Big Hill Road - Seeleys Bay

(4) A Certificate / Provisional Certificate of Approval No. ..... for this site was issued ..... 19..... — *Delete item inapplicable*

(5) No change in use, operation, or ownership of the site has occurred since the date of the original application.

Dated this ..... day of ..... 19.....

.....
Signature of Applicant

(6) The following changes in use, operation or ownership (have occurred since the date of the original application) (are proposed) — *Delete item inapplicable*

If necessary, provide additional details on separate sheets and attach to application.

.....

.....
Continued on Attached Sheets ☐

(7) The site will be operated in accordance with The Waste Management Act, 1970 and the regulations by Twp. Rear Leeds & Lansdowne — *Name of Operator*

Seeleys Bay — *Address*

The required supporting information to the application is appended hereto.

(8) Notice of this application has been published in the .....

..... on ....., ... and

..... 19..... and a copy of the notice is attached.

(9) A certificate that the site does not contravene any of the by-laws of the municipality is attached. — *To be completed if applicant is other than a municipality*

See notes on sections 1 to 9 on back of last copy (pink) which is to be retained by Applicant.

Dated this 14th day of Dec. 1970

H. S. Johnston
Signature of Applicant

No Carbon Paper Required

W.M.B. Form 2.02

Department of Energy and Resources Management
Waste Management Branch

SUPPORTING INFORMATION TO AN APPLICATION FOR APPROVAL OF A LANDFILL DISPOSAL SITE

Head Office Use

1. Wastes to be Disposed of Comprise

Domestic	90 %
Commercial	10 %
Industrial Waste	%
Hauled Liquid Industrial Waste	%
Agricultural Waste	%
Hazardous Waste	%
Hauled Sewage	%
*Other	%
	100%

*Describe.....

Total 1/4 Tons/Day

Population Served 2100

2. Origin and Composition of Principal Components of Waste (other than domestic and commercial)

Some brush and scrap metal

3. Distance to Nearest Watercourse 2000 Ft.
Distance to Source of Potable Water 2800 Ft.
Distance to Dwelling 2800 Ft.
Distance to Public Road 10 Ft.
Distance to Cemetery Ft.

Total Area of Site 3 Acres
Anticipated Life 1 Years

General Description of Site
Dumping takes place at the of a high hill. Top of Hill is flat. Area is fenced with no gate. At bottom of hill are trees.

4. Maximum Depth of Excavation
Below Surface Ft.
Maximum Height of Fill
Above Surface Ft.
Type(s) of Material Encountered From Surface

Ft.

Ft.

Ft.

Depth of Watertable Below Surface Ft.
on (Date).

5. Proposed Future Land Use
leased from a farmer

6. Operating Equipment
one bulldozer hired part time to level refuse.

Hours of Operation open all the time

7. The Following Documents are Attached

Prepared by

DATED

SIGNED T. S. Johnston

FOR DEPARTMENTAL USE

8. Authorities Consulted:

Health Unit	☐ Objection	☑ No Objection
O.W.R.C.	☐ Objection	☐ No Objection
A.M.B.	☐ Objection	☐ No Objection
Municipality	☐ Objection	☐ No Objection
Conservation Authority	☐ Objection	☐ No Objection

Other

Inspection Record Forms Attached

Regional Engineer's Report Attached ☐

RECOMMENDATION
see form 2-11

DATED 2-2-71

SIGNED George R. Rubles

W.M.B. Form No. 2.07

No Carbon Paper Required

July 22, 1970

A.442102

File

P. E. Davidson, P. Eng.

Rear of Leeds & Lansdowne Twp. Disposal Site
Lot 4, Conc. 7

- inspected July 9, 1970
- located on Big Hill Rd., 0.8 miles south of Hwy 15
- sign "Township dump. No junkers".
- on high hill (100' high) facing north. Can be seen approx. 3/4 mile away
- dumping of waste over steep cliff
- open dump (fan-shaped), with burning. No covering
- no fill on site. Screened by trees to the south
- no water pollution likely
- no homes or watercourses nearby
- recommendation - close

P. E. Davidson, P. Eng.

PED/mp
cc: Head Office

Waste Management Branch

JUL 24

Ontario Department of Energy
and Resources Management

Legend

estimate extent of WDS

1925 Aerial (National Air Photo Library)

0 50 100 m

Legend

estimated extents of WDS

1936 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1948 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1954 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1964 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1976 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1987 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

1995 Aerial (National Air Photo Library)

0 100 200 m

Legend

estimated extents of WDS

2005 Aerial (Google Earth)

0 100 200 m

Legend

estimated extents of WDS

2019 Aerial (MAXAR Technologies)

0 100 200 m

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

via: email

March 27, 2024
File: 1793.00-100

David Holliday
Township of Leeds and the Thousand Islands
1233 Prince St., P.O. Box 280
Lansdowne, Ontario, K0E 1L0
directoroperations@townshipleeds.on.ca

Subject: Summary of Site Information
Red Horse Lake Road Closed Waste Disposal Site
Lot 5, Concession 9
Leeds and The Thousand Islands, ON, K0H 2N0

Dear Mr. Holliday:

Malroz Engineering Inc. (Malroz) was retained by the Township of Leeds and the Thousand Islands (TLTI or the Township) to conduct an inspection of the Red Horse Lake Road closed landfill (the Site), located lot 5 concession 9 within the Township of Leeds and The Thousand Islands (see Figure 1, Attachment A). The inspection was conducted in response to a Provincial Officers Inspection Report 1-208320317 outlined in the Inspection Report completed by Ministry of the Environment Conservation and Parks (MECP or the Ministry) Provincial Officer Nathalie Matthews (Attachment B). The inspection report noted a number of actions to be taken. This letter is in response to item HCL-9.

The action items are summarized in the following sections with our summary response below the Ministry request.:

1. **Location:** a description of and diagram drawn to scale depicting the location of the fill area, adjacent property boundaries, the location of water wells and location of local surface water features.
2. **Contaminant Transport:** an interpretation of local overburden and bedrock groundwater flow direction.
3. **Delineation of the Waste Disposal Area:** an interpretation of the waste disposal area from historical documentation and site reconnaissance.
4. **Estimated Waste Volume:** the approximate volume of waste deposited at the Site interpreted from visual observations and historical documents.
5. **Types of Waste:** the type of waste deposited at the Site.
6. **Evaluation of Risk, Impacts & Adverse Effects:** an assessment of risk, potential impacts, and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

After discussions between the Ministry and the Township, Malroz staff conducted an non intrusive inspection and survey of the Site on

December 12, 2023. Photographs of the Site are included in Attachment C.

1.0 Location: description of and diagram drawn to scale depicting the location of the fill area, adjacent property boundaries, the location of water wells and location of local surface water features.

The fill area is located west of Red Horse Lake Road along and at the bottom of a drop cliff which was formerly used as the drop-off site. A retaining wall was visible west of Red Horse Lake Road at the top of the cliff (see Figure 2, Appendix A). A surface water feature was observed at the bottom of the drop cliff, this surface water feature is reportedly seasonal. One residence (188 Red Horse Lake Road), and two domestic supply wells are located within 500 meters of the Site (see Figure 1, Attachment A, and Attachment D). The nearest surface water feature is located at the bottom of the drop cliff along the western boundary of the Site and has been identified as a seasonal surface water feature. This surface water feature is inferred to flow south into a provincially significant wetland then into Singleton Lake, located approximately 1 km southwest of the Site.

2.0 Contaminant Transport: an interpretation of local overburden and bedrock groundwater flow direction.

Due to the distance of the provincially significant wetland and Singleton Lake, the inferred shallow overburden groundwater flow from the Site is towards the wetland to the southwest.

The Ministry had identified concerns with respect to the waste from the closed waste disposal site within the surface water feature located at the bottom of the drop cliff. The waste located within the surface water has since been removed. Additional information on the removal of material is presented in Section 7.0.

We further understand that the Ministry sampled the residential well at 188 Red Horse Lake Road and did not identify concerns with respect to the closed WDS.

3.0 Delineation of the Waste Disposal Area: an interpretation of the waste disposal area from historical documentation and site reconnaissance.

The landfill was estimated as having an area of 1 acre from historical information provided by the MECP (Attachment E). Access was located off of Red Horse Lake Road where a concrete wall had been erected to facilitate dumping over the cliff. Historical documentation also suggests that some of the waste may have been compacted and buried.

Historical aerial photographs from 1925 to 2019 were evaluated for evidence of the former landfilling activities (see Attachment F for aerial photographs). Due to the quality and scale of the aerial photographs evidence of landfilling activities was not obvious.

Red Horse Lake Road is visible in the photographs as well as the surrounding agricultural land and wooded areas.

Precise delineation of the landfill site has not been found in historical documentation or aerial photography; thus, the area of the landfill and its waste have been inferred from the site visit, and shown in Figure 2 Attachment A.

4.0 Estimated Waste Volume: the approximate volume of waste deposited at the Site interpreted from visual observations and historical documents

The waste was generally observed along and at the bottom of a cliff parallel to Red Horse Lake Road covering an area of approximately 1,000 m^2 (see Figure 2, Attachment A). Waste was observed on the cliff and near the bottom (see Attachment C); however, the extent of the waste which may have been buried should be further investigated via test pitting. The extents of the historical waste could not be evaluated during the non-intrusive site work; therefore, the estimated volume of 750 m^3 only accounts for the waste that was observed above ground upon and near the bottom of the cliff. An additional 600 m^2 of the area may have buried waste, and is shown in Figure 2 Attachment A.

The volume of waste was estimated based on the topographical contours of the area provided by the Ministry of Natural Resources and Forestry (MNRF) through the Digital Raster Acquisition Project Eastern Ontario (DRAPE) 2019-2020, and field observations made during the inspection. Based on observations made during the inspection, the waste did not appear to be covered or capped, however the inspection did not include any intrusive work (test pits/ boreholes were not advanced). Evidence of test pitting activities at the Site were observed during the site visit – three stakes labelled TP1 to TP3 were observed at the top of the cliff along Red Horse Lake Road. The location of the stakes is depicted in Figure 2, Attachment A. From historical information provided by the MECP the Site was described as an open dump with no covering (Attachment E).

5.0 Types of Waste: the type of waste deposited at the Site

The type of waste observed consisted of cars, meal drums, metal tanks, large appliances, mattress springs, tires, some plastic waste, marine batteries, and glass containers and bottles. Historically the waste was categorized as 95% domestic waste and 5% commercial waste. From historical information provided by the MECP, the waste was generally described as brush, tires, and scrap metal (Attachment E).

6.0 Evaluation of Risk, Impacts & Adverse Effects: an assessment of risk, potential impacts, and adverse effects to local groundwater, including existing well water supplies, and local surface water features.

The landfill appears to be uncapped, as observed during the inspection, and historical information suggests it was an open dump with no covering. This exposes the waste to potential leaching and contamination of groundwater and surface water. No evidence of leachate was observed during the site visit.

Residential drinking water wells located within 500m of the Site appear to be upgradient of the closed WDS, as such impacts to the wells are not anticipated. We also understand that the Ministry sampled the well at 188 Red Horse Lake Road and did not identify concerns related to the closed WDS, the results of the sampling have not been provided.

The presence of diverse waste types, including metals, appliances, batteries, and plastic containers of which the contents are unknown, may contribute to surface and/or groundwater contamination and pose a risk to human health and the environment.

7.0 Work Completed to Date

Upon the completion of the MECP inspection in May 2023 the Township completed initial clean-up efforts in response to Non-Compliance Item 1 (NC-1) (see Attachment B). Some photos of the clean-up efforts provided by TLTI have been included in Attachment G. Approximately 2.23 metric tonnes of scrap metal were removed from the Site and recycled and 2.29 metric tonnes of waste were removed from the Site. We also understand that four 20 yard roll-off bins of tires were removed from the Site and were processed at the Lansdowne WDS through the Resource Productivity & Recovery Authority (RPRA)Tire Program.

Recommendations:

Further evaluate the extent and thickness and nature of the waste.

An intrusive site investigation plan to delineate the extent of the waste deposited at the Site including the advancement of test pits is suggested.

Evaluate alternatives noted by the MECP such as capping or waste removal. We understand that the municipality is in the process of seeking grant funding to support these alternatives.

Closure

This document has been prepared for TLTI for submission to the MECP as required by the corrective actions outlined in the Inspection Report completed by Provincial Officer Nathalie Matthews. Unauthorized re-use of this document for any other purpose, or by third parties without the express written consent of Malroz shall be at such party's sole risk.

Respectfully submitted,

Malroz Engineering Inc.

LICENSED PROFESSIONAL ENGINEER
J. PAYEUR
100568238
2024-03-27
PROVINCE OF ONTARIO

Jessie Payeur, P.Eng.
Project Engineer

PROFESSIONAL GEOSCIENTIST
JOHN ROBERT PYKE
PRACTISING MEMBER
1855
ONTARIO

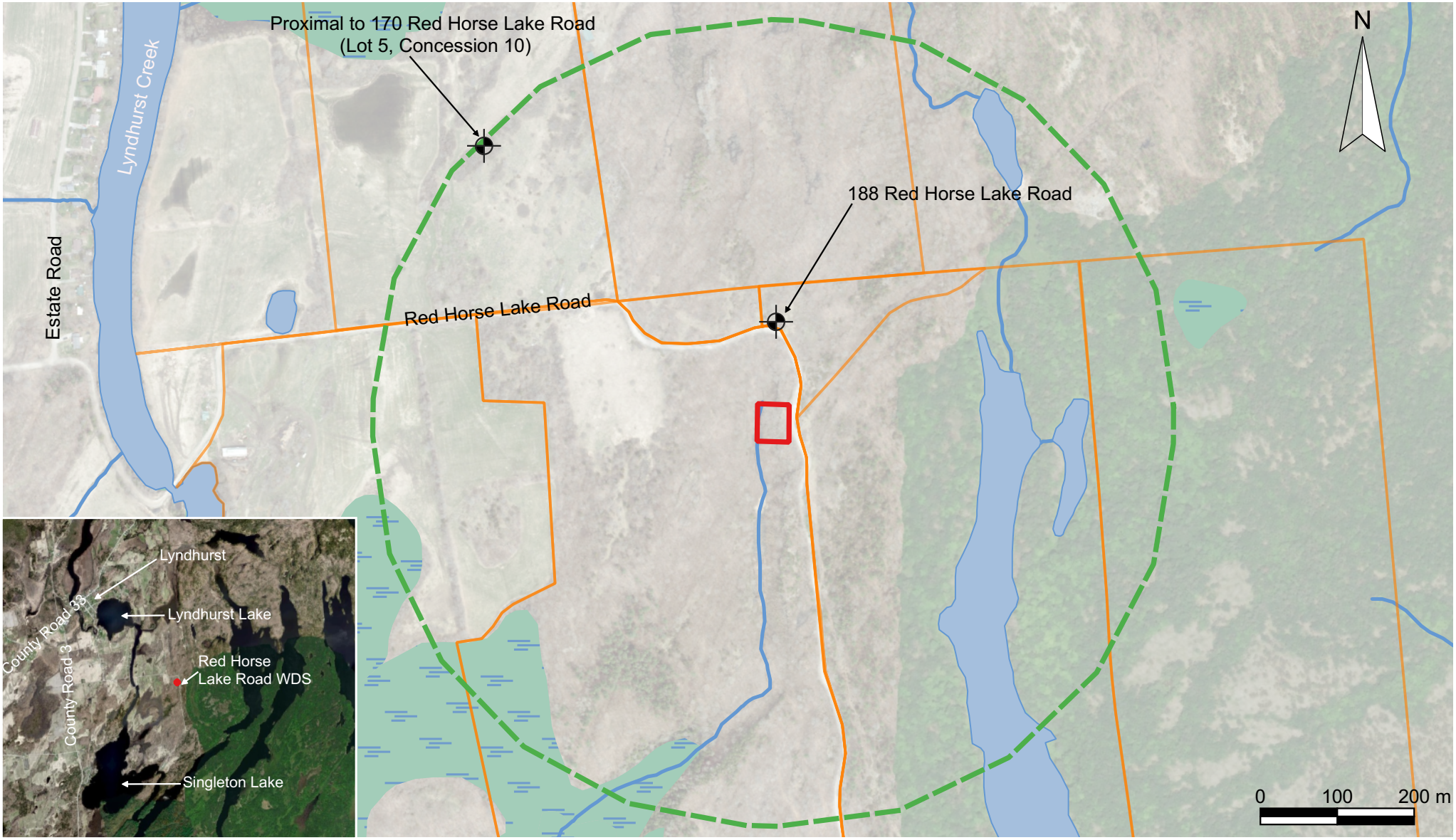
John Pyke, P.Geo.
Project Manager

LICENSED PROFESSIONAL ENGINEER
P. R. KLINK
100057540
PROVINCE OF ONTARIO

Paula R. Klink, PhD, P.Eng., FEC
Senior Engineer

Encl:

	Attachment A	Figures
	Attachment B	MECP Field Inspection Report
	Attachment C	Site Reconnaissance Photographs
	Attachment D	Proximal Water Well Records
	Attachment E	Historical Information Provided by MECP
	Attachment F	Aerial Photographs
	Attachment G	Photos and Invoice from August 2023 Clean-up Efforts



Legend

- estimated extent of former WDS
- 500 m surrounding estimated extent of former WDS
- approximate property boundary
- approximate location of waterbody
- approximate location of watercourse
- approximate location of wetland
- approximate location of water well

Rev	Date	Description	By	Chkd
R0	2024-03-25	for final	BB	JMP

Site Location Plan

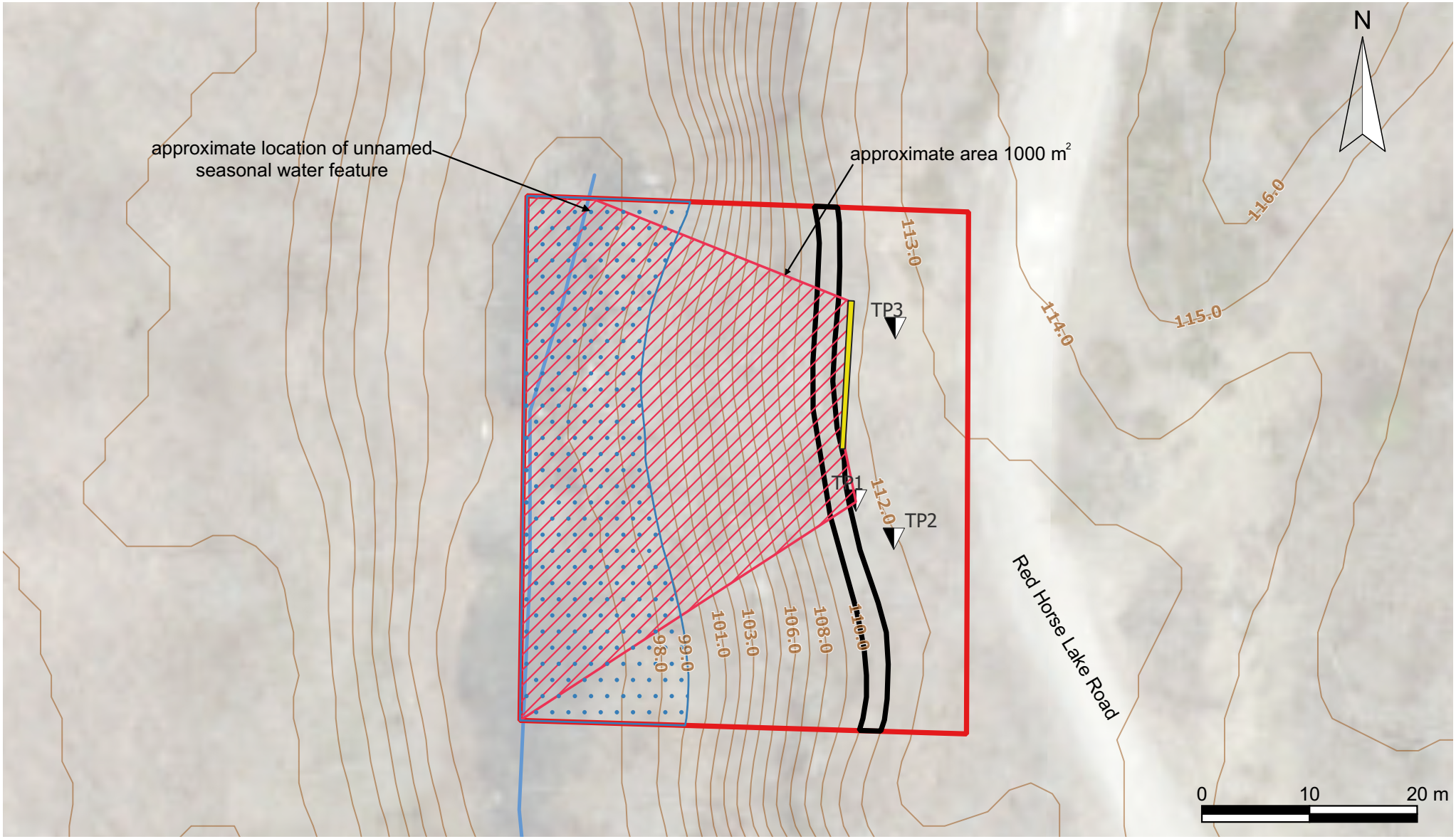
2023 Inspection Report
Red Horse Lake Road Closed Waste Disposal Site
Lot 5, Concession 9, Leeds and The Thousand Islands, ON, K0H 2N0

File: 1793.00-100

Figure 1

MALROZ

Data Sources: Figure based on Malroz field observations and Google Earth imagery, location of water bodies and water courses from Ontario Hydrology Network, property lines obtained from Leeds and Grenville Public Map viewer - property lines are not survey accurate and may contain errors.



Legend

- estimated extent of former WDS
- estimated extent of observed waste
- presumed extent of buried waste
- approximate extent of drop cliff
- approximate extent of retaining wall
- approximate location of test pit
- approximate location of watercourse
- topographic contours (1.0 m)

Data Sources: Figure based on Malroz field observations and Google Earth imagery, location of water bodies and water courses from Ontario Hydrology Network, topographic contour data obtained from MNRF openb data, property lines obtained from Leeds and Grenville Public Map viewer - property lines are not survey accurate and may contain errors.

Rev	Date	Description	By	Chkd
R0	2024-03-25	for final	BB	JMP

Site Plan

2023 Inspection Report
Red Horse Lake Road Closed Waste Disposal Site
Lot 5, Concession 9, Leeds and The Thousand Islands, ON, K0H 2N0

File: 1793.00-100

Figure 2

MALROZ

RED HORSE LAKE ROAD CLOSED WASTE DISPOSAL SITE
,

INSPECTION REPORT

Entity:	THE TOWNSHIP OF LEEDS AND THE THOUSAND ISLANDS PATRICK YATES
Inspection Start Date:	May 01, 2023
Inspection End Date:	June 08, 2023
Inspected By:	Nathalie Matthews
Badge #:	612

(signature)

NON-COMPLIANCE

The following item(s) have been identified as non-compliance, based on a "No" response captured for a legislative question(s). For additional information on each question see the Inspection Details section of the report.

Ministry Program: WASTE | **Regulated Activity:** Landfills

Item	Question	Compliance Response/Corrective Action(s)
NC-1	**Question ID:** HCL 1 Is the surface/landfill cover in a good state of repair?	No. Corrective Action(s): >> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner that all exposed metal debris and exposed tires will be removed from the Site before September 30, 2023. >> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner that either: a) all remaining waste will be removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) trees and shrubs will be removed and adequate and appropriate cover material will be applied to the fill area, inspected annually and maintained. >> Submit, to my attention and before November 30, 2023, written confirmation that all waste was either: a) removed from the fill area and transferred to an approved waste disposal site and/or recycling facility; or b) adequate and appropriate cover material was applied to the fill area. >> Ensure that all work is conducted in accordance with the required authorisations issued by applicable regulatory agencies.
NC-2	**Question ID:** HCL 9	There are conformance issues with Ontario's Guideline D-4, Land Use On or Near Landfills

	Are there no compliance issues with adjacent land-uses that may require additional measures be taken by the landfill owner?	and Dumps. Corrective Action(s): Submit to my attention and before June 30, 2023, written confirmation that you have retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before September 30, 2023 a written report that includes, but is not necessarily limited to the following: > The approximate volume of waste deposited at the Site; > The type of waste deposited at the Site; > A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries, location of water wells and location of local surface water features; > An interpretation of local overburden and bedrock groundwater flow direction; and > An assessment of risk, potential impacts and adverse effects to local groundwater, including existing well water supplies.
NC-3	**Question ID:** 949100 Were the inspection questions sufficient to address other identified non-compliance items?	No. Corrective Action(s): >> Submit to my attention and before June 30, 2023, written confirmation that all waste in water will be removed before July 31, 2023 and disposed at an approved waste disposal site or transported to a recycling facility. >> Submit to my attention and before July 31, 2023, written confirmation that all waste in water was removed from the Site. >> Submit to my attention and before June 30, 2023, written confirmation that you have

	retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before November 30, 2023, a report that includes, but is not necessarily limited to the following: > The approximate total volume of waste which was deposited at the Site; > A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries and location of local surface water features; and > An assessment of risk, potential impacts and adverse effects to local surface water.

RECOMMENDATIONS

This should not be construed as a confirmation of full conformance with all potential applicable BMPs. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the signed Provincial Officer.

INSPECTION DETAILS

This section includes all questions that were assessed during the inspection.

Ministry Program: WASTE | **Regulated Activity:** Landfills

Question ID	HCL 1	**Question Type**	Legislative

Legislative Requirement(s):
EPA | 14 | (1);

Question:
Is the surface/landfill cover in a good state of repair?

Compliance Response(s)/Corrective Action(s)/Observation(s):
No.

Corrective Action(s):

>> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner that all exposed metal debris and exposed tires will be removed from the Site before September 30, 2023.

>> Submit, to my attention and before June 30, 2023, written confirmation prepared in consultation with the property owner that either: a) all remaining waste will be removed from the Site and transferred to an approved waste disposal site and/or recycling facility; or b) trees and shrubs will be removed and adequate and appropriate cover material will be applied to the fill area, inspected annually and maintained.

>> Submit, to my attention and before November 30, 2023, written confirmation that all waste was either: a) removed from the fill area and transferred to an approved waste disposal site and/or recycling facility; or b) adequate and appropriate cover material was applied to the fill area.

>> Ensure that all work is conducted in accordance with the required authorisations issued by applicable regulatory agencies.

Observations:

A significant amount of waste, including tires and metal debris, was completely or partially exposed at and near the base of the drop off cliff.

Trees and brush were growing within the fill area.

Question ID	HCL 9	**Question Type**	Legislative

Legislative Requirement(s):
EPA | 14 | (1);

Question:
Are there no compliance issues with adjacent land-uses that may require additional measures be taken by the landfill owner?

Compliance Response(s)/Corrective Action(s)/Observation(s):
There are conformance issues with Ontario's Guideline D-4, Land Use On or Near Landfills and Dumps.

Corrective Action(s):

Submit to my attention and before June 30, 2023, written confirmation that you have retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before September 30, 2023 a written report that includes, but is not necessarily limited to the following:

> The approximate volume of waste deposited at the Site;

> The type of waste deposited at the Site;

> A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries, location of water wells and location of local surface water features;

> An interpretation of local overburden and bedrock groundwater flow direction; and

> An assessment of risk, potential impacts and adverse effects to local groundwater, including existing well water supplies.

Observations:

An adjacent property (188 Red Horse Lake Road), located northeast and within 500 meters of the waste disposal site, is being developed for residential use.

It is the ministry's understanding that an assessment of subsurface conditions has not been conducted as recommended by Guideline D-4, Land Use On or Near Landfills and Dumps.

As a precautionary measure, the Ministry will be collecting samples from the water supply at 188 Red Horse Lake Road for the analysis of typical landfill leachate parameters.

Question ID	949100	**Question Type**	Legislative

Legislative Requirement(s):
Not Applicable

Question:
Were the inspection questions sufficient to address other identified non-compliance items?

Compliance Response(s)/Corrective Action(s)/Observation(s):
No.

Corrective Action(s):

>> Submit to my attention and before June 30, 2023, written confirmation that all waste in water will be removed before July 31, 2023 and disposed at an approved waste disposal site or transported to a recycling facility.

>> Submit to my attention and before July 31, 2023, written confirmation that all waste in water was removed from the Site.

>> Submit to my attention and before June 30, 2023, written confirmation that you have retained a licensed and practicing Professional Engineer or Geoscientist to prepare and submit, to my attention and before November 30, 2023, a report that includes, but is not necessarily limited to the following:

> The approximate total volume of waste which was deposited at the Site;

> A diagram drawn to scale which depicts the location of the fill area, adjacent property boundaries and location of local surface water features; and

> An assessment of risk, potential impacts and adverse effects to local surface water.

Observations:

Waste was observed in water at the base of the drop off cliff.

The ministry was advised that the area at the bottom of the cliff is seasonally wet.

To note: Section 40 of the Environmental Protection Act states that no person can deposit or cause, permit or arrange for the disposal of waste upon, in or through any land or land covered by water.

2023-12-12

Photo 1: View of miscellaneous metal, plastic and rubber refuse along the cliff, facing northwest.

2023-12-12

Photo 2: View of miscellaneous metal, plastic and rubber refuse scattered along the cliff, facing west.

2023-12-12

Photo 3: View of seasonal water feature located at the base of the cliff, facing west.

2023-12-12

Photo 4: View of retaining wall located on top of the cliff, facing north.

2023-12-12

Photo 5: Close up view of test pit #1 stake.

2023-12-12

Photo 6: Close up view of test pit #2 stake.

2023-12-12

Photo 7: Close up view of test pit #3 stake.

2023-12-12

Photo 8: Manually advanced test hole at the top of the cliff.

2023-12-12

Photo 9: View of partially-buried refuse located along the western side of Red Horse Lake Road, looking north.

2023-12-12

Photo 10: Forest clearing located northwest of WDS, leading to the northern end of the seasonal water feature.

2023-12-12

Photo 11: View of metal, plastic and rubber refuse located along the cliff, looking south.

2023-12-12

Photo 12: View of metal refuse located along the cliff, looking south-east.

2023-12-12

Photo 13: View of tires and battery refuse located near northern end of the seasonal water feature.

2023-12-12

Photo 14: View of Red Horse Lake Road, facing south.

2023-12-12

Photo 15: View of Red Horse Lake Road, facing north.

UTM 18 Z 412100 E
6 R 4932275 N
Elev. 5 R 6300

The Ontario Water Resources Commission Act

WATER WELL RECORD

WATER RESOURCES DIVISION
JUN 16 1965
ONTARIO WATER RESOURCES COMMISSION

36 No 2915

Basin 34 County or District Leeds Township, Village, Town or City Lansdowne

Con. 10 Lot 5 Date completed 24 (day) 6 (month) 1965 (year)

[redacted] ress Lyndhurst

Casing and Screen Record

Inside diameter of casing 6 1/4
Total length of casing 5'
Type of screen none
Length of screen "
Depth to top of screen "
Diameter of finished hole 6"

Pumping Test

Static level 15 ft below Top
Test-pumping rate 5 G.P.M.
Pumping level 15 ft below top
Duration of test pumping 1 hr
Water clear or cloudy at end of test Clear
Recommended pumping rate 5 G.P.M.
with pump setting of 56 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Loam	0	5		
Limestone	5	59	56	FRESH

For what purpose(s) is the water to be used? Water used for farm and house

Is well on upland, in valley, or on hillside? On upland

Drilling or Boring Firm C W Jones Lyndhurst

Address

Licence Number 1259

Name of Driller or Borer [illegible]

Address Lyndhurst Ont.

Date April 27th 1965

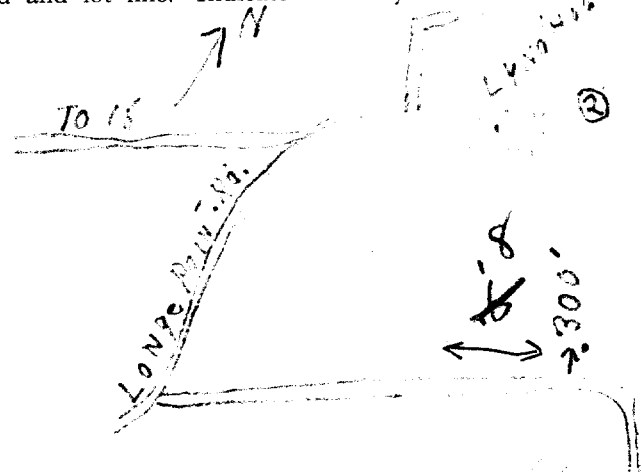
[illegible] Mr Jones
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



C.S.S.B

Ontario (https://www.ontario.ca/page/government-ontario)

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records) .

Go Back to Map

Well ID

Well ID Number: 7446809
Well Audit Number: *Z394776*
Well Tag Number: *A361083*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	REAR OF LEEDS & LANSDOWNE TOWNSHIP (LANSDOWNE)

Lot	006
Concession	CON 09
County/District/Municipality	LEEDS
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 412522.00 Northing: 4932279.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed	

Method of Construction & Well Use

Method of Construction	Well Use	

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To	

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7681

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	**Draw Down Water level**	**Recovery Time(min)**	**Recovery Water level**
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind	

Hole Diameter

Depth From	Depth To	Diameter

Audit Number: Z394776

Date Well Completed: December 21, 2022

Date Well Record Received by MOE: March 22, 2023

Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024
Published: March 20, 2014

Ontario

Ministry of the Environment — Waste Management Branch

Provisional Certificate No. 442101

PROVISIONAL CERTIFICATE OF APPROVAL
FOR A
WASTE DISPOSAL SITE

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to: Township of Rear of Leeds and Lansdowne, Box #70, Seeley's Bay, Ontario.

for the Landfill Site.

Waste Management Branch
RECEIVED
JAN 16 1974
OTTAWA
EASTERN REGION

located Lot 5, Concession 9, Township of Rear of Leeds & Lansdowne.

subject to the following conditions:

1. That as the site is closed necessary action shall be taken to maintain the integrity and continuity of the cover materials.

Executive Director

This Provisional Certificate expires on the 31st day of December, 1974

Dated this 11th day of January, 1974.

DIRECTOR, WASTE MANAGEMENT BRANCH

MOE 14-201

Ministry of the Environment

Ontario

NOTICE

TO: Township of Rear of Leeds and Lansdowne,
Box #70,
Seeley's Bay, Ontario.

You are hereby notified that Provisional Certificate of Approval No. 442101 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

For the conservation of the natural environment.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

Environmental Appeal Board,
365 Bay Street,
Suite 300,
Toronto, Ontario.
M5H 2V3

AND

The Director,
Waste Management Branch,
Ministry of the Environment,
880 Bay Street, 3rd Floor,
Toronto, Ontario.
M5S 1Z8.

DATED at Toronto this 11th day of January, 1974.

Executive Director

Director,
Waste Management Branch,
Ministry of the Environment.

MOE 14213 5/73

Ontario

Ministry of the Environment

Waste Management Branch,
880 Bay Street, 3rd Floor,
Toronto, Ontario,
M5S 1Z8.

SITE RESUME

Date: April 18, 1973.

Applicant: Township of Rear of Leeds & Lansdowne File No. 442101

Location: Lot 5, Conc. 9, Twp. of Rear of Leeds & Lansdowne

Common Name (if applicable) -

Municipalities Served: -

Population Served - Type of Site -

No. of Inspections: - Date of Last Inspection: Aug. 23/72.

Upgrading proceeding under an Approved Program: Yes ____ No ____

Applicant's Attitude: Retarding the Efforts of Branch ____ Adequate x

Current Status of Site:

Location: This site is no longer in operation.
Refuse has been covered to our satisfaction.
A sign has been posted and a fence prohibits access to the site.
The site is under a two-year maintenance period.

Operations:

MOE 14-212

Ontario

Ministry of the Environment

Waste Management Branch,
880 Bay Street, 3rd Floor,
Toronto, Ontario,
M5S 1Z8.

SITE RESUME

Date: April 18, 1973.

Applicant: Township of Rear of Leeds & Lansdowne File No. 442101

Location: Lot 5, Conc. 9, Twp. of Rear of Leeds & Lansdowne

Common Name (if applicable) -

Municipalities Served: -

Population Served - Type of Site -

No. of Inspections: - Date of Last Inspection: Aug. 23/72.

Upgrading proceeding under an Approved Program: Yes ____ No ____

Applicant's Attitude: Retarding the Efforts of Branch ____ Adequate x

Current Status of Site:

Location: This site is no longer in operation.
Refuse has been covered to our satisfaction.
A sign has been posted and a fence prohibits access to the site.

The site is under a two-year maintenance period.

Operations:

Ontario

Ministry of the Environment

Waste Management Branch
RECEIVED
JAN 12 1973
OTTAWA
EASTERN REGION

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442101

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne
Box #70, Seeley's Bay, Ontario.

for the Landfill Site

located Lot 5, Concession 9,
Township of Rear of Leeds and Lansdowne

subject to the following conditions

1. That the site is no longer used for the disposal of wastes.
2. That all necessary action be taken to maintain the integrity and continuity of the cover materials.

This Provisional Certificate expires on the 31st day of December, 19 73

Dated this 9th day of January, 19 73

Director, Waste Management Branch

MOE 14-201

ONTARIO

Ministry of the Environment

For Head Office Use	
O	R
2nd Sheet	

Waste Management Branch
RECEIVED
AUG 31 1972
OTTAWA
EASTERN REGION

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442101

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,

Box 70, Seeleys Bay, Ontario

for the Landfill Site

located Lot 5, Concession 8

Township Rear of Leeds and Lansdowne

subject to the following conditions

1. That the site be permanently closed off prior to the expiry date of this Certificate.

Closing off procedures shall include:-

(a) The implementation of a rodent extermination program, to be maintained as a control program for the duration of this Certificate.

(b) The erection of a fence across all access roads into the waste disposal site.

(c) The placement of signs, at the access road, advising the public that the site is closed and the location of the new waste disposal site.

SUBJECT AS WELL TO THE CONDITIONS SET OUT ON THE ATTACHED SHEET.

This Provisional Certificate expires on the 31st day of December, 19 72

Dated this 18th day of August, 19 72

Director, Waste Management Branch

(Page 1 of 2 Pages)

FORM WM 308-2-72

A: 442101

BRANCH OFFICES:
57 GARDEN ST. — P.O. BOX 711
GANANOQUE — 382-4231

PRESCOTT ST. — P.O. BOX 343
KEMPTVILLE - 258-3316

399 DIBBLE ST. W. — P.O. BOX 307
PRESCOTT — 925-3395

HEAD OFFICE:
70 CHARLES STREET - P. O. BOX 130
BROCKVILLE, ONTARIO
TELEPHONE 345-5685
AREA CODE 613
K6V 5T7

BRANCH OFFICES:
106 BRIDGE ST. — P.O. BOX 1368
CARLETON PLACE — 257-3377

LEGION HALL — P.O. BOX 183
PERTH — 267-4114

69 BECKWITH ST., N. — P.O. BOX 442
SMITHS FALLS — 283-2740

THE LEEDS, GRENVILLE & LANARK DISTRICT HEALTH UNIT

V. Soudek, M.D., D.P.H.
Acting Medical Officer of Health

Brockville, Ont.
July 25th, 19 72.

Waste Management Branch
RECEIVED
JUL 26 1972
OTTAWA
EASTERN REGION

Mr. G. Rivoche,
District Engineer,
Waste Management Branch,
Ministry of the Environment,
2378 Holly Lane, Suite 204,
Ottawa, Ont.

Dear Mr. Rivoche:

I wish to refer a complaint from the Township Council, Rear of Leeds and Lansdowne, regarding the closed dump at Lyndhurst.

Apparently a number of people are using the dump in spite of it being closed.

Trust this information will be of assistance to you.

Yours very truly,

V. Soudek, M.D.

V. Soudek, M.D.
Acting Medical Officer of Health

BHY:hm

Tell Mr. Johnston
The matter has been dealt with. This letter is a reminder of Twp. informing H.U.

GR
26 7 72

Waste Management Branch,
2378 Holly Lane, Suite 204,
Ottawa, Ontario KIV 7P1

Area Code 613
Telephone 731-9944

June 15, 1972.

File Ref. A.442101

Mr. K.S. Johnston,
Clerk-Treasurer,
Township of Rear of Leeds & Lansdowne,
Box 70,
SEELEYS BAY, Ontario.

Re: Closing off dump located on
Lot 5, Concession 9, near Lyndhurst.

Thank you for letting us know that the necessary steps have been taken by Council to close off the above dump.

We appreciate your co-operation in this matter and trust you will advise us again when the final coverage is completed.

Very truly yours,

G.B. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

LRG/hf

K. S. JOHNSTON, TOWNSHIP CLERK

Municipality of Rear of Leeds and Lansdowne

Waste Management Branch
RECEIVED
JUN 12 1972
OTTAWA
EASTERN REGION

SEELEY'S BAY, ONT. June 9 th. 19 72

Mr. G.B. Rivoche, P.Eng.,
Ottawa, Ont.

Dear Sir:- Re; Closing off dump at Lot 5 Con. 9 near Lyndhurst

This to confirm that the sign stating no dumping at this siteas this dump has been closed , is still up. The Council have asked for 3 bids on a price for land filling at this dump by 3 contractors in the vicinity, and will start the filling at once, or as soon as the contractor can. Council feel that the fill should be put in before the dump can be-~~fen~~-fenced but this to has been ordered by the Council.

As soon as this work has been completed I will inform you so that an inspection can be made.

Yours truly;

K.S. Johnston

K. S. Johnston

Clerk-Treasurer.

Lot 5 Conc. 9 site near Lyndhurst

ONTARIO

Department of the Environment

For Head Office Use

O	R
2nd Sheet	

Waste Management Branch
RECEIVED
JUL 4 1972
OTTAWA
EASTERN REGION

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Provisional Certificate No. 442101

Under **The Environmental Protection Act, 1971** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,
Box #70, Seeley's Bay, Ontario.

for the Landfill Site

located Lot 5, Concession 9,
Township Rear of Leeds and Lansdowne.

subject to the following conditions

This Provisional Certificate expires on the 31st day of August, 19 72

Dated this 6th day of June, 19 72

J. D. Keaman

Director, Waste Management Branch

(Page 1 of 1 Pages)

FORM WM 308-2-72

Waste Management Branch,
2378 Holly Lane, Suite 204,
Ottawa, Ontario.

Area Code 613
Telephone 731-9944

June 1, 1972.

File Ref. A.442101

Mr. K.S. Johnston,
Clerk-Treasurer,
Township of Rear of Leeds & Lansdowne,
Box 70,
SHELEYS BAY, Ontario.

Re: Closing off site located on Lot 5, Concession 9,
Township of Rear of Leeds & Lansdowne.

Dear Mr. Johnston:

Our Inspector, Mr. L.R. Gagnon, C.P.H.I.(C), visited the above site on May 29, 1972 and discovered that contrary to your statement of May 23, 1972, the above site was not closed.

The public apparently threw down the ravine, the sign stating "dumping is not allowed" and continues to use the site.

If you refer to the form letter dated April 4, 1972, you will notice that to close down a site certain specific measures must be implemented.

The most important, of course, is to inform the public that the site has been closed and to erect a fence preventing the public from throwing garbage from the road into the ravine. The second step is to bring sufficient fill to cover all exposed garbage.

Please be kind enough to discuss the above with Council at the next meeting and to let us know their decision in writing as soon as convenient.

Very truly yours,

GR

G.B. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

GBR/hf
Att. Report

c.c. - Head Office

DEPARTMENT OF THE ENVIRONMENT

Waste Management Branch

WASTE DISPOSAL INSPECTION - SITE RECORD

File A. 442101 Date May 29, 1972.

1. SITE (~~proposed~~/existing) on LOT 5, CONC. 9, TWP. Rear of Leeds & Lansdowne
2. SERVING Township POPULATION 2100
3. DESCRIPTION (ravine, swamp, farm field, sand pit, etc.) Ravine
4. TERRAIN (flat, less 10% slope, more 10% slope, compound slope) More 10% AREA 1 acre
5. SURFACE DRAINAGE (good, average, poor) Good
6. SOIL (boulders, gravel, sand, silt or clay) Sand
7. WATER TABLE (depth, flooding?) Unknown (water seen at bottom of ravine)
8. DISTANCE - WATERCOURSE 3/4 mile; PUBLIC ROAD 10'; DWELLING 500'
9. SITE SUMMARY (satisfactory, unsatisfactory) Unsatisfactory

OPERATION RECORD

10. OWNED BY Leased by Township; OPERATED BY Township
11. CONTROL - ACCESS ROAD? Yes; SCREENING? No; SIGN? No
FENCE? No; GATE? No; UNLOADING AREA? No
FIREBREAK? No; BLOWING LITTER? Yes;
RESTRICTED PUBLIC ACCESS No;
SUPERVISION WHEN SITE OPEN No; OPEN DAYS? Always;
OPEN BURNING? No; WASTES SEGREGATED? No;
RATS? Suspected; ERADICATION PROGRAM? No;
12. COVERAGE - METHOD (trench, area, etc.) None
FREQUENCY -; BY -; EQUIPMENT -
13. OPERATION SUMMARY (satisfactory, unsatisfactory) Unsatisfactory

COMMENTS AND RECOMMENDATIONS

Site visited, accompanied by Mr. Tye.
Site still in operation. "Closed-off" sign removed by nearby residents.
Interview with Mr. Sly, Deputy Reeve. It was mentioned to Mr. Sly that closing off procedures should start immediately in order to have the site closed off by the expiry date of the Provisional Certificate - August 31/72.
Mr. Sly stated that this will be brought to Council's attention at their next meeting and a letter outlining the procedures they intend to implement in closing off the site will be mailed to this office.

Recommendations:

That the site close-off procedures stipulated in letter (Rivoche-Johnston) dated May 18, 1972 be implemented immediately.

also letter Rivoche-Johnston dated June 1, 1972

George B. Rivoche P.Eng
Regional Engineer

Submitted by: Louis R. Gagnon C.P.H.I.(C)

Title: Inspector

K. S. JOHNSTON, TOWNSHIP CLERK

Municipality of Rear of Leeds and Lansdowne

Waste Management Branch
RECEIVED
MAY 25
OTTAWA
EASTERN REGION

SEELEY'S BAY, ONT. May 23 rd. 1972

Mr. G.B. Rivoche, P.Eng.,
Department of the Environment
Waste Management Branch
Ottawa, Ont.

Dear Sir:- Re; the Dumps at Seeleys Bay & Lyndhurst.

Thank you for extending the time for site No. 442I02 but No. 442I0I, was closed down last Dec. I97I and signs put up notifying people to that effect. The Council are now having the Dump at Seeleys Bay treated for rats, and after June 5 th. expect to have the site at Lyndhurst traeted for rats.
Council also intend to have the site at Lyndhurst covered over as soon as possible.

Yours truly;

K.S. Johnston

K. S. Johnston

Clerk-Treasurer.

Louis Gagnon

when this is done
please check & report.
GR

Waste Management Branch

Area Code 613
731-9944

2378 Holly Lane, Suite 204,
Ottawa, Ontario K1V 7P1

May 18, 1972.

Mr. K.S. Johnston,
Clerk-Treasurer,
Municipality of Rear of Leeds and Lansdowne,
Box 70,
SHELEY'S BAY, Ontario.

Re: Waste Disposal Sites
Lot 5, Concession 9, PC 442101
Lot 4, Concession 7, PC 442102

Dear Mr. Johnston:

(1) This is further to your letter of May 8, 1972 requesting a one year extension for site 442102.

(2) We extended both certificates 442101 and 442102 until August 31, 1972 to give you enough time.

(3) We will further extend certificate 442102 as requested till May 15, 1973 if prior to August 31, 1972 you complete the closing off procedure for site 442101, i.e. have the rats exterminated and all exposed garbage covered with at least two feet of acceptable fill material.

Your co-operation is appreciated.

Very truly yours,

G.B. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

GBR/hf

c.c. - Head Office

K. S JOHNSTON, TOWNSHIP CLERK

Municipality of Rear of Leeds and Lansdowne

Waste Management Branch
RECEIVED
MAY 18 1972
OTTAWA
EASTERN REGION

SEELEY'S BAY, ONT. May 8 th. 1972

Department of the Environment
Waste Management Branch
Ottawa, Ont.

Dear Sirs:- Re; File A. 442I02; Seeleys Bay Dump. Lot4,Con.7

The Council of the Township of the rear of Leeds & Lansdowne would like an extension of I year on this Dump The Council have been trying to get a suitable piece of ground for this project but so far have not been successful the present dump is being manned three days a week and is being treated every Month for the extermination of rats,
Trusting you may see fit to grant this extension and I can assure you that the Council will still continue to look for a suitable site.

Yours truly;

K.S. Johnston
K. S. Johnston
Clerk-Treasurer.

Waste Management Branch

2378 Holly Lane, Suite 204,
Ottawa, Ontario K1V 7P1

April 4, 1972.

Area Code 613
731-9944

File Ref.: A.442101
A.442102
A.442103

Mr. K.S. Johnston,
Clerk-Treasurer,
Township of Rear of Leeds & Lansdowne,
Box 70,
SEELEY'S BAY, Ontario.

Re: Waste Disposal.
Upgrading new site,
Closing off the two old sites.

To comment further on the attached inspection records and summarize the situation in your Township:

1) New site opened in January 1972 on Lot 18, Concession 11

You made a good start and now all you have to do is improve the access road and coverage as soon as weather permits. If you need further technical assistance do contact this office. We will inspect the site again in June and hope by then to find a true landfill operation going.

2) The old sites located on Lot 4, Concession 7 and Lot 5, Concession 9 should be closed down. The correct procedures are spelled out inthe attached form letter on pages 3 and 4. Do note:

a) that we are not asking you to replace the old site by another new site. You already have one and if you wish to concentrate all your resources on that one site you are quite welcome. We actually think it will be a wise decision since several sites operated in accordance with the new Act and Regulation will be quite costly to run.

...2

b) the provisional certificates for the above sites expire on May 15, 1972. We understand that you will probably need more time to do a good job and will be happy to extend your certificates provided you let us know in writing the amount of time needed to implement our recommendations.

Very truly yours,

GR

G.B. Rivoche, P.Eng.,
Regional Engineer,
Eastern Region.

GBR/hf
Att.

c.c. - Head Office

ONTARIO

Department of Energy and Resources Management

OCT 20 1971

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Certificate No. 44101

Under **The Waste Management Act, 1970** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne,
Box 70,
Seeleys Bay,
Ontario

for the Landfill Site

located Lot 5, Concession 9

subject to the following conditions

1. New site to be located and approved and existing site closed and covered by expiry date.
2. Burning to be conducted only with the approval and under the supervision of the Air Management Branch.

March 15

Slep told Jayson that OK was given off site of today

This Provisional Certificate expires on the 15th day of May 19 72

R

Dated this 15th day of October 19 71

Di or, Waste Management Branch

W.M.B. Form 2.03

ONTARIO

Department of Energy and Resources Management

DEPT. OF ENERGY AND RESOURCES MANAGEMENT
FEB 26 1971
WASTE MANAGEMENT BRANCH
KINGSTON OFFICE

PROVISIONAL CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Certificate No. 442101

Under **The Waste Management Act, 1970** and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to

Township Rear of Leeds and Lansdowne
Box 70
Seeley's Bay, Ontario.

for the landfill Site

located Lot 5, Concession 9.

subject to the following conditions

1. New site to be located and approved and existing site closed and covered by expiry date.
2. Burning to be conducted only with the approval and under the supervision of the Air Management Branch.

This Provisional Certificate expires on the 15th day of October 1971.

Dated this 11th day of February 1971.

Director, Waste Management Branch

W.M.B. Form 2.03

ONTARIO

Department of Energy and Resources Management
Waste Management Branch

DEPT. OF ENERGY AND RESOURCES MANAGEMENT ONTARIO
DEC 18 1970
WASTE MANAGEMENT BRANCH KINGSTON OFFICE

APPLICATION FOR A CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

TO: THE DEPARTMENT OF ENERGY AND RESOURCES MANAGEMENT
880 Bay Street,
Toronto, Ontario

To be submitted through Regional Waste Management Engineer

(1) Under the Waste Management Act, 1970 and the regulations, this application is made by Twp. of Rear of Leeds & Lansdowne *Owner of Facility*

Seeley's Bay *Address*

(2) for the ~~Renewal~~ / Issue of a Certificate of Approval for a *Delete item inapplicable*

~~open dump~~ LANDFILL Site *Type of Disposal*

(3) located Con 9 lots; *Full particulars of Location*

on Latimer Bridge Road - Lyndhurst

(4) A Certificate / Provisional Certificate of Approval No. ..... for this *Delete item inapplicable*

site was issued ..... 19.....

(5) No change in use, operation, or ownership of the site has occurred since the date of the original application.

Dated this ..... day of ..... 19.....

.....
Signature of Applicant

(6) The following changes in use, operation or ownership (have occurred since the date of the original application) (are proposed) *Delete item inapplicable*

If necessary, provide additional details on separate sheets and attach to application.

.....

.....
Continued on Attached Sheets ☐

(7) The site will be operated in accordance with The Waste Management Act, 1970 and the regulations by Twp. Rear Leeds & Lansdowne *Name of Operator*

Seeley's Bay *Address*

The required supporting information to the application is appended hereto.

(8) Notice of this application has been published in the .....

..... on ....., ... and

..... 19..... and a copy of the notice is attached.

(9) A certificate that the site does not contravene any of the by-laws of the municipality is attached. *To be completed if applicant is other than a municipality*

See notes on sections 1 to 9 on back of last copy (pink) which is to be retained by Applicant.

Dated this 14th day of Dec 1970

B. S. Johnston
Signature of Applicant

No Carbon Paper Required

W.M.B. Form 2.02

Department of Energy and Resources Management
Waste Management Branch

SUPPORTING INFORMATION TO AN APPLICATION FOR APPROVAL OF A LANDFILL DISPOSAL SITE

DEC 18 1970
WASTE MANAGEMENT BRANCH
MISSION OFFICE

For Head Office Use

1. Wastes to be Disposed of Comprise

Domestic	95 %
Commercial	5 %
Industrial Waste	%
Hauled Liquid Industrial Waste	%
Agricultural Waste	%
Hazardous Waste	%
Hauled Sewage	%
*Other	%
	100%

*Describe

Total 200 ~~Tons~~ lbs./Day

Population Served 2100

2. Origin and Composition of Principal Components of Waste (other than domestic and commercial)

Several old tires, brush, scrap metal

3. Distance to Nearest Watercourse 5500 Ft.
Distance to Source of Potable Water 500 Ft.
Distance to Dwelling 500 Ft.
Distance to Public Road 5-10 Ft.
Distance to Cemetery Ft.

Total Area of Site 1 Acres
Anticipated Life Years

General Description of Site
Located on high hill. Cement wall erected at edge of hill for dumping over. Trees located at bottom of hill in a ravine.

4. Maximum Depth of Excavation Below Surface Ft.
Maximum Height of Fill Above Surface Ft.
Type(s) of Material Encountered From Surface

Ft.

Ft.

Ft.

Depth of Watertable Below Surface Ft.
on (Date).

5. Proposed Future Land Use

Leased from a farmer.

6. Operating Equipment

Nil

Hours of Operation all of the time.

7. The Following Documents are Attached

Prepared by

DATED

SIGNED W. J. Johnston

No. 2.07

FOR DEPARTMENTAL USE

8. Authorities Consulted:

Health Unit	☐ Objection	☑ No Objection
O.W.R.C.	☐ Objection	☐ No Objection
A.M.B.	☐ Objection	☐ No Objection
Municipality	☐ Objection	☐ No Objection
Conservation Authority	☐ Objection	☐ No Objection

Other

Inspection Record Forms Attached

Regional Engineer's Report Attached ☐

RECOMMENDATION

NC from 2-11

DATED 2 2 71

SIGNED George B. Purcell

No Carbon Paper Required

Legend

estimated extent of WDS

1925 Aerial (National Air Photo Library)

0 50 100 m

Legend

estimated extent of WDS

1959 Aerial (National Air Photo Library)

0 50 100 m

Legend

estimated extent of WDS

1964 Aerial (National Air Photo Library)

0 50 100 m

Legend

estimated extent of WDS

1976 Aerial (National Air Photo Library)

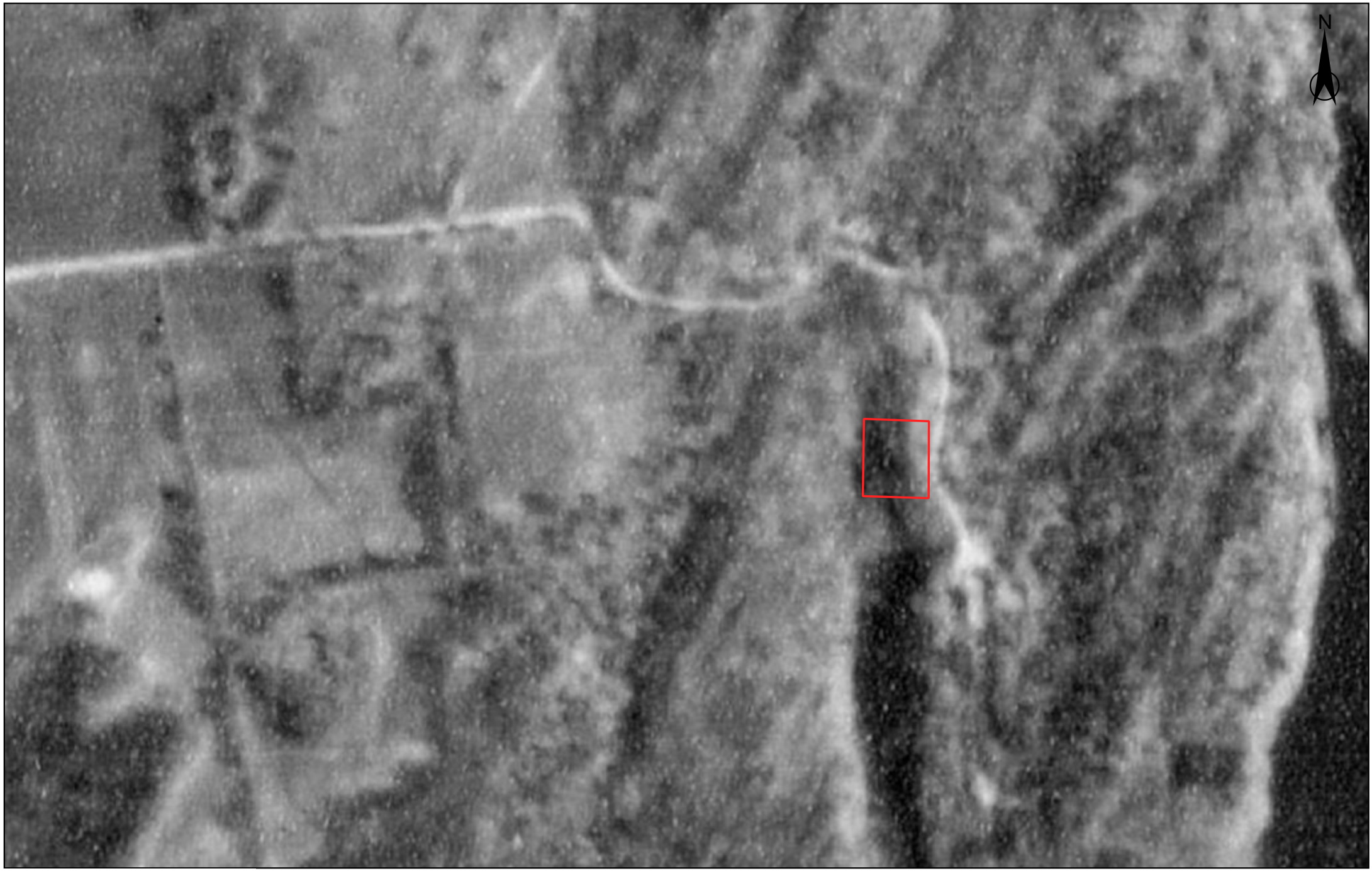
0 50 100 m

Legend

estimated extent of WDS

1987 Aerial (National Air Photo Library)

0 50 100 m



Legend

estimated extent of WDS

1995 Aerial (National Air Photo Library)

0 50 100 m

Legend

estimated extent of WDS

2005 Aerial (Google Earth)

0 50 100 m

Legend

estimated extent of WDS

2019 Aerial (National Air Photo Library)

0 50 100 m

2023-08

Photo 1.

2023-08

Photo 2.

Note: Photos provided by the Township of Leeds and the Thousand Islands

2023-08-15

Photo 3.

2023-08

Photo 4.

Note: Photos provided by the Township of Leeds and the Thousand Islands

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street, 2nd Floor
Kingston, ON K7K 7A8
Canada

tel: 613/548-3446
fax: 613/548-7975
email: malroz@malroz.com

via: email

October 8, 2024
File: 1037.00-146

Ms. Nathalie Matthews
Environmental Compliance Officer
Ministry of the Environment, Conservation and Parks
Unit 3, 1259 Gardiners Road,
Kingston, ON K7P 3J6

Subject: Feasibility Study, Lansdowne Waste Disposal Site,
Township of Leeds and the Thousand Islands, Ontario

Dear Ms. Matthews:

As many other small municipalities across Ontario, the Township of Leeds and Thousand Islands (the Township) is looking to extend the life of their landfills. To evaluate if removing waste, diverting material to the circular economy, and repacking the remaining waste would be economically feasible, exploratory test pits and waste analysis will be performed as part of a Feasibility Study supported by the Federation of Community Municipalities Green Municipal Fund.

1.0 Background

The Lansdowne Landfill is an active landfill site (Amended ECA A442003) with a historical portion dating to the 1970s, as seen in Figure 1 (enclosed). The types of waste that may be encountered include materials generally typical of a landfill in operating since the 1970's including but not limited to household waste, plastics, construction and demolition waste, metal waste, aggregate waste, vehicles, and appliances; however, the exact nature of the waste is unknown. The Feasibility Study will investigate the historically filled waste area to assess the landfill makeup which will provide data to evaluate whether further excavation and diversion may recover landfill capacity, promote environmental stewardship, support the circular economy, and be financially beneficial.

2.0 Waste Removal and Restoration of Test Pits

This investigation will include excavation of ten test pits in the older, southern portion of the landfill to a maximum depth of eight meters below ground (mbg). Waste removed from the test pits will be sorted into typical streams of recyclables and waste. The waste from each category will be quantified, diverting recyclables off site, and returning unrecyclable waste back to the landfill.

As part of project initiation, we have planned a site meeting with the Township team, and MECP to review the program objectives, plan. and schedule.

Before excavation, the topsoil and clay shall be stripped and stockpiled for reuse during site restoration. Test pits in the top portion of the historical landfill will be advanced to 8 mbg or practical refusal. Test pits within the sloped sides of the historical landfill will be advanced to a depth of approximately 4 mbg or practical refusal.

Once each test pit excavation is complete, the disturbed portion of the landfill will be restored (potentially using incoming waste to backfill), as well as using the stockpiled topsoil and clay. At least 600 mm of clay and 150 mm of topsoil will be returned to the disturbed areas. Grass seed shall then be applied to restore the area to pre-excavation conditions. It is anticipated that this work will take approximately two weeks to complete.

3.0 Waste Sorting and Diversion

The excavated materials will be sorted into recyclable, reusable, and non-recyclable materials. Anticipated categories include construction and demolition waste, metal waste, rock, vehicles, appliances, and recyclable material. This activity will be performed in the current waste transfer area (see Figure 1, enclosed).

4.0 Site Monitoring During Test-Pitting

During the work by the contractor where test pitting is occurring or an excavation to the landfill is open, a representative of the Township's landfill consultant will be onsite to monitor for vapour, odours, erosion, and water management. Should concern be identified during test pitting, the work will be halted and backfilled.

Following the work, a summary of the feasibility study will be prepared and provided for MECP review.

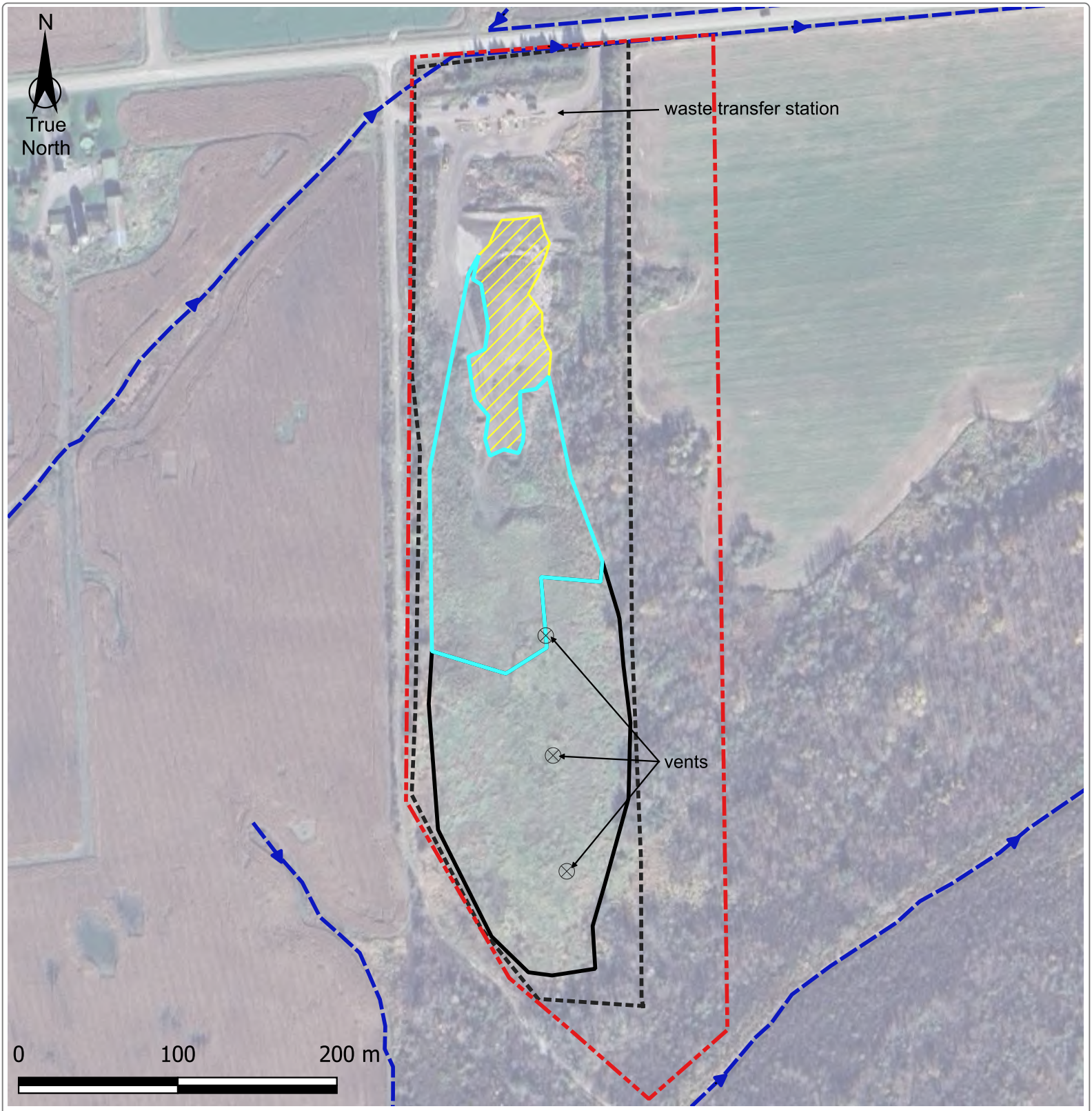
Best Regards,

Malroz Engineering Inc.

Per: Ryan Fox, P.Eng.
Environmental Engineer

and: John Pyke, P.Geo.
Project Manager

encl. Figure 1 – Site Plan



Legend

- approximate property boundary
- approximate fence line
- approximate working face
- approximate area of waste with new interim cap
- approximate area of waste with old interim cap
- stream

Rev	Date	Description	By	Chkd
R0	2024-09-18	issued in final	RG	RF

Site Plan

RFT-OPS-2024-016 Material Excavation and Sorting Services for the Lansdowne Landfill Mining Feasibility Study
Township of Leeds and the Thousand Islands

File: 1037-146.00

Figure 1

MALROZ

Data Sources: Figure based on Malroz field observations, Google Earth imagery and MNRF (2014). Digital Raster Acquisition Project Eastern Ontario.

OPS-2024-016 – LANSDOWNE LANDFILL MINING FEASIBILITY STUDY

SUMMARY REPORT

Prepared for:
The Corporation of the Township of Leeds & the Thousand Islands
1233 Prince Street,
Lansdowne ON
K0E 1L0

Prepared by:
Henderson Construction
205 Peter Street, Unit: Boiler Room
Port Hope, Ontario, Canada
L1A 3V6

Prepared by:			
Project Manager	Darren Mueller		2024/12/18
TITLE	NAME	SIGNATURE	DATE
Reviewed by:			
President	Stephen Henderson	Stephen Henderson	2024/12/18
TITLE	NAME	SIGNATURE	DATE
Approved by:			
Project Manager	Darren Mueller		2024/12/18
TITLE	NAME	SIGNATURE	DATE

REVISION HISTORY

Rev. No.	Date	Details of Rev.	Prepared By	Reviewed By	Approved By
R0D0	2024/12/18	New Document	DM	SH	DM

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1. Project Scope Summary

Henderson Construction has been contracted to excavate ten test pits and evaluate & quantify the observed waste material within each test pit to determine potential space savings to extent the Landfills lifespan.

2. Project Approach (From Bid Document)

Once a contract is awarded, our team will start the mobilization process including equipment to site, we will establish and implement the sediment and erosion control as per the plan. Confirm with oversight staff and can begin excavation. We are planning on using a Deere 350 excavators to reach to the bottom of the 8m maximum test pit. If required, we can slope the excavation for stability if required. If extra depth is required, we can bench the excavator down to reach the bottom to find the native material if required. We have a sorting experience where we dig and use skeleton buckets and thumbs on the excavators to separate the different types of material with laborers hand-picking the smaller items.

3. Henderson Construction Project Staff

Darren Mueller- Senior Project Manager with over 15 years of experience in the environmental consulting, contracting and remediation Industry. Darren has specialized in medium to large scale complex soil and ground water remediation and site decommissioning projects all over North American including soils excavation, removal and disposal of non hazardous and hazardous material; in-situ and ex-situ contaminant management; storage tank removals and installations; site decommissioning, Phase I and II Environmental Site Assessments, test pitting, Test hole drilling and soil and groundwater sampling programs; Landfill monitoring; hazardous and liquid waste handling and disposal; materials screening and building abatement and demolition.

Shawn warren- Site Surveyor with 10 years experience in Landfill construction, excavation and handling low level radioactive waste.

4. List of Subcontractors

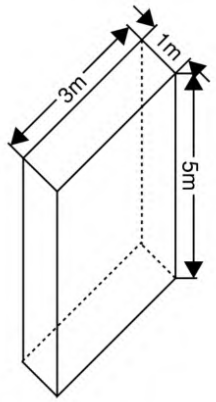
Table 1: List of Subcontractors

Name	Address	Contact Information
Robert Nash Excavating Inc.	33 Railway St, Lansdowne, ON K0E 1L0	Ph:613-659-5141
Robinson Excavating & Trucking	12775 Road 38 Sharbot Lake, ON K0H 2P0	Ph: 613-561-8798

5. Test Pit Locations

6. Test Pit Observations & Evaluation of Waste

Test Pit #1 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 70% by volume with the remaining being 10% household waste, 10% wood, 5% old tires, 3% metals and 2% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 50%; Old crushed plastic bottles (PET) at 40%; Aluminum cans at 5%; Glass items at 5%.

No concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

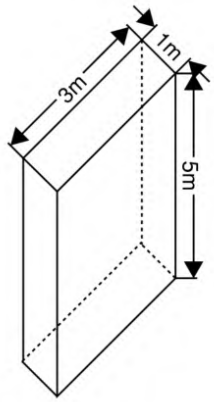
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #1 (5m at 15 Cu. M or 19.62 Cu yds) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. yds)	Estimated Tonnage (t)
Aggregate/Soil	**70%**	13.7335	N/A	N/A	N/A
Wood Materials	**10%**	1.9619	N/A	N/A	N/A
Tires	**5%**	0.9810	N/A	N/A	N/A
Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**3%**	0.5886	225	132.43	0.0601
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**10%**	1.9619	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	0.3924	279	30.25	0.0137
- PET/HDPE mix	*50%*	*0.1962*	*24*	*4.71*	*0.0021*
- PET (mixed)	*40%*	*0.1570*	*30*	*4.71*	*0.0021*
- Aluminum Cans	*5%*	*0.0196*	*62*	*1.22*	*0.0006*
- Glass	*5%*	*0.0196*	*1000*	*19.62*	*0.0089*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Test Pit #2 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 80% by volume with the remaining being 17% household waste, 1% wood, <1% concrete and <1% metals

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

No Blue box items, tires or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

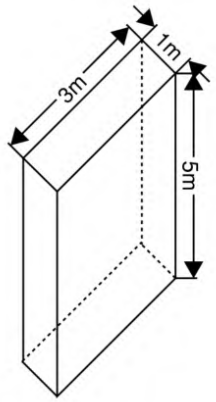
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #2 (5m at 15 Cu. M or 19.62 Cu yds.) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. yds)	Estimated Tonnage (t)
Aggregate/Soil	**80%**	15.6954	N/A	N/A	N/A
Wood Materials	**1%**	0.1962	N/A	N/A	N/A
Tires	**0%**	0.0000	N/A	N/A	N/A
***Recyclable Concrete	**1%**	0.1962	860	168.72598	0.076601595
Metal Waste	**1%**	0.1962	225	44.14	0.0200
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**17%**	3.3353	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**0%**	0.0000	279	0.00	0.0000
- PET/HDPE mix	*0%*	*0.0000*	*24*	*0.00*	*0.0000*
- PET (mixed)	*0%*	*0.0000*	*30*	*0.00*	*0.0000*
- Aluminum Cans	*0%*	*0.0000*	*62*	*0.00*	*0.0000*
- Glass	*0%*	*0.0000*	*1000*	*0.00*	*0.0000*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
**** Value is estimated at 1% although actual volume was less than 1%.*
N/A - Not Applicable

Test Pit #3 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 87% by volume with the remaining being 8% household waste, 2% wood, <1% concrete and 3% metals.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

No Blue box items, tires or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

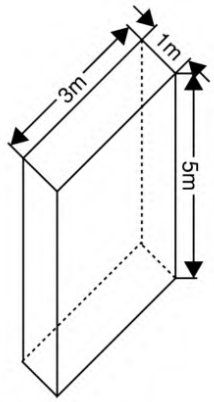
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #3 (5m at 15 Cu. M or 19.62 Cu yds) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**87%**	17.0688	N/A	N/A	N/A
Wood Materials	**2%**	0.3924	N/A	N/A	N/A
Tires	**0%**	0.0000	N/A	N/A	N/A
***Recyclable Concrete	**1%**	0.1962	860	168.72598	0.076601595
Metal Waste	**2%**	0.3924	225	88.29	0.0401
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**8%**	1.5695	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**0%**	0.0000	279	0.00	0.0000
- PET/HDPE mix	*0%*	*0.0000*	*24*	*0.00*	*0.0000*
- PET (mixed)	*0%*	*0.0000*	*30*	*0.00*	*0.0000*
- Aluminum Cans	*0%*	*0.0000*	*62*	*0.00*	*0.0000*
- Glass	*0%*	*0.0000*	*1000*	*0.00*	*0.0000*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
**** Value is estimated at 1% although actual volume was less than 1%.*
N/A - Not Applicable

Test Pit #4 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 75% by volume with the remaining being 15% household waste, 5% wood and 5% tires.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

No Blue box items, concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

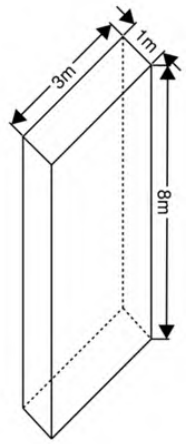
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #4 (5m at 15 Cu. M or 19.62 Cu Yds) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**75%**	14.7145	N/A	N/A	N/A
Wood Materials	**5%**	0.9810	N/A	N/A	N/A
Tires	**5%**	0.9810	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**0%**	0.0000	225	0.00	0.0000
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**15%**	2.9429	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**0%**	0.0000	279	0.00	0.0000
- PET/HDPE mix	*0%*	*0.0000*	*24*	*0.00*	*0.0000*
- PET (mixed)	*0%*	*0.0000*	*30*	*0.00*	*0.0000*
- Aluminum Cans	*0%*	*0.0000*	*62*	*0.00*	*0.0000*
- Glass	*0%*	*0.0000*	*1000*	*0.00*	*0.0000*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Test Pit #5 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 8m
Approximate Volume: 24 Cubic Meters/31.39 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 50% by volume with the remaining being 41% household waste, 5% wood, 1% metals and 3% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 50%; Old crushed plastic bottles (PET) at 30%; Aluminum cans at 10%; Glass items at 10%.

No tires, concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

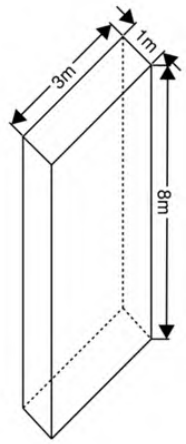
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #5 (8m at 24 Cu. M or 31.39 Cu Yds) **31.3900**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**50%**	15.6950	N/A	N/A	N/A
Wood Materials	**5%**	1.5695	N/A	N/A	N/A
Tires	**0%**	0.0000	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**1%**	0.3139	225	70.63	0.0321
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**41%**	12.8699	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**3%**	0.9417	279	119.78	0.0544
- PET/HDPE mix	*50%*	*0.4709*	*24*	*11.30*	*0.0051*
- PET (mixed)	*30%*	*0.2825*	*30*	*8.48*	*0.0038*
- Aluminum Cans	*10%*	*0.0942*	*62*	*5.84*	*0.0027*
- Glass	*10%*	*0.0942*	*1000*	*94.17*	*0.0428*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Test Pit #6 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 8m
Approximate Volume: 24 Cubic Meters/31.39 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 50% by volume with the remaining being 35% household waste, 3% wood, 5% Tires, 5% metals and 2% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 60%; Old crushed plastic bottles (PET) at 20%; Aluminum cans at 15%; Glass items at 5%.

No concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

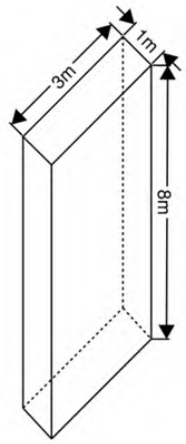
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #6 (8m at 24 Cu. M or 31.39 Cu Yds) **31.3900**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**50%**	15.6950	N/A	N/A	N/A
Wood Materials	**3%**	0.9417	N/A	N/A	N/A
Tires	**5%**	1.5695	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**5%**	1.5695	225	353.14	0.1603
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**35%**	10.9865	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	0.6278	279	50.04	0.0227
- PET/HDPE mix	*60%*	*0.3767*	*24*	*9.04*	*0.0041*
- PET (mixed)	*20%*	*0.1256*	*30*	*3.77*	*0.0017*
- Aluminum Cans	*15%*	*0.0942*	*62*	*5.84*	*0.0027*
- Glass	*5%*	*0.0314*	*1000*	*31.39*	*0.0143*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Test Pit #7 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 8m
Approximate Volume: 24 Cubic Meters/31.39 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 50% by volume with the remaining being 38% household waste, 3% wood, 5% Tires, 2% metals and 2% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 50%; Old crushed plastic bottles (PET) at 25%; Aluminum cans at 20%; Glass items at 5%.

No concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

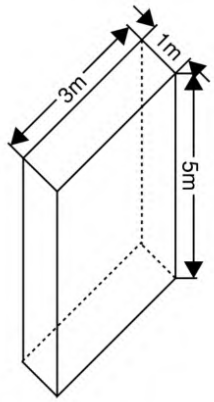
Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #7 (8m at 24 Cu. M or 31.39 Cu Yds) **31.3900**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**50%**	15.6950	N/A	N/A	N/A
Wood Materials	**3%**	0.9417	N/A	N/A	N/A
Tires	**5%**	1.5695	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**2%**	0.6278	225	141.26	0.0641
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**38%**	11.9282	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	0.6278	279	51.42	0.0233
- PET/HDPE mix	*50%*	*0.3139*	*24*	*7.53*	*0.0034*
- PET (mixed)	*25%*	*0.1570*	*30*	*4.71*	*0.0021*
- Aluminum Cans	*20%*	*0.1256*	*62*	*7.78*	*0.0035*
- Glass	*5%*	*0.0314*	*1000*	*31.39*	*0.0143*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Test Pit #8 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 85% by volume with the remaining being 8% household waste, 5% wood and 2% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 55%; Old crushed plastic bottles (PET) at 30%; Aluminum cans at 5%; Glass items at 10%.

No tires, metal, concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

Observed Waste Evaluation & Estimated Weight by Volume

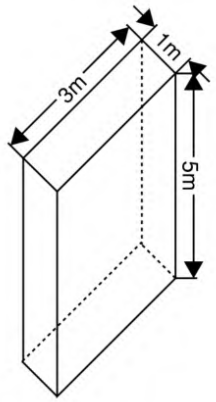
Test Pit #8 (5m at 15 Cu. M or 19.62 Cu Yds) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**85%**	16.6764	N/A	N/A	N/A
Wood Materials	**5%**	0.9810	N/A	N/A	N/A
Tires	**0%**	0.0000	N/A	N/A	N/A
Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**0%**	0.0000	225	0.00	0.0000
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**8%**	1.5695	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	0.3924	279	49.17	0.0223
- PET/HDPE mix	*55%*	*0.2158*	*24*	*5.18*	*0.0024*
- PET (mixed)	*30%*	*0.1177*	*30*	*3.53*	*0.0016*
- Aluminum Cans	*5%*	*0.0196*	*62*	*1.22*	*0.0006*
- Glass	*10%*	*0.0392*	*1000*	*39.24*	*0.0178*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*

N/A - Not Applicable

Test Pit #9 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 5m
Approximate Volume: 15 Cubic Meters/19.62 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 85% by volume with the remaining being 8% household waste, 5% wood and 2% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 40%; Old crushed plastic bottles (PET) at 50%; Aluminum cans at 5%; Glass items at 5%.

No tires, metal, concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

Observed Waste Evaluation & Estimated Weight by Volume

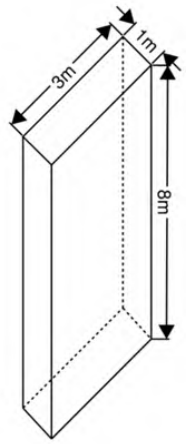
Test Pit #9 (5m at 15 Cu. M or 19.62 Cu Yds) **19.6193**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**85%**	16.6764	N/A	N/A	N/A
Wood Materials	**5%**	0.9810	N/A	N/A	N/A
Tires	**0%**	0.0000	N/A	N/A	N/A
Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**0%**	0.0000	225	0.00	0.0000
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**8%**	1.5695	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	0.3924	279	30.49	0.0138
- PET/HDPE mix	*40%*	*0.1570*	*24*	*3.77*	*0.0017*
- PET (mixed)	*50%*	*0.1962*	*30*	*5.89*	*0.0027*
- Aluminum Cans	*5%*	*0.0196*	*62*	*1.22*	*0.0006*
- Glass	*5%*	*0.0196*	*1000*	*19.62*	*0.0089*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*

N/A - Not Applicable

Test Pit #10 (See Test Pit Log in Appendix "A" Daily Reports)



Depth: 8m
Approximate Volume: 24 Cubic Meters/31.39 Cubic Yards

Based on field observations from Henderson Construction and Malroz Consulting field staff, the test pit consisted mainly of soil at approximately 50% by volume with the remaining being 35% household waste, 10% wood and 5% blue box items.

Household waste consisted of various colours of garbage bags, textiles, carpet waste, farm waste and miscellaneous household items

Wood waste consisted of construction and demolition debris and old furniture.

Blue box items were mainly small plastic less than 10cm is size (PET/HDPE) at 40%; Old crushed plastic bottles (PET) at 30%; Aluminum cans at 25%; Glass items at 5%.

No concrete or white goods were encountered.

Total observed volume estimated at .39 cubic yards (based on Table 2: Typical Weights of Recycled Material)

Observed Waste Evaluation & Estimated Weight by Volume

Test Pit #10 (8m at 24 Cu. M or 31.39 Cu Yds) **31.3900**

Material Type	% of Total	Estimated Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Estimated Unit Weight (lbs/Cu. Yds)	Estimated Tonnage (t)
Aggregate/Soil	**50%**	15.6950	N/A	N/A	N/A
Wood Materials	**3%**	0.9417	N/A	N/A	N/A
Tires	**5%**	1.5695	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.0000	860	0	0
Metal Waste	**2%**	0.6278	225	141.26	0.0641
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**38%**	11.9282	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**5%**	1.5695	279	131.99	0.0599
- PET/HDPE mix	*40%*	*0.6278*	*24*	*15.07*	*0.0068*
- PET (mixed)	*30%*	*0.4709*	*30*	*14.13*	*0.0064*
- Aluminum Cans	*25%*	*0.3924*	*62*	*24.33*	*0.0110*
- Glass	*5%*	*0.0785*	*1000*	*78.48*	*0.0356*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
N/A - Not Applicable

Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS

VOLUME-TO-WEIGHT CONVERSION FACTORS

Materials:	Volume *	Weight in Pounds *
PAPER:		
Mixed Paper Grades/Junk Mail, loose	One cubic yard	875
Corrugated Cardboard (OCC), baled	One cubic yard	1,100
Corrugated Cardboard (OCC), baled	30" x 60" x 48"	900
Corrugated Cardboard (OCC) , compacted	One cubic yard	500
Corrugated Cardboard (OCC), flattened, loose	40 cubic yard roll-off	2000
Newsprint (ONP), loose	One cubic yard	600
Newsprint (ONP), compacted	One cubic yard	860
Newsprint (ONP)	12" stack	35
Office paper	40" x 48" x 40"	650)
Office paper	One cubic yard	400
Phone Books	12" stack	25
CONTAINERS:		
Mixed PET, dairy, whole loose	One cubic yard	30 (Average)
Mixed PET, dairy & other rigid, whole, loose	One cubic yard	40 (Average)
PET (soda bottles), whole, loose	One cubic yard	35
PET (soda bottles), whole, loose	Gaylord	45
PET (soda bottles), whole, baled	30" x 48" x 60"	600
HDPE (dairy only), baled	30" x 48" x 60"	650
HDPE (mixed), baled	30" x 48" x 60"	750
HDPE (whole) uncompacted	One cubic yard	24
HDPE (whole) compacted	One cubic yard	270
Aluminum Containers, whole	One cubic yard	62
Aluminum Containers, flattened	One cubic yard	250
Steel Cans, whole	One cubic yard	150
Steel Cans, flattened	One cubic yard	850
Glass Whole Containers	One cubic yard	1,000
Glass Whole Container	Full grocery bag	15
OTHER MATERIALS		
Scrap Metal	One cubic yard	225
Scrap Metal--Used Major Appliances (average of all types and brands)	One appliance	150
Pallets	One, average size	35
Pallets	Five cubic yards	2000
Electronic Scrap	CRT (Computer Monitor)	50
Electronic Scrap	TV	90
Plastic Film, baled	30" x 42" x 48"	1,100
Plastic Film, baled	semi-trailer load	44,000
Other Plastics:		
Mixed rigid, no film, granulated	Gaylord	750
Mixed rigid and densified by mixed plastic mold technology	One cubic foot	average 60
PS, granulated or peanuts	One cubic yard	9
Household Hazardous Waste	One gallon	10
Latex Paint	One gallon	10.9
Mixed Textiles, loose	One cubic yard	240
Mixed Textiles, baled	One cubic yard	480
Mixed Textiles, baled	31" x 45" x 60"	885
Carpet Padding	One cubic yard	62

*** Formula for converting cubic yards to tons:**
# of cubic yards x weight in pounds ÷ 2000 pounds = tons

VOLUME-TO-WEIGHT CONVERSION FACTORS

Materials:	Volume *	Weight in Pounds *
MIXED MUNICIPAL SOLID WASTE (MSW)		
MSW, (uncompacted)	One cubic yard	150-300 (225 Average)
MSW, (compacted in truck)	One cubic yard	500-1,000
MSW, compacted in packer truck	3.3 cubic yards	2000 (Average)
C & D; Clean Fill		
Concrete	One cubic yard	860
Asphalt Paving	One cubic yard	773
Brick, Ceramic, Porcelain	One cubic yard	860
Roofing	One cubic yard	731
Wood	One cubic yard	169
SPECIAL WASTE		
Industrial Waste (Similar to MSW and C & D categories)		
Friable Asbestos/other Regulated Asbestos (Similar different type of C & D)	One cubic yard	Varies
Infectious Waste (Similar to MSW categories)		
Ash	One cubic yard	945-1080
PCS (Petroleum Contaminated Soils)	One cubic yard	929
Offal (animal and fish scraps)	One cubic yard	1350
Sewage Sludge dry	One cubic yard	945
Sewage Sludge wet	One cubic yard	1215
Other Sludges (dry-wet)	One cubic yard	945-1215
Other Materials		
Vegetative--Food Waste	One cubic yard	1,070
Yard Waste, raw, mulched (either for composting or land application)	One cubic yard	350
Yard Waste, finished compost	One cubic yard	1,400
Brush, loose	One cubic yard	300
Scrap Tire-Passenger**	One passenger	22.5
Scrap Tire-Truck**	One truck tire	60
Used Motor Oil***	One gallon	8
Antifreeze***	One gallon	8
Lead Acid Batteries****	One vehicle battery	40

*** Formula for converting cubic yards to tons:**
# of cubic yards x weight in pounds ÷ 2000 pounds = tons

****Formula for converting tires to tons:**
# of tires x weight in pounds ÷ 2000 pounds = tons

*****Formula for converting gallons to tons:**
# of gallons x weight in pounds ÷ 2000 pounds = tons

******Formula for converting # of Lead Acid Batteries to tons:**
# of batteries x weight in pounds ÷ 2000 pounds = tons

** Gaylord size most commonly used is 40" x 48" x 36"; weight of empty Gaylord approx. 45 pounds
One cubic foot = 7.5 gallons or 1728 cubic inches
One cubic yard = 36" x 36" x 36" or 46,656 cubic inches
One cubic yard = 202 gallons or 27 cubic feet
18 bushel hamper = 0.83 cubic yards

SOURCES: National Recycling Coalition Measurement Standards and Reporting Guidelines; EPA; FEECO and CIWMB 2006

SOURCE: National Recycling Coalition Measurement Standards and Reporting Guidelines; EPA; FEECO and CIWMB 2006 - https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/vol-to-weight-conversion.pdf

7. Conclusion

Based on the evaluation of the estimated quantities of soil and waste streams observed, addition space within the study area can be recovered by removing excess soil cover, sorting and diverting recyclable waste streams, further compacting of existing waste or proper compaction of new incoming waste and reuse of excavated separated soils for daily cover.

Table 3: Final Summary Tables

Total Averages

	Cu. Yrds
Total Volume of Test Pits Combined	**243.2758**

Material Type	****Avg. % of Total Volume	Avg. Est. Total Volume (Cu. Yds)	*Conversion Weight Assigned (lbs)	Avg. Est. Total Unit Weight (lbs/Cu. Yds)	Avg. Est.Total Tonnage (t)
Aggregate/Soil	**68%**	165.9141	N/A	N/A	N/A
Wood Materials	**4%**	10.2176	N/A	N/A	N/A
Tires	**3%**	6.0819	N/A	N/A	N/A
***Recyclable Concrete	**0%**	0.4866	860	418.434376	0.189969207
Metal Waste	**2%**	3.8924	225	875.79	0.3976
**White Goods (# of Appliance)	**0%**	0.0000	0	0	0
Household Waste	**22%**	53.0341	N/A	N/A	N/A
Recyclable Material (Blue Box) Total	**2%**	4.3790	279	285.95	0.1298
- PET/HDPE mix	**35%**	*1.5107*	*24*	*36.26*	*0.0165*
- PET (mixed)	**23%**	*0.9853*	*30*	*29.56*	*0.0134*
- Aluminum Cans	**9%**	*0.3722*	*62*	*23.08*	*0.0105*
- Glass	**5%**	*0.1971*	*1000*	*197.05*	*0.0895*

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
**** Recycled conrete was <1% overall*
***** Total Average of all test pits*
****** Total tonnage calculated as a cumulative value of all tonnage estimated*
N/A - Not Applicable

Total Estimated Tonnage

	Cu. Yrds
Total Volume of Test Pits Combined	**243.2758**

Material Type	Total Est. Unit Weight (lbs/Cu. Yds)	**** Total Est. Tonnage (t)
Aggregate/Soil	N/A	N/A
Wood Materials	N/A	N/A
Tires	N/A	N/A
***Recyclable Concrete	337.45196	**0.153**
Metal Waste	971.13555	**0.441**
**White Goods (# of Appliance)	0	**0**
Household Waste	N/A	N/A
Recyclable Material (Blue Box) Total	463.14	**0.210**

** Based on estimated weights from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
*** Based on number of appliances from Table 2: Typical Weights of Recycled Material - VOLUME-TO-WEIGHT CONVERSION FACTORS*
**** Recycled concrete was <1% overall*
*****Total tonnage calculated as a cumulative value of all tonnage estimated*
N/A - Not Applicable
1 tonne = 2,204.62 lbs.

Appendix A Daily Reports

December 3, 2024

HENDERSON CONSTRUCTION

DAILY MONITORING REPORT

SITE ADDRESS: 530 Eden Grove Road, Lansdowne, ON
PrimeContractor: Henderson Construction
Consultant (QA/QC): Malroz
Sub-contractor: Nash Excavating

TASK NUMBER: OPS-2024-016
Client: Township of Leeds & 1000 Islands
Contact: David Holliday
Phone:
Email or fax#:

Description of work planned for the today:
a) Initial Site meeting
b) Site Preparation
c) Advance Test Pits

DATE: 12/3/2024 (M / D / YYYY)
WEATHER: Cloudy -2C
HOURS ON-SITE: FROM: 9:00 AM TO: 4:00 PM

EXCAVATION PROGRESS
Floor area (m^2) excavated: N/A
Volume (m^3)Soil Removed and transported off site: 0
Volume (m^3) Soil Stockpiled: 0
No. of Test Pits Advanced: 4

SITE VISITORS *(additional in comments)*
David Holliday (Township), Jonathan Cross (Township), Nathalie Mathews (MECP), John Pyke (Malroz)

See attached visitor/sign-in sheets for full list

EQUIPMENT AND LABOUR ON-SITE *(additional in comments)*

TYPE OF PERSONNEL & EQUIPMENT	NUMBER ON-SITE
Deere 245 (Henderson)	1
Deere 290 (Nash)	1
Kubota SLV Skid Steer (Henderson)	1
Skeleton Bucket	2
Rob Nash - Operator (Nash)	1
Darren Mueller - Project Manager (HC)	1
Shawn Warren - Foreman (Henderson)	1
Adam - Technician (Malroz)	1

x = indicates in use today (Labour and Personnel on daily sign in)

ESTIMATED QUANTITY OF MATERIAL REMOVED FROM SITE

TYPE OF MATERIAL	WEIGHT (tonnes)	DESTINATION	# OF LOADS
TOTAL:			

ESTIMATED QUANTITY OF IMPORTED MATERIAL

TYPE OF MATERIAL	AMOUNT (m3)	WEIGHT (tonnes)	# OF LOADS
TOTAL:	0	0	0

ATTACH COMPLETED "MANIFESTS AND WEIGHT TICKETS" TO DAILY MONITORING REPORT

PHOTOGRAPHIC LOG:

PHOTO ID	DESCRIPTION AND VIEW POINT

COMMENTS: *(additional on page 2, if indicated)*
- Site Meeting at 9:30 to go over site setup, test pits depths, objectives and environmental protection.
- Site preparation and location markouts
- Advanced 4 test pits to 4.0 - 5.0 mbg along the toe of landfill as indicated in site drawing from Malroz.. (Details and location in Test Pit Logs & comments below)
- All test pits were backfilled with existing refuse from location and original cover was reinstated with clayey cap material and topsoil cover as per existing conditions.
- No Savageable material diverted off site due to limited encounters within test pits.

IN ADDITION PHOTOGRAPHS MUST BE TAKE AT COMPLETION OF EXCAVATION, SOIL REMEDIATION, DECONSTRUCTION, DEMOLITION, LINER PLACEMENT, FILL AND GRADING

Prime Contractor Information
CONTRACTOR FIRM: Henderson Construction
SIGNATURE:
PRINT NAME: Darren Mueller

QA/QC Consultant Information
CONSULTANT FIRM: Malroz
SIGNATURE:
PRINT NAME: Adam Superville

Page 1 of 2

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-1)

Client: **Township of Leeds**	Supervisor: **Shawn Warren**	Contractor: **Henderson Construction**	Date Started: **Dec 3, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Deere 290 Excavator**	Date Finished: **Dec 3, 2024**
UTM Coordinates: **18N 416422 4916647**		Field Screening Method: **N/A**	Final Depth (m): **5.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1 of 1**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 5.0m	70	10	5	0	3	0	2	10% Household waste including
1.00									small plastic <10cm, platic bags,
									textiles, farm waste (Bail wrap)
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-2)

Client: **Township of Leeds**	Supervisor: **Shawn Warren**	Contractor: **Henderson Construction**	Date Started: **Dec 3, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Excavator** **Deere 290**	Date Finished: **Dec 3, 2024**
UTM Coordinates: **18N 416452 4916718**		Field Screening Method: **N/A**	Final Depth (m): **5.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **1**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 5.0m	80	1	0	1	1	0	0	17% Household waste including
1.00	Soil consisted of a grey								small plastic <10cm, platic bags,
	sandy material for cover								textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-3)

Client: **Township of Leeds**	Supervisor: **Shawn Warren**	Contractor: **Henderson Construction**	Date Started: **Dec 3, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Deere 290 Excavator**	Date Finished: **Dec 3, 2024**
UTM Coordinates: **18N 416440 4916808**		Field Screening Method: **N/A**	Final Depth (m): **5.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **1**

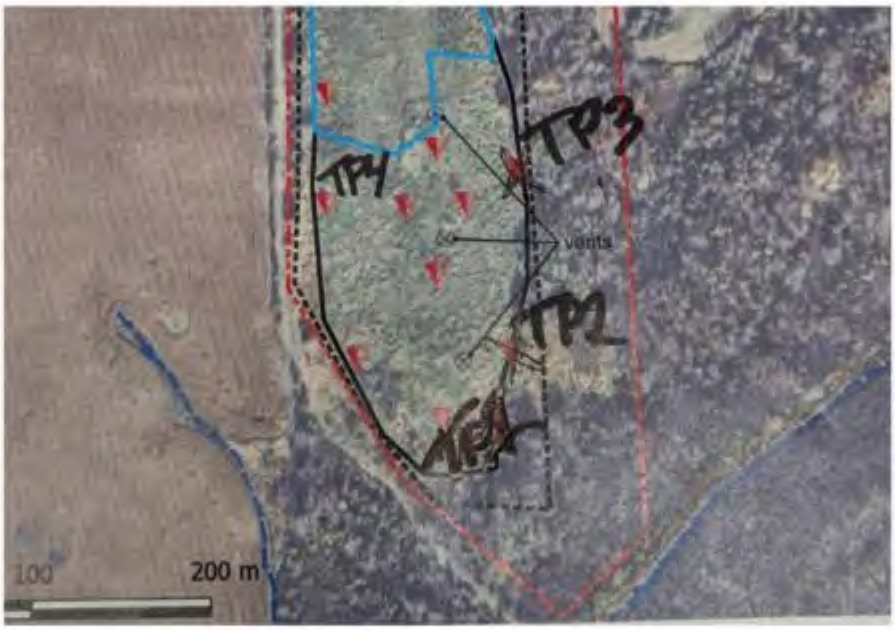
DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 5.0m	87	2	0	1	2	0	0	8% Household waste including
1.00									small plastic <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-4)

Client: **Township of Leeds**	Supervisor: **Shawn Warren**	Contractor: **Henderson Construction**	Date Started: **Dec 3, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Deere 290 Excavator**	Date Finished: **Dec 3, 2024**
UTM Coordinates: **18N 416364 4916800**		Field Screening Method: **N/A**	Final Depth (m): **5.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **1**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 5.0m	75	5	5	0	0	0	0	15% Household waste including
1.00									small plastic <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									



HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION Test Pit Locations OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 3, 2024	DWG. No.:

Test Pit 1 - Advanced to 5.0m bgs

Test Pit 1 - Refuse piles showing waste

Test Pit 2 - Advanced to 5.0m bgs

Test Pit 2 - Refuse piles showing waste

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 3, 2024	DWG. No.:

Test Pit 3 - Advanced to 5.0m bgs

Test Pit 3 - Refuse piles showing waste

Test Pit 4 - Advanced to 5.0m bgs

Test Pit 4 - Refuse piles showing waste

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 3, 2024	DWG. No.:

December 4, 2024,

HENDERSON CONSTRUCTION

DAILY MONITORING REPORT

SITE ADDRESS: 530 Eden Grove Road, Lansdowne, ON
PrimeContractor Henderson Construction
Consultant (QA/QC) Malroz
Sub-contractor Nash Excavating

TASK NUMBER: OPS-2024-016
Client Township of Leeds & 1000 Islands
Contact: David Holliday
Phone:
Email or fax#:

Description of work planned for the today:
a) Advance test Pits

DATE : 2024-12-04 (M / D / YYYY)
WEATHER: Cloudy -2C
HOURS ON-SITE: FROM: 9:00 AM TO: 4:00 PM

EXCAVATION PROGRESS

Floor area (m^2) excavated:	N/A
Volume (m^3)Soil Removed and transported off site:	0
Volume (m^3) Soil Stockpiled: 0	
No. of Test Pits Advanced:	3

SITE VISITORS *(additional in comments)*

See attached visitor/sign-in sheets for full list

EQUIPMENT AND LABOUR ON-SITE *(additional in comments)*

TYPE OF PERSONNEL & EQUIPMENT	NUMBER ON-SITE
Deere 245 (Henderson)	1
Deere 290 (Nash)	1
Kubota SLV Skid Steer (Henderson)	1
Skeleton Bucket	2
Rob Nash - Operator (Nash)	1
Darren Mueller - Project Manager (HC)	1
Shawn Warren - Foreman (Henderson)	
Adam - Technician (Malroz)	1

x = indicates in use today (Labour and Personnel on daily sign in)

ESTIMATED QUANTITY OF MATERIAL REMOVED FROM SITE

TYPE OF MATERIAL	WEIGHT (tonnes)	DESTINATION	# OF LOADS
TOTAL:			

ESTIMATED QUANTITY OF IMPORTED MATERIAL

TYPE OF MATERIAL	AMOUNT (m3)	WEIGHT (tonnes)	# OF LOADS
TOTAL:	0	0	0

ATTACH COMPLETED "MANIFESTS AND WEIGHT TICKETS" TO DAILY MONITORING REPORT

PHOTOGRAPHIC LOG:

PHOTO ID	DESCRIPTION AND VIEW POINT

COMMENTS: *(additional on page 2, if indicated)*

- Advanced 3 test pits to 8.0 mbg along the top of landfill as indicated in site drawing from Malroz.. (Details and location in Test Pit Logs & comments below)
- All test pits were backfilled with existing refuse from location
- Recovered tires & metals remaining on site
- No Savageable material diverted off site due to limited encounters within test pits.

IN ADDITION PHOTOGRAPHS MUST BE TAKE AT COMPLETION OF EXCAVATION, SOIL REMEDIATION, DECONSTRUCTION, DEMOLITION , LINER PLACEMENT, FILL AND GRADING

Prime Contractor Information

CONTRACTOR FIRM: Henderson Construction
SIGNATURE:
PRINT NAME: Darren Mueller

QA/QC Consultant Information

CONSULTANT FIRM: Malroz
SIGNATURE:
PRINT NAME: Adam Superville

Page 1 of 2

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-5)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Deere 290** **Excavator**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **2**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 8.0m	50	5	0	0	1	0	3	41% Household waste including
1.00									small plastic <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-5)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy -2**	Equipment: **Deere 290** **Excavator**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **2** of **2**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
6.50									
7.00		50	5	0	0	1	0	3	41% Household waste including small plastic <10cm, platic bags, textiles, broken glass
7.50									
8.00									
	END OF TEST PIT at 8.0m								

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-6)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy 0C**	Equipment: **Deere 290** **Excavator**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **2**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 8.0m	50	3	5	0	5	0	2	35% Household waste including
1.00									platic bags, misc. unidentifiable
									waste, textiles, broken glass,
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-6)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy 0C**	Equipment: **Excavator** **Deere 290**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **2** of **2**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
6.50									
7.00		50	3	5	0	5	0	2	35% Household waste including platic bags, misc. unidentifiable waste, textiles, broken glass,
7.50									
8.00									
	END OF TEST PIT at 8.0m								

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-7)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy 0C**	Equipment: **Deere 290** **Excavator**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **1** of **2**

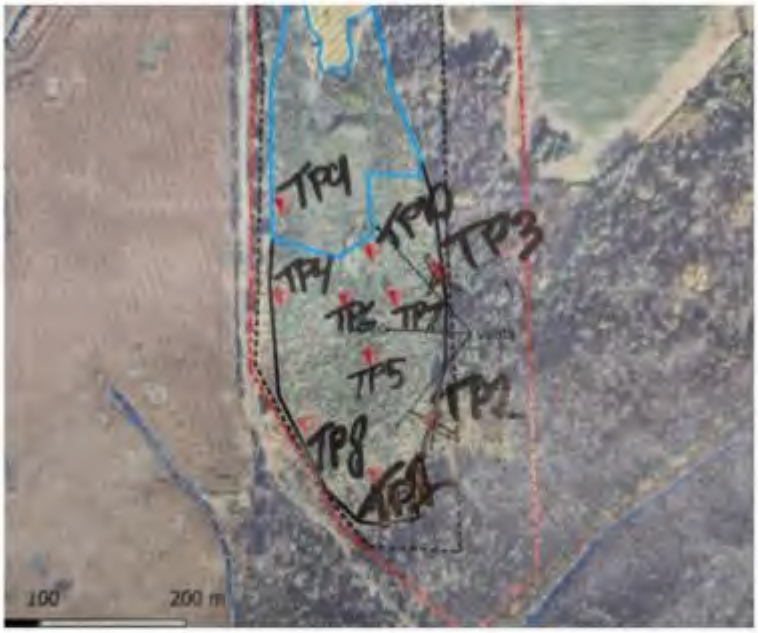
DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil Cap								
	0.5 - 8.0m	50	3	5	0	2	0	2	38% Household waste including
1.00									platic bags, misc. unidentifiable
									waste, textiles, broken glass,
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-7)

Client: **Township of Leeds**	Supervisor: **D.Mueller**	Contractor: **Henderson Construction**	Date Started: **Dec 4, 2024**
Project: **Landfill Mining**	Weather/Temperature: **Cloudy 0C**	Equipment: **Deere 290** **Excavator**	Date Finished: **Dec 4, 2024**
UTM Coordinates:		Field Screening Method: **N/A**	Final Depth (m): **8.0m**
Address: **530 Eden Grove Road, Lansdowne, ON**			Page **2** of **2**

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
6.50									
7.00		50	3	5	0	2	0	2	38% Household waste including platic bags, misc. unidentifiable waste, textiles, broken glass,
7.50									
8.00									
	END OF TEST PIT at 8.0m								



HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION Test Pit Locations OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 4, 2024	DWG. No.:

Test Pit 5 - Advanced to 8.0m bgs

Test Pit 5 - Refuse piles showing waste

Test Pit 6 - Advanced to 8.0m bgs

Test Pit 6 - Refuse piles showing waste

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 4, 2024	DWG. No.:

Test Pit 7 - Advanced to 8.0m bgs

Test Pit 7 - Refuse piles showing waste

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 4, 2024	DWG. No.:

December 5, 2024

HENDERSON CONSTRUCTION

DAILY MONITORING REPORT

SITE ADDRESS: 530 Eden Grove Road, Lansdowne, ON
PrimeContractor Henderson Construction
Consultant (QA/QC) Malroz
Sub-contractor Nash Excavating

TASK NUMBER: OPS-2024-016
Client Township of Leeds & 1000 Islands
Contact: David Holiday
Phone:
Email or fax#:

Description of work planned for the today:
a) Advance tesdt pits # 8 -10

DATE : 12/5/2024 (M / D / YYYY)
WEATHER: Sunny Periods 0C
HOURS ON-SITE: FROM: 8:00 AM TO: 4:00 PM

EXCAVATION PROGRESS
Floor area (m^2) excavated: **N/A**
Volume (m^3)Soil Removed and transported off site: **0**
Volume (m^3) Soil Stockpiled: 0
No. of Test Pits Advanced: **3**

SITE VISITORS *(additional in comments)*

See attached visitor/sign-in sheets for full list

EQUIPMENT AND LABOUR ON-SITE *(additional in comments)*

TYPE OF PERSONNEL & EQUIPMENT	NUMBER ON-SITE
Deere 245 (Henderson)	1
Deere 290 (Nash)	1
Kubota SLV Skid Steer (Henderson)	1
Skeleton Bucket	2
Rob Nash - Operator (Nash)	1
Darren Mueller - Project Manager (HC)	1
Shawn Warren - Foreman (Henderson)	1
Adam - Technician (Malroz)	1
Spencer Robinson - Operator (Henderson)	1

x = indicates in use today (Labour and Personnel on daily sign in)

ESTIMATED QUANTITY OF MATERIAL REMOVED FROM SITE

TYPE OF MATERIAL	WEIGHT (tonnes)	DESTINATION	# OF LOADS
TOTAL:			

ESTIMATED QUANTITY OF IMPORTED MATERIAL

TYPE OF MATERIAL	AMOUNT (m3)	WEIGHT (tonnes)	# OF LOADS
TOTAL:	0	0	0

ATTACH COMPLETED "MANIFESTS AND WEIGHT TICKETS" TO DAILY MONITORING REPORT

PHOTOGRAPHIC LOG:

PHOTO ID	DESCRIPTION AND VIEW POINT

COMMENTS: *(additional on page 2, if indicated)*

- Advanced 2 test pits to 4.0 - 5.0 mbg along the toe of landfill and 1 test pit to 8.0m on top of landfill berm as indicated on dwg.. (Details and location in Test Pit Logs & comments below)
- No salvageable material diverted off site due to limited amounts encountered in test pits.
- All test pits were backfilled with existing refuse from location and original cover was reinstated with clayey cap material and topsoil cover.
- Test pits were surveyed and drone flight image taken.

IN ADDITION PHOTOGRAPHS MUST BE TAKE AT COMPLETION OF EXCAVATION, SOIL REMEDIATION, DECONSTRUCTION, DEMOLITION, LINER PLACEMENT, FILL AND GRADING

Prime Contractor Information
CONTRACTOR FIRM: Henderson Construction
SIGNATURE:
PRINT NAME: Darren Mueller

QA/QC Consultant Information
CONSULTANT FIRM: Malroz
SIGNATURE:
PRINT NAME: Adam Superville

Page 1 of 2

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-8)

Client: Township of Leeds	Supervisor: Warren Shawn	Contractor: Construction	Henderson	Date Started:	Dec 5, 2024
Project: Landfill Mining	Weather/Temperature: Sunny Periods, 0C	Equipment: Excavator	Deere 245	Date Finished:	Dec 5, 2024
UTM Coordinates:		Field Screening Method: N/A		Final Depth (m):	5.0m
Address: 530 Eden Grove Road, Lansdowne, ON				Page 1 of 1	

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	90							10% Household waste
0.50	Clay Soil.								from 0.4m - 0.5m
	0.5 - 5.0m	85	5	0	0	0	0	2	8% Household waste including
1.00									small items <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-9)

Client: Township of Leeds	Supervisor: Warren Shawn	Contractor: Construction Henderson		Date Started:	Dec 5, 2024
Project: Landfill Mining	Weather/Temperature: Sunny Periods, 0C	Equipment: Excavator Deere 245		Date Finished:	Dec 5, 2024
UTM Coordinates:		Field Screening Method: N/A		Final Depth (m):	5.0m
Address: 530 Eden Grove Road, Lansdowne, ON				Page 1 of 1	

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil.								
	0.5 - 5.0m	85	5	0	0	0	0	2	8% Household waste including
1.00									small items <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
	END OF TEST PIT at 5.0m								
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-10)

Client: Township of Leeds	Supervisor: Shawn Warren	Contractor: Henderson Construction		Date Started:	Dec 5, 2024
Project: Landfill Mining	Weather/Temperature: Sunny Periods, 0C	Equipment: Excavator	Deere 290	Date Finished:	Dec 5, 2024
UTM Coordinates:		Field Screening Method: N/A		Final Depth (m):	8.0m
Address: 530 Eden Grove Road, Lansdowne, ON				Page 1 of 2	

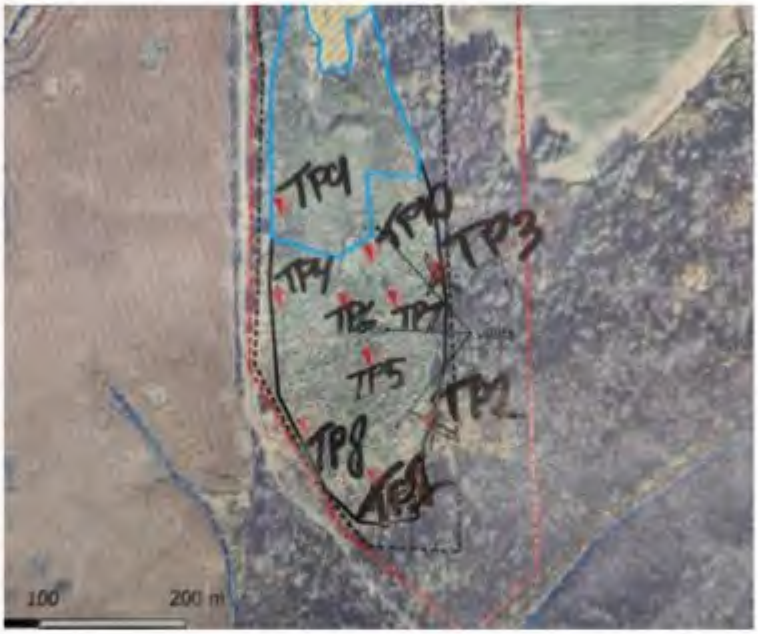
DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	0.0- 0.5m - Topsoil, Silty	100							
0.50	Clay Soil.								
	0.5 - 8.0m	50	10	0	0	0	0	5	35% Household waste including
1.00									small items <10cm, platic bags,
									textiles, broken glass
1.50									
2.00									
2.50									
3.00									
3.50									
4.00									
4.50									
5.00									
5.50									
6.00									

HENDERSON CONSTRUCTION

TEST PIT LOG (TP-10)

Client: Township of Leeds	Supervisor: Warren Shawn	Contractor: Construction Henderson		Date Started:	Dec 5, 2024		
Project: Landfill Mining	Weather/Temperature: Sunny Periods, 0C	Equipment: Excavator	Deere 290	Date Finished:	Dec 5, 2024		
UTM Coordinates:		Field Screening Method: N/A		Final Depth (m):	8.0m		
Address:	530 Eden Grove Road, Lansdowne, ON			Page 2 of 2			

DEPTH (m)	DESCRIPTION OF SOIL STRATA AND MATERIAL	Soil (%)	Wood (%)	Tires (%)	Concrete (%)	Metals (%)	White Goods (%)	Blue Box (%)	NOTES AND OBSERVATIONS (Water Depth, etc)
	Continued from								
6.50	previous page								from 6.0 - 8.0m Changes to
		80	0	0	0	0	0	0	20% Household waste including
7.00									small items <10cm, platic bags,
									textiles, broken glass
7.50									
8.00									
	END OF TEST PIT at 8.0m								



HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION Test Pit Locations OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 5, 2024	DWG. No.:

Test Pit 8 - Advanced to 5.0m bgs

Test Pit 8 - Refuse piles showing waste

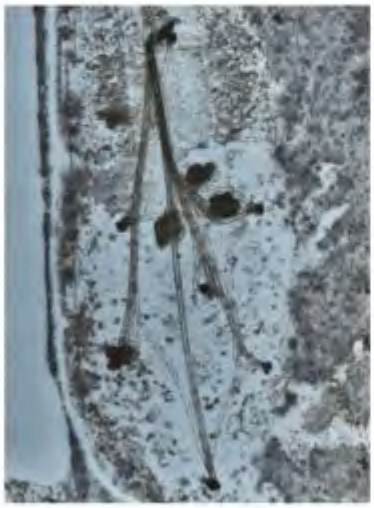
Test Pit 9 - Advanced to 5.0m bgs

Test Pit 9 - Refuse piles showing waste

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 5, 2024	DWG. No.:

Test Pit 10 - Advanced to 8.0m bgs

Test Pit 10 - Refuse piles showing waste



Test Pit Location - Drone Image

HENDERSON CONSTRUCTION	PROJECT TITLE AND LOCATION SITE PHOTOGRAPHS OPS-2024-016 Township of Leeds and the Thousand Islands - Landfill Mining Pilot Project		DWN.:
		SCALE: N/A	DWN.:
		DATE: December 5, 2024	DWG. No.:

Appendix B List of Additional Documentation

1.) Landfill Overview – Drone imagery

2.) Test Pit Location Overview

1.)Landfill Overview – Drone imagery

LEGEND

HENDERSON CONSTRUCTION

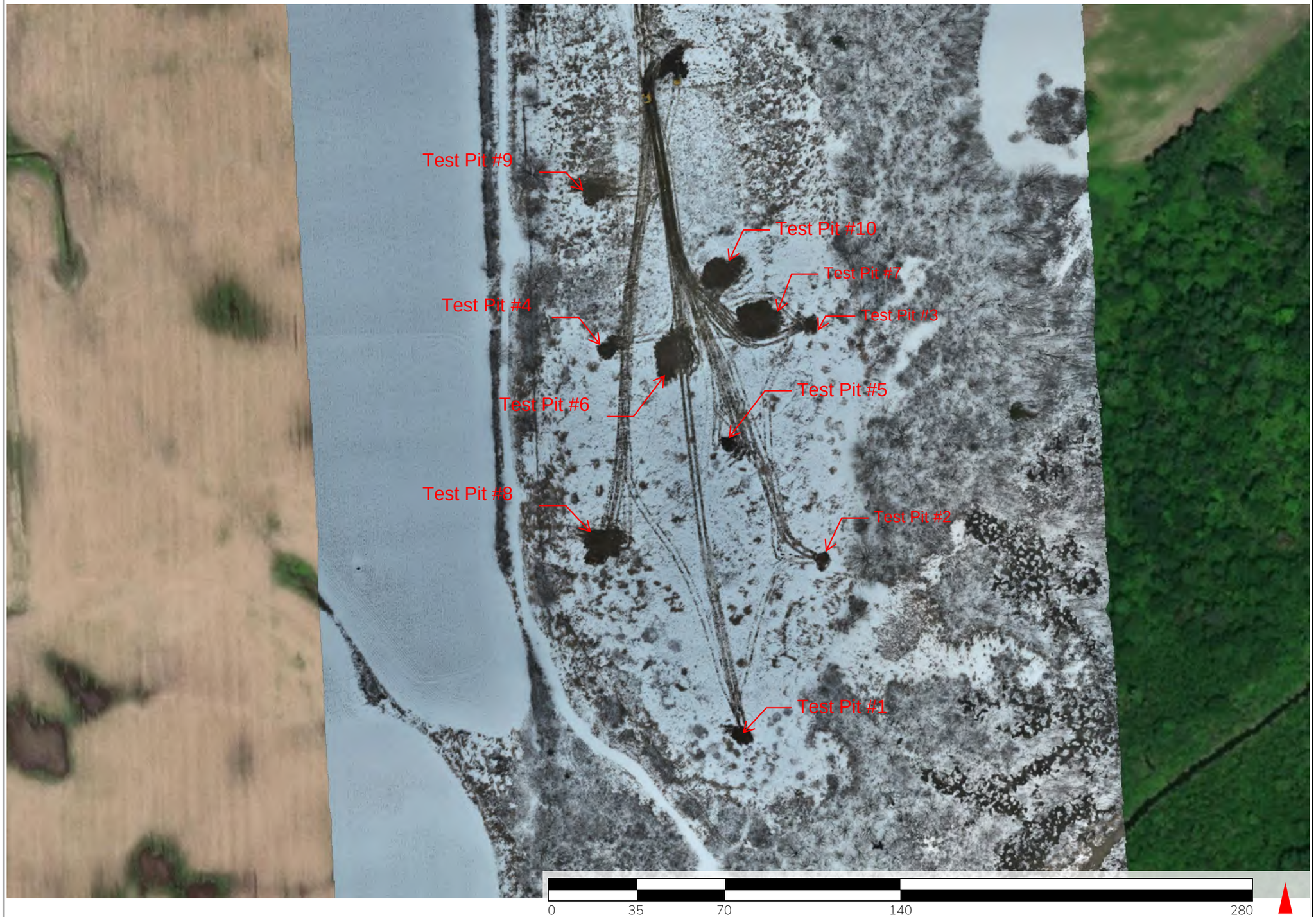
Site: Lansdowne Landfill

Survey: Dec 05, 2024

File created: Dec 18, 2024

propeller

2.)Test Pit Location Overview



LEGEND

TEST PIT LOCATIONS →

HENDERSON CONSTRUCTION

Site: Lansdowne Landfill

Survey: Dec 05, 2024

File created: Dec 18, 2024

propeller

Appendix F

Daily Inspections and Waste Logs Summary

Township of Leeds and the Thousand Islands

1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 2/24 **TIME:** 830 **STAFF:** Paul J / Jonas

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic +

DATES BINS WERE PICKED UP: / / Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Thurs Plastic + Scrap

Fri Cardboard + Paper

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/C	Visual

TOTAL COUNT OF HOUSEHOLD USERS: 97

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Push Cardboard – Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jackson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 4/24 **TIME:** 8:30 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Pample in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic & Cardboard

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins – Clean up around Bins Below Wall

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/L	
	Private	"	1 T/L	Clean up.

TOTAL COUNT OF HOUSEHOLD USERS: 218

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard – Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 5/23 **TIME:** 8:30 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A. Ma

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Pushed Garbage Picked up Things Left at Gate -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Const.	1/2 T/L	65.00
	Private	Garbage	1 T/L	Clean Up
	"	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 140

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up along Road / called for Tires

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tomaselli

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 6/24 **TIME:** 8:30 **STAFF:** Paul T / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Garbage left at Gate / Picked Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 264

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage & Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 8/23 **TIME:** 830 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plowed Snow 8:15 to 10:15 / Pushed Garbage + Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	Village P.V.

TOTAL COUNT OF HOUSEHOLD USERS: 104

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Backhoe to Escott to Plow Snow + Pack Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 9/24 **TIME:** 830 **STAFF:** Paul / John S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

THURS – Paper + Mixed Plastic
Fri – Cardboard + Mixed Plastic

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 71

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins / Pushed Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: 613 – 875 – 0651

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trottier

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 11/24 **TIME:** 8:30 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Paper + Plastic /

DATES BINS WERE PICKED UP: / / Electronics

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage – Packed Bins. – Compactor in Today

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/C	

TOTAL COUNT OF HOUSEHOLD USERS: 121

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Back Hoe to Escott to Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 12/24 **TIME:** 8 70 **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard & Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Cardboard / Packed Bins. Pushed Leaves & Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up Snow around Bins / Salt Along Walk

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE: **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 13/24 **TIME:** 800 am **STAFF:** Paul T / Julie M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Bagge in A M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1045	Private	No Tags

OTHER COMMENTS / OBSERVATIONS Plow to Snow - Packed Bins / Pushed Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 165

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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DAILY INSPECTION FORM

DATE: Jan 15/24 **TIME:** 8:10 **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins & Plow Snow.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4TK	Unknown

TOTAL COUNT OF HOUSEHOLD USERS: 83

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Plowed Snow – Pushed Garbage – Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 16/24 **TIME:** 8:10 **STAFF:** Paul T / John S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A-H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered / Bins Not

DATES BINS WERE PICKED UP: / / Plastic + Paper / Delivered

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Fri - Plastic + Cardboard / Plowed Snow
Pushed Garbage + Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 66

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
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DAILY INSP...

DATE: Jan 18/24 TIME: 8:10 STAFF: Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Bagge in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN: Garbage at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Tuesday's Bins Done

DATES BINS WERE PICKED UP: / / Wed.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Composte Bins Done Wed Jan 17/24
Pushed ~~Bins~~ Garbage - Pack to Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 T/L	
	Private	Const.	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 130

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Backhoe to Escott to Pack Bins + Push Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Print Staff Name: P. Trahan

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 19/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage /

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 97

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins / Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 20/24 **TIME:** 8:15 AM **STAFF:** Paul J / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Rope in A H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Added Hydraulic Fluid to Backhoe
Small Leak on Excavator

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 201

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins - Pushed Compacted

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [x] Lansdowne
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 22/24 **TIME:** 810 **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Backhoe to Escott to Place Bins
Backhoe in for repairs (Moses)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4T/L	Vinegar
	Private	"	1T/L	Clean up

TOTAL COUNT OF HOUSEHOLD USERS: 12

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To: K7G 2V5

LITTER CONTROL: Yes / No

DETAILS: Push Cardboard - Place Bins - Pickup Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: —

SIGNATURE **Print Staff Name:** P. Trantow

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 23/24 **TIME:** 810 **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People on A.H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Thurs - Cardboard + Paper
Fri - Plastic + Scrap

COMMERCIAL HAULER OR LARGE LOADS Backhoe in For Service.

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 120

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: RPM for Oil Containers

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 25/24 **TIME:** 8:00 AM **STAFF:** Paul S / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Paper + Cardboard

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plowed Snow - Backhoe in for Fuel + Sand - Compactor In.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 65

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 26/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Plastic + Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plowed Snow - Packed Bins - Pushed Garbage.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 80

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jeffers

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 27/24 **TIME:** 8:10 **STAFF:** Paul T / Julia M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:
2 garbage cans taken.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushed Garbage - Packed Bins - Pushing Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 240

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 29/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins + Push Garbage.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	No

TOTAL COUNT OF HOUSEHOLD USERS: 130

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage - Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

216 **DETAILS:**

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tiarkolo

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 30/24 **TIME:** 8:10 **STAFF:** Paul / Jamie S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pick Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fri. Cardboard & Plastic.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 95

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pack Bins - Push Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 1/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Pheasant in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

Tim at Tallium – Automatic Voice Messaging Service – No Mention of Tallium Time

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Compost Bins Cardboard

DATES BINS WERE PICKED UP: / / Jan 31/24

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Back Hoe To Escott to Pack Bins + Push Cardboard / Compactor in Today 8:15 am

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 103

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard – Packed Bins. Back Dragged Roadway.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tompkins

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 7/02/24 **TIME:** 810 **STAFF:** Paul T / Julie M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Skunk
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Picked up Things that at Cats. (Tires Picked up.) Took Fill to Garbage. Posted Hours.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Garbage	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Posted Garbage - Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL
DAILY INSPECTION FORM

DATE: Feb 3/24 **TIME:** 810 **STAFF:** PAUL T / STEVE A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyote
Other:	Yes / No	Dangle in A-H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
930	PALUTTA	COAL RESIDENTS

OTHER COMMENTS / OBSERVATIONS PUSHED GARBAGE - PACKED BINS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 240

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins -

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trottier

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 5/24 **TIME:** 8:00 **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Skunk
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins - Dozer Brought in.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	Village
	Private	"	1T/L	Clean up.

TOTAL COUNT OF HOUSEHOLD USERS: 88

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Posted Garbage - Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 6/24 **TIME:** 8:10 **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Skunk
Other:	Yes / No	Propane in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Bag Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fri Cardboard - Plastic - Paper

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 94

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 8/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Dozer in Wed Feb 7/24 – Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Flatrock	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 106

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins / Pushed Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 9/24 **TIME:** 8:10 **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Paper - Plastic - Cardboard

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushed Garbage - Packed Bins - Moved Leaves - Backdraged Road.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Const.	1/2 TL	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 106

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** D. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☑ Lansdowne
☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 10/24 **TIME:** 8:10 **STAFF:** PAUL T / JOHN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage / Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Const.	1 T/L	130.00
	"	"	1 T/L	130.00
	"	"	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 278

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: ~~FEB~~ 12/24 **TIME:** 810 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water: Yes / No
Windblown Litter: Yes / No
Leachate Springs: Yes / No
Animals: Yes / No — Cows
Other: Yes / No — Propane in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushed Garbage - Packed Bins -
Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	Village

TOTAL COUNT OF HOUSEHOLD USERS: 91

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins. / Hook Brush on Backhoe

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 13/24 **TIME:** 810 **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats.
Other:	Yes / No	Propane in D.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pick Cardboard Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Fri — Plastic + Cardboard Push Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	1 T/L	Library

TOTAL COUNT OF HOUSEHOLD USERS: 104

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins / Pack Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: Signs

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 15/24 **TIME:** 810 **STAFF:** Paul / Al McKay

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Compactor in Wed. / Composite Pickup Wed
Dirt to Cambar for next Wed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cambar	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 127

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Backhoe to Escort to Pack Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thatcher

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb.16/24 **TIME:** 8:30 **STAFF:** Al M. / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats & Birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: Feb / 16 / 2024 Plastic Bin / Cardboard Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Clarence in too Sand. - Used Backhoe Plowed Site.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 83

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: General Area.

APPLICATION OF DUST SUPPRESSANT: (Yes) / No

DETAILS: Salt and Sand.

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 17/24 **TIME:** 8:10 **STAFF:** PAULT / STRUKA

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Gulls
Other:	Yes / No	Propane in D.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Took Dirt to Gananoque - Pushed Gananoque - Pushed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
4:00	Resident	Constitution	1/2 truck load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 227

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tuffano

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 20/24 **TIME:** 810 **STAFF:** Paul T / Julia M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pro Organic Plastic + Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fri - Plastic + Cardboard
Plowed Snow.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/C	Village

TOTAL COUNT OF HOUSEHOLD USERS: 137

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Placed Bins / Pushed Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trottard

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 22/24 **TIME:** 8:10 **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Took File to Carrying a Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 142

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Backhoe to Escott to Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tremblay

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 23/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Take pile to Garbage – Push leaves –

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 151

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tompkins

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 24/24 **TIME:** 8:10 **STAFF:** Paul T / Julien M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Garbage Pushed - File to Garbage - Tires Packed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:45	1/2 Van Truck	(unknown wood)	65.00	

TOTAL COUNT OF HOUSEHOLD USERS: 235

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Mound Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 26/24 **TIME:** 8:10 **STAFF:** Paul T / Adam M.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Back hoe to Escott to pack bins + push garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 TIL	No (Village)

TOTAL COUNT OF HOUSEHOLD USERS: 97

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pack Bins - Pushing Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tarrant

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 27/24 **TIME:** 8:10 **STAFF:** PAUL T / JOHN S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS
Other:	Yes / No	Propane in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pick Ordered Plastic & Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Thurs - Cardboard + Paper
Fri - Plastic + Scrap

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	1 T/C	
	Private	Const	1/2 T/C	$5.00

TOTAL COUNT OF HOUSEHOLD USERS: 119

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Push Compactor - Park Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 29/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats.
Other:	Yes / No	Propane in A.H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard & Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Pushed Garbage / Packed Bins / Fill to Garbage / Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fleetcare	Garbage	4 TIL	

TOTAL COUNT OF HOUSEHOLD USERS: 95

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 1/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE** Plastic & Scrap.

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Fill to Capacity - Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	1 TTL	

TOTAL COUNT OF HOUSEHOLD USERS: 143

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 2/24 **TIME:** 8:10 **STAFF:** Paul / Struk A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Skunk
Other:	Yes / No	People in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
10:25	Private	Gan Resident.

OTHER COMMENTS / OBSERVATIONS Pushed Garbage - Packed Bins - Power Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 213

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☑ Lansdowne
☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar. 4/24 **TIME:** 8:20 **STAFF:** Steve A. / Al M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / birds
Other:	Yes / No	people in am

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930	Fletcher	household/recycle	1/2 & 1/2	✓
11:30	Fletche	hou 11	11	

TOTAL COUNT OF HOUSEHOLD USERS: 110

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Alln **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 5/24 **TIME:** 8:15 **STAFF:** Paul T / Steve A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Per Orchard Plastic + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fri - Cardboard + Plastic
Packed Bins - Garbage on Road.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	1/2 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 114

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins - Pushing Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 7/24 **TIME:** 8:10 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	People in A 4

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE
Tripped Bin For Tire Pickup.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Plastic Bin Delivered Wrong instead of Fri. (Carried Cindy) – Pushed Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 T/C	

TOTAL COUNT OF HOUSEHOLD USERS: 132

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Backhoe to Escott

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 8/24 **TIME:** 810 **STAFF:** Paul T / Julia M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1215	Plowate	Commercial Resident (Pierce St.)

OTHER COMMENTS / OBSERVATIONS Posted Garbage - Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 162

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Posted Bush.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 9/24 **TIME:** 8:10 am **STAFF:** Paul T / Julia M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Garbage at Gate — Pushed Brush
Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 202

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tatters

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 1/24 **TIME:** 8:00 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Back hoe to Escott to Pack Bins
Pushed Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 T/L	
	Prinato	Const	1/2 T/L	65.00
	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 119

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage – Packed Bins – Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 12/24 **TIME:** 810 **STAFF:** Paul / Jamie S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pen Orolia Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1 20	Private	GSE Queen St Gananoque

OTHER COMMENTS / OBSERVATIONS
Thurs Plastic + Scrap
Fri Cardboard + Paper

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Spread Garbage / Pulled Bins / Pushed Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 14/24 **TIME:** 810 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic + Scrap

DATES BINS WERE PICKED UP: / / Tire Pick up

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
	Private	Black Bags (Gov Contractor)

OTHER COMMENTS / OBSERVATIONS Pushed Cardboard - Brush - Hauls / Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 163

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 15/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	People in A-M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE** Paper + Cardboard

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Push Brush - Cardboard + Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Garbage	1/2 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: MAR 16/24 **TIME:** 8:10 **STAFF:** PAULT / STRUB A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS + RACCOONS
Other:	Yes / No	PEOPLE IN A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS PUSHED GARBAGE OVER BLUE IN PACKED BINS.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	PRIVATE	GARBAGE	1 T/L	CLEAN UP
	PRIVATE	"	1/2 T/L	65.00
	"	"	1/2 T/L	65.00
	"	"	1 T/L	CLEAN UP

TOTAL COUNT OF HOUSEHOLD USERS: 260

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PICK UP AROUND BINS

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. THOMPSON

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 18/24 **TIME:** 8:16 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pack Bins - Push Garbage + Leaves
Back hoe to Escott to Push Garbage -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	Village

TOTAL COUNT OF HOUSEHOLD USERS: 101

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 19/24 **TIME:** 810 **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A-H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pen Crokers Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Pri - Cardboard - Plastic - Scrap
Packed Bins -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 98

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: MAR 21/24 **TIME:** 8:10 **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS
Other:	Yes / No	PEOPLE IN A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
PACK BINS – FILL TO GARBAGE – PUSHED BRUSH
PUSHED GARBAGE.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	FLETCHER	GARBAGE	4 T/L	
	PRIVATE	CONST	1/2 T/L	65.00
	"	"	1/2 T/L	65.00
	"	"	1/2 T/L	65.00
	"	GARBAGE	1 T/L	CLEAN UP

TOTAL COUNT OF HOUSEHOLD USERS: 148

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PICK UP AROUND BINS

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. TROPKOND

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 22/24 **TIME:** 810 **STAFF:** Paul T / Ann M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propex in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard - Plastic -

DATES BINS WERE PICKED UP: / / Scrap Metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Garbage	1 T/C	Clean Up

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Pack Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 23/24 **TIME:** 800 **STAFF:** Paul T / Jonathan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Gulls
Other:	Yes / No	People in A-Mc

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Cardboard	1 load	Cardboard

TOTAL COUNT OF HOUSEHOLD USERS: 180

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Blowing Snow – Packing Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 25/24 **TIME:** 8:10 **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
	Private	Not our Township (Brush)

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Place Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Cardboard	4 T/C	Village PU
	Private	"	1 T/C	Clean Up

TOTAL COUNT OF HOUSEHOLD USERS: _____

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins - Pushed Cardboard

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: _____

SIGNATURE _____ **Print Staff Name:** P. Tasson

OFFICE USE:

Date Reviewed: _____ **Reviewer:** _____ **File Number:** _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 26/24 **TIME:** 8:00 **STAFF:** Paul T / Jamie S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in AH

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic + Paper

DATES BINS WERE PICKED UP: / / Electronic's

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Thurs - Cardboard.
Push Brush Back. - Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 28/24 **TIME:** 8:10 **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Brush + Leaves - Packed Bins - / Brought to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fulcher	Garbage	HTL	

TOTAL COUNT OF HOUSEHOLD USERS: 219

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 30/24 **TIME:** 8:10 **STAFF:** Paul T / Struck A

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A-M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Garbage - Packed Bins - Pushed Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Preston	Garbage	1 T/L	Clean Up

TOTAL COUNT OF HOUSEHOLD USERS: 289

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 2/24 **TIME:** 810 **STAFF:** Paul / Julia M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pen Ordered Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Thurs - Cardboard + Paper
Fri - Plastic + Scrap

COMMERCIAL HAULER OR LARGE LOADS Pushed Garbage - Brush + Leaves.

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	HTL	Visual P.U.
9:45	Private	Wood	S/T	✓

TOTAL COUNT OF HOUSEHOLD USERS: 218

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jackman

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 4/24 **TIME:** 8:10 **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A. M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back hoe to Escott to Pack Bins + Push Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4 TK	

TOTAL COUNT OF HOUSEHOLD USERS: 85

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins - Packed Bins. Pushed Layers. Fill to Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 5/24 **TIME:** 810 **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Scrap + Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Pushed Back M.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 149

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 6/24 **TIME:** 810 **STAFF:** Paul T / Julia M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Paper in D.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Cardboard - Packed Bins - Pushed Leaves - Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Cardboard	1 T/L	Clean Up -

TOTAL COUNT OF HOUSEHOLD USERS: 272

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: Pick up around Bins.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 8/24 **TIME:** 810 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
	Private	Double Axle Trailer Load

OTHER COMMENTS / OBSERVATIONS Pushed Garbage / Packed Bins
Pushed Brush & Leaves.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	No / Villager
	Private	"	1T/L	Yes / Clean Up

TOTAL COUNT OF HOUSEHOLD USERS: 113

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around compound.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 9/25 **TIME:** 810 **STAFF:** Paul T / Julie M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Red Glass Paper & Plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fri – Plastic & Paper
Pushed Brush – Leaves + Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Cash	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Terfford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 11/24 **TIME:** 8:00 **STAFF:** PAULT / STEVE A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS
Other:	Yes / No	Propane in A.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
	PRIVATE	NOT OUR TOWNSHIPS

OTHER COMMENTS / OBSERVATIONS PACK BINS – PUSHED LEAVES + GARBAGE.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	JETT	GARBAGE	4T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 97

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PICK UP AROUND BINS.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. TROTTO

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 12/24 **TIME:** 8:00 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:
Office Broken into - Called Chatham - Police came took Pictures & Dusted for Prints.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard & Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back hoe to Rescue to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 120

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins / Pack Bins - Push Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: Glass Co. Came to ~~Measure~~ Measure Window to order Glass

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 13/24 **TIME:** 8:10 **STAFF:** Paul T / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A-H

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pack Bins - Pushed Garbage
Pushed Brush & Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Garbage	1 TL	Clean Up
	"	"	1 TL	" "
1:04	Jet	construction waste	full bin	

TOTAL COUNT OF HOUSEHOLD USERS: 273

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April. 15/24 **TIME:** 8:30 **STAFF:** S. Allen / Al. Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats/ birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet	household recycle	1/2 household 1/2 recycle	✓
3:45	Private	construction	1/2 ton truck	GSB ticket ✓

TOTAL COUNT OF HOUSEHOLD USERS: 158

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE SAllen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April. 16 **TIME:** 8:30 **STAFF:** John S. / Steve. A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 16/04/24 Plastic / paper / OCC

DATES BINS WERE PICKED UP: 16/04/24 plastic / paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
350	Jet bins	fire cleanup	bin	✓

TOTAL COUNT OF HOUSEHOLD USERS: 122

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Ste All **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 18/2024 **TIME:** 8.15 Am **STAFF:** Allan McRae / Steve Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Shrink Wrap bin came in Wednesday.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1100	Jet bins	recycle household	1/2' 1/2	✓
900	"	"	"	✓
120	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 94

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: General Area / Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 19/2024 **TIME:** 8.15 Am **STAFF:** ALLAN McRAE / Steve ALLEN

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lower General area
Windblown Litter:	Yes / No	Around Bin / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	April 19/2024	Metal Bin.
DATES BINS WERE PICKED UP:	April 19/2024	Cardboard Bin / Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.45 Am	Jet / HOUSE FIRE	Materials	Bin Load	✓
4.00 pm	" / "	"	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: _____

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: General Area / Lower Area around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: _____

SIGNATURE _____ **Print Staff Name:** _____

OFFICE USE:

Date Reviewed: _____ **Reviewer:** _____ **File Number:** _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 20/24 **TIME:** 8:30 **STAFF:** Steve. A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / birds
Other:	Yes / No	people in Am

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:04	Private	construction waste	½ ton truck #65	✓

TOTAL COUNT OF HOUSEHOLD USERS: 318

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Sth Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 22/24 **TIME:** 8:00 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Backhoe to Escott. – Packers Bins – Pushed Garbage – Leaves & Blown.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Furtenek	Garbage	4T/L	Vicker
	Private	"	1T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 159

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 23/24 **TIME:** 810 **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic - Paper - Scrap.

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Pushed Brush & Leaves Thurs - Cardboard + Plastic.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 151

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 25/24 **TIME:** 810 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Plastic

DATES BINS WERE PICKED UP: / / Tires Pick up

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Recycling Bins – Pushed Garbage – Brush + Leaves –

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Fletcher	Garbage	4T/L	
	Percuta	"	1T/L	Clean up

TOTAL COUNT OF HOUSEHOLD USERS: 147

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 26/2024 **TIME:** 8:15 Am **STAFF:** ALLAN MCRAE / Julie M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	General Area / Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

- overnight in the Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 138

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: General Area / around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 27/24 **TIME:** 8:00 am **STAFF:** Paul T / Steve A

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	Propane in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushing Compactor – Brush – Leaves. Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
145	Private	construction	½ load ticket	✓

TOTAL COUNT OF HOUSEHOLD USERS: 301

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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...ITE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 29/24 **TIME:** 810 **STAFF:** Pruitt / Strura

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Posted Cameras - Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	~~Fortemos~~ J.M.	Garbage	4 T/L Village P.U.	/ No

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Brush Hog to Escape to Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 30/24 **TIME:** 810 **STAFF:** Paul T / Steve A / Jon S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Paper + Plastic

DATES BINS WERE PICKED UP: / / RPM Oil Containers

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Friday - Cardboard - Plastic - Scrap Pushed Brush + Cardboard - Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 114

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pickup around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 2/24 **TIME:** 8:10 **STAFF:** Paul / Alan M / Steve A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in A. M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Wood Chipper in May 1/24 + Thurs May 2
Packed Bins - Pushing Leaves + Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	JET	Garbage	4 T/L	
	Prevost	"	1 T/L	Cleaning up
	"	Const	1/2 T/L	65.00
	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 153

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 3/24 **TIME:** 810 **STAFF:** Paul T / Alan M / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	People in D.H.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard - Plastic - Scrap

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Posted Contact - Brush + Leaves - Packed Bin
Backhoe to Escott

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Peluath	Construction	12 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 162

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 4/23 **TIME:** 8:10 **STAFF:** Paul T / Steve A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Push. Cardboard - Brush + Leaves - Packed Bins -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Cardboard	1 TL	Clean up
	Private	garbage	trailer	tage/ clean up
	4	4	1 TL	130.

TOTAL COUNT OF HOUSEHOLD USERS: 284

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tarrono

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 6/2024 **TIME:** 8.15 AM **STAFF:** ALLAN M / Julie M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Part.
Windblown Litter:	~~Yes~~ / No	(Around Bins / and General Area)
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / ~~No~~	Birds and Cats
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
FAST EDDIE in too Grind Brush.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	Garbage / Regd	Truck Load	✓
	" "	" / "	" "	✓
	" "	" / "	" "	✓
	" "	" / "	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: ~~153~~ 154

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 7/24 **TIME:** 8:30 **STAFF:** Steve A. / John S. / Julie M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 05/07/24 Plastic / paper / OCC

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Cut out bail netting and wrap around backhoe driveshaft left from previous day. John in to take out of universal joint
Fast Eddy's in chipping

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 151

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 9/24 **TIME:** 8:25 **STAFF:** Al Mc. / Steve A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 05 / 04 / 24 Plastic / cardboard / Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fast EDDIE in chipping brush / (FRENCHIE) Brown GRAND PIX on Road allowance. (Suspicious Car)
OPP on Scene 3 hours, Car Towed by Campbell Towing

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:45	Jet	household/recycle	1/2 T/R	✓
9:40	private	construction	1 truck x2	#65x2
11:30	Jet	household/recycle	1/2 T/R	✓
12:47	"	"	"	"

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 10 2024 **TIME:** 815 Am **STAFF:** Allan McRae, Steve A, ~~[illegible]~~

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	General Area and Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats & Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:45	Resident from GAN	Non-Township Resident

OTHER COMMENTS / OBSERVATIONS (Dump pickers in).
Blow Backhoe rose on Rear Bucket.
1-Rejected Load from (GAN).

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 145

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: General Area & Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 11/24 **TIME:** 8:15 **STAFF:** Steve A. / Aaron. C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / birds / racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 254

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around general area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 13/24 **TIME:** 810 **STAFF:** Paul J / Alan M / Stuart

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	People in D.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Bins + Pushed Garbage - Brush & Leaves,

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet	Garbage	4 T/L	No Vehicle P.U.
	Prumar	"	1 T/L	Cleanup

TOTAL COUNT OF HOUSEHOLD USERS: 143

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 14/24 **TIME:** 810 **STAFF:** Paul T / Jonas S / Stephen A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 05/14/24

DATES BINS WERE PICKED UP: / /

TYPE Thursday scrap/Plastic Friday Paper/OCC

Full Crushed Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Garbage	1 2 T/L	C.S.00
	"	"	1 T/L	Clean Up

TOTAL COUNT OF HOUSEHOLD USERS: 129

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tarroco

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 16/24 **TIME:** 8:10 **STAFF:** Paul T / Steve A / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	Propane in A-M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Plastic + Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:30	Private	Gan Resident.

OTHER COMMENTS / OBSERVATIONS Pack Bins - Pushed Garbage - Lowers Bins!

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet	Garbage	4 T/L	
	Private	"	1 T/L	Clean up.

TOTAL COUNT OF HOUSEHOLD USERS: 167

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 17/24 **TIME:** 810 **STAFF:** Paul T / Alan M / Steve A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	People in A.M.

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Cardboard + Paper.

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packer Bins – Pushed Garbage – Brush & Leaves / Backhoe to Escott

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Prisatte	Garbage	1/2 T/L	65.00
	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 195

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 18/24 **TIME:** 8:10 **STAFF:** Paul T / Steve A

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage - Brush - Leaves - Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Private	Const	1/2 T/L	65.00
	"	"	1/2 T/L	65.00
	"	Garbage	1 T/L	Clean Up.
	"	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 325

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 21/24 **TIME:** 810 **STAFF:** Paul T / Justin M / Steve A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	Propane in A. Ma

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE** Plastic & Paper

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pack Bins – Push Garbage Leaves & Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Sirt	Garbage	4T/L	Vicinity PU
	Private	Garbage	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 196

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 23/24 **TIME:** 8:10 **STAFF:** Paul T / Alan M / Erick A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Raccoons
Other:	Yes / No	People in A.M

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Garbage Pushed - Bins Placed Back Mon to Escott

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet	Garbage	4T/C	

TOTAL COUNT OF HOUSEHOLD USERS: 175

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trombley

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 24/23 **TIME:** 8:30 **STAFF:** Allan Mc. / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / raccoons
Other:	Yes / No	people in Am

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 05/24/23 OCC / scrap metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS flat tire on Trailer.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 184

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allan McRA **Print Staff Name:** Steven Allan McRA

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 25/24 **TIME:** 8:20 **STAFF:** Steve A. / Aaron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats /
Other:	Yes / No	people in Am

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Hit post with backhoe and knocked it out of the concreat

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10.00	Private	Siding (construcit	1/2 truck	✓ GS
11:00	private	shingles (construction)	1/2 truck	✓ GS

TOTAL COUNT OF HOUSEHOLD USERS: 274

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 27 / 24 **TIME:** 8:20 **STAFF:** Al Mc. / Steve A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- (2) falls. (Brock Gorrell.) & another man. no injuries.
- flat Tire on dumptrailer.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	Garbage / Recycle	Truck Load	✓
	" "	" / "	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 132.

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Alan McRae **Print Staff Name:** ALAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 28/24 **TIME:** 8:15 **STAFF:** Steve A. / ~~Julie M.~~ John S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cat / raccoons
Other:	(Yes) / No	people in Am

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 05/28/24 **TYPE** Paper / Plastic / scrap / OCC

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Company in doing well samples
tirecraft in to repair another nail hole in trailer tire
R&E picked up a load of tires

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:07	resident	Junk	1/2 truck $65	✓

TOTAL COUNT OF HOUSEHOLD USERS: 149

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / main area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Steve Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 30/2024 **TIME:** 8.15 am **STAFF:** ALLAN McRae / STEVE.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: MAY/28/2024 **TYPE** Plastic Bin / Cardboard Bin.

DATES BINS WERE PICKED UP: May/30/2024 Plastic Bin / Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
3:30	MYERS Roofing	double axle trailer of shingles

OTHER COMMENTS / OBSERVATIONS

- Leeds County III Loads of Garbage from Along side Roads.
- Backhoe in for Service. (Wednesday May 29/2024)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10.00 Am	Jet Bins	½ Recycle / ½ Landfill	Truck Loads	✓
10:16 am	Art morrow	½ truck / Gypsum	½ truck	✓
12 00 Noon	Jet Bins	½ Recycle / ½ Landfill	Truck Load	✓
2 30 pm	Jet Bins	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 154

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May. 31/24 **TIME:** 8:20 **STAFF:** Steve A. / Al Mc.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats/ raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 05/31/24 Paper Bin / Metal Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
blue ford ranger refusing to take brush to pile (577-3TD)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 172

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / general area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 1/2024 **TIME:** 8:15 AM **STAFF:** ALLAN MCRAE / Aaron C

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins & General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 296

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 3/2024 **TIME:** 8.15 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins and general Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats & Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: June / 3 / 2024 **TYPE** Plastic Bin / Paper Bin / Cardboard Bin / 1-metal Bin.

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS:

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
HH	Jet Bins	Recycle / Landfill	Truck Load.	✓

TOTAL COUNT OF HOUSEHOLD USERS: 159

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June. 4/24 **TIME:** 8:20am **STAFF:** Steve A / Aaron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats/ birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 06/04/24 plastic / paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
moved pile of garbage so packer could get to it easier

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:30pm	Resident	construction	1/2 ton truck 1/2 load & C05	✓
2:38pm	Resident	construction	1/2/1/2 tom & C05	✓

TOTAL COUNT OF HOUSEHOLD USERS: 151

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around plastic bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 6/2024 **TIME:** 8.15 am **STAFF:** ALLAN MCRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins and General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
111	Jet	1/2 household 1/2 recycle	1/2 H / 1/2 R	✓
4:17pm	Resident ANDY COOKE	construction	1/2 load & C05	✓

TOTAL COUNT OF HOUSEHOLD USERS: 158

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 7/2024 **TIME:** 8.15 AM **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins and General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats & Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	June 03/2024	metal / Plastic / Paper / Cardboard.
DATES BINS WERE PICKED UP:	June 07 2024	metal / Paper / Cardboard.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
(4) Tagged fridges from Portal.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 186

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 8/2024 **TIME:** 8.15 am **STAFF:** ALLAN McRae / Julie M.

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins and General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Two Asian Guys in Put Cardboard in recycling bins. been told to put it in the right bins several time, and late a[illegible] the last time

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 314

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 10/2024 **TIME:** 8.15 am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	along ditches.
Windblown Litter:	Yes / No	around bins and General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1111 Loads	Jet Bins 1111	½ Recycle / ½ Landfill	Truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 142

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June. 11/24 **TIME:** 8:15 am **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06 / 11 / 24 scrap / paper / plastic / OCC

DATES BINS WERE PICKED UP: 06 / 11 / 24 plastic / paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
cover put out for packer

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 142

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins in general area / around bins in lower section

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 13/2024 **TIME:** 8.15 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: June 13/2024 metal.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
oil containers from Lyndhurst wastsite

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:30	Jet	household recycle	1/2 R / 1/2 H	✓
12:30	"	"	"	✓
3:00	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 141

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 14/2024 **TIME:** 8.15 am **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	around Landfill.
Windblown Litter:	Yes / No	around Bins and General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: July 11 / 2024 **TYPE** Plastic Bin & Cardboard Bin.

DATES BINS WERE PICKED UP: June / 14 / 2014 Plastic Bin & Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 155

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 15/2024 **TIME:** 8.15 Am **STAFF:** ALLAN MCRAE / Aaron

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Around Brush Pit
Windblown Litter:	Yes / No	Around Bins & General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 264

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 17/2025 **TIME:** 8.15 AM **STAFF:** ALLAN MCRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Around Base of Landfill.
Windblown Litter:	(Yes) / No	Around Bins and General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds and Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
III	Set Bins "Village".	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 155

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins and General area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June. 18/24 **TIME:** 8:20 **STAFF:** Steve A. / Arron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06/18/24 Plastic / paper - Automatic pickup

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
10:00am	private	Load of tires coming from Gan High school

OTHER COMMENTS / OBSERVATIONS
R&E stopped and picked up some tire to fill the truck

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 141

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stadlh **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 20/2024 **TIME:** 8.15 am **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: June / 18 / 2024 **TYPE** Cardboard Bin / Scrap Metal

DATES BINS WERE PICKED UP: June / 20 / 2024 Cardboard Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10.30 pm	Jet Bins	½ Recycle / ½ Landfill	truck Load	✓
1.00 pm	" "	" "	" "	✓
2 pm	" "	" "	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 191

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June / 2024 **TIME:** 8:15 AM **STAFF:** ALLAN McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: June / 21 / 2024 Plastic / Paper and Metal Bins

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
20 OLD R.R. Rodger HEATH / Household Cleanup Card + 2x 65.00

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 176

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 22/2024 **TIME:** 8.15am **STAFF:** Allan McRae / April 5.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 255

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Arounds Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June.24/24 **TIME:** 8:30 **STAFF:** Allan Mc. / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS (called Dave A.M)
- flat tire on Red Trailer.
- Bryant @ Sets Bins (Attitude).

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
III	Jet	Household Recycle	1/2 H / 1/2 R	

TOTAL COUNT OF HOUSEHOLD USERS: 134

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Arounds Bins / and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 25/24 **TIME:** 8:30 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / Raccoons / cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06 / 25 / 24 Paper / plastic automatic pickup

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
trailer tire needed to be replaced
use backhoe to take garbage to pile all day

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:30am	Resident	construction	truck load $65 x2	✓
11:05	Resident	constroustion	½ truck load $65	✓

TOTAL COUNT OF HOUSEHOLD USERS: 179

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / general area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June / 2024 **TIME:** 8.15 am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats and Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:00am	Jet	Household Recycle	1/2R/1/2N	✓
11:30am	Jet	"	"	
12:45pm	"	"	"	
2:40	"	"	"	

TOTAL COUNT OF HOUSEHOLD USERS: 212

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 28/2024 **TIME:** 8.15 **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins & General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Cats
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	June 25/2024	Paper, Plastic, & Cardboard bins
DATES BINS WERE PICKED UP:	June 21/2024	" , " , & " "

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 189

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 29/2024 **TIME:** 8.15am **STAFF:** ALLAN MCRAE / ARON

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats, Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Very windy and hard driving Rain.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 214

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July.2/24 **TIME:** 8:25am **STAFF:** Steve A / Julie Mc.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06/25/24 plastic / paper / OCC

DATES BINS WERE PICKED UP: 07/2/24 plastic / paper / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
~~TTH~~	Jet (village)	1/2 household 1/2 recycle	truck	✓

TOTAL COUNT OF HOUSEHOLD USERS: 241

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / general area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 4/2024 **TIME:** 8.15 am **STAFF:** ALLAN MCRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
→ Blew Hose on Backhoe in Escott (3:05pm)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
4 times	Set Bins	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 230

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 5/2024 **TIME:** 8.15 pm **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: July 4/2024 Paper Bin.

DATES BINS WERE PICKED UP: July 5/2024 Paper Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 215

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 6/2024 **TIME:** 8.15 am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bin, General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe broke Recycle overy where !!...

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 291

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 8/2024 TIME: 8.15am STAFF: ALAN MCRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins & General
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats, Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	July 4/2024	Paper Bin /
DATES BINS WERE PICKED UP:	July 8/2024	Paper Bin /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Major clean-up around Bins
Plastic and cardboard, Backhoe Broke!

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 205

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Areas

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 9/24 **TIME:** 8:20 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / general area
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	cats / birds

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 07/08/24 plastic x2

DATES BINS WERE PICKED UP: 07/09/24 plastic x2

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
contacted managment to order electronics bin

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 186

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / general area / along road way

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 11/2024 **TIME:** 8:20 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
July 11	Jet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 157

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: "Rain"

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 12/2024 **TIME:** 8.15 Am **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lower Area.
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: July 12/2024 Cardboard / Paper and Plastic.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 127

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July / 2024 **TIME:** 8.15AM **STAFF:** ALLAN McRAE / ARON

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / and General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats, Birds and Racoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Jeff OLMSTEAD - Tryed to dump a load of Drywall in a full P/U for a $65.00 tag, I Told him, he needed a $130.00 tag he tied about the load, said he wasn't a contractor / but as a Drywall contractor!!

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 250

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July / 2024 TIME: 8.15 Am STAFF: Allan McRae / Steve O

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lowered up at Landfill
Windblown Litter:	Yes / No	Around Bins and General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Racoons and Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe Stabilizer Dropped again, this TIME STEVE was operating it. flat tire on Dump truck

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	Truckload	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 154

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: Rain.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July. 16/24 **TIME:** 8:20 am **STAFF:** Steve A. / Arron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Raccoons / cats / birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

	TYPE
DATE BINS WERE ORDERED: 06/15/24	OCC
DATES BINS WERE PICKED UP: 06/16/24	plastic / paper / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Tyler was notified and came in and looked at Kent Poston July. 16/24 at 10am

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 138

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July / 2024 **TIME:** 8.15 Am **STAFF:** ALLAN McRae / ALLAN McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bin and General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds, Cats and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: July 16 / 2024 **TYPE** Plastic, Paper and Cardboard

DATES BINS WERE PICKED UP: July 19 / 2024 Cardboard, Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
← Fast EDDIE on Too take Black Dump Truck.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
800 Am	Set Bins	½ Recycle / ½ Landfill	Truck Load	✓ ✓

TOTAL COUNT OF HOUSEHOLD USERS: 203

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 19/2024 **TIME:** 8.20 AM **STAFF:** ALLAN McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around bins & General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 166

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 20/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRae / April J.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bin and General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 268

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 22/2024 TIME: 8.15 STAFF: ALLAN MCRAE / SteveA

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins & General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: July 22/2024 Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bin	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 190

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July. 23/24 **TIME:** 8:20 am **STAFF:** Steven A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 07/23/24 Paper/plastic (automatic p/U)

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 170

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Ste. Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 25 2024 TIME: 8.20 STAFF: ALLAN McRAE / STEVE A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins & General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: July 25/2024 TYPE Plastic Bin / Paper Bin.

DATES BINS WERE PICKED UP: July 26/2024 Plastic Bin / Paper Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

- Roads in to spray Roadways.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	½ Recycle / ½ Landfill	Truck Load	✓✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 175

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 26/2024 **TIME:** 820 am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins and General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds and Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / / Paper Bin, Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 172

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 27/2024 TIME: _____ STAFF: _____

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins & General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 252

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins & General Area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic: _____

SIGNATURE Allan McRae Print Staff Name: ALLAN McRae

OFFICE USE:

Date Reviewed: _____ Reviewer: _____ File Number: _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 29/2024 **TIME:** 8 15 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 184

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July. 30/24 **TIME:** 8:20 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Geneal area / around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / raccoons / cats
Other:	(Yes) / No	people in after hours / stuff left at gate

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 07 / 30 / 24 paper / plastic (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Tyler in with loader to push brush/scrap/garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 165

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Sth dh **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 1/2024 **TIME:** 8.15 Am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins & General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	July 30/2024	Paper Bin, Scrap Metal
DATES BINS WERE PICKED UP:	Aug 1/2024	Paper Bin, Scrap Metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
R&E in for a load of tires

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 171

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 2/24 TIME: 8:20 STAFF: Steve A. / Aaron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / raccoons / cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	07/30/24	Plastic / OCC
DATES BINS WERE PICKED UP:	08/02/24	plastic / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 183

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE StnAllh Print Staff Name: Steven Allen

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 3/24 **TIME:** 8:20 **STAFF:** Steve A/ April J.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 285

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE StrAllh **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL
DAILY INSPECTION FORM

DATE: Aug. 6/24 TIME: 8:20 STAFF: Steve A / Julie M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 08/05/24 plastic / paper (automatic p/U)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11	Jet	household recycle		✓

TOTAL COUNT OF HOUSEHOLD USERS: 229

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: (Yes) / No

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] Print Staff Name: Steven Allen

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 8/24 **TIME:** 8:20 **STAFF:** Steve A. / Aaron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 08/06/24 plastic

DATES BINS WERE PICKED UP: 08/08/24 plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe returned Wed. Aug. 7/24

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1111	Jet	house hold recycle		✓

TOTAL COUNT OF HOUSEHOLD USERS: 211

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE SAllen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 9/24 **TIME:** 8:20 **STAFF:** Steve A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area / along roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 08/06/24 plastic / paper / OCC

DATES BINS WERE PICKED UP: 08/09/24 plastic / paper / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 128

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Sta Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 10/24 TIME: 8:21 STAFF: TRISH B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 346

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE S.H **Print Staff Name:** Spencer Healey

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 12/24 TIME: 8:20 STAFF: Al Mc. / Steve A.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: TYPE

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2	Jet	house recycle		✓

TOTAL COUNT OF HOUSEHOLD USERS: 196

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stn dh Print Staff Name: S Steve Allen

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 13/24 **TIME:** 8:15 **STAFF:** Steve A. / Julie M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 08 / 13 / 24 plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
RPM in for oil container's

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 159

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steve Allen **Print Staff Name:** Steve Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 15/2024 **TIME:** 8 20 am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	along Roadway / Around Bins /
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats / Raccoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

Aug 14 / Scrap Bin picked up

RECYCLING:

DATE BINS WERE ORDERED: Aug 13 2024 / / **TYPE** Plastic / Paper / Cardboard.

DATES BINS WERE PICKED UP: aug 15 / 2024 Plastic
aug 26 / 2024 Cardboard / Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

electronic Bin finally Picked up.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Lot Bins x4	1/2 Recycle / 1/2 Landfill	truck Loads	✓✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 226

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: General Area /

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: (Yes) / No

If Yes, complaint file number(s) and topic: conflict with (Kelly Hodge).

SIGNATURE _____ **Print Staff Name:** _____

OFFICE USE:

Date Reviewed: _____ **Reviewer:** _____ **File Number:** _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 16/2024 TIME: 8.20 am STAFF: Allan McRae / STEVE A)

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds /
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 236

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 17/2024 **TIME:** 8:20 AM **STAFF:** Allan McRae / Carron

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lower Level.
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 238

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 19/2024 **TIME:** 8 20 AM **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats / Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bin.	1/2 Recycle / 1/2 Landfill.	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 137

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 20/24 **TIME:** 8:15 am **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / raccoons / cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe greased

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 164

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug.22/24 **TIME:** 8:20 am **STAFF:** Steve A / Arron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	08/20/24	OCC
DATES BINS WERE PICKED UP:	08/22/24	OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
backhoe in for repair (stabalizer arm ram leaking)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet	household recycle	truck	✓✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 148

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 23/24 TIME: 8:20 am STAFF: Steve A. / Arron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water: (Yes) / No
Windblown Litter: (Yes) / No
Leachate Springs: Yes / (No)
Animals: (Yes) / No
Other: Yes / No

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: TYPE

DATE BINS WERE ORDERED: 08/20/24 plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Roads Backhoe dropped off for us to use for a bit

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 188

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Sth Allen Print Staff Name: Steven Allen

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 24/2024 **TIME:** 8:15 **STAFF:** Allan McRae / Aaron.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

✓ T.I.A in today with Truck and Trailer Load!

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 26

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 26/2024 TIME: 8 15 Am STAFF: Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 183

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 27/24 **TIME:** 8:30 am **STAFF:** Steven A / Aaron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	around bin / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 08/26/24 plastic

DATES BINS WERE PICKED UP: 08/27/24 plastic x2 / scrap / paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stallen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 30/2024 TIME: 8 20 am STAFF: Allan McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: Aug 30/2024 Card board.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	~~Bin~~ Jet Bins	1/2 Recycle / 1/2 Landfill	TRUCK Load	✓✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 181

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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DAILY INSPECTION FORM

DATE: August 3/2024 **TIME:** 8 20 am **STAFF:** ALLAN MCRAE / STEVE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 220

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 31/2024 TIME: 8:20 AM STAFF: ALLAN McRAE.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:00pm	Craig Renalds	Tandem Trailer / furniture and waste

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 294

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 3/24 **TIME:** 8:30 am **STAFF:** Steve A/ Julie Mc.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	raccoons/ birds, cats kittens 3 gone away
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 09/03/24 plastic/paper (automatic) OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 269

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE S Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 5/2024 TIME: 8.20 am STAFF: ALLAN McRae / STEVE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats & Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
✓✓✓	Jet Bins	½ Recycle / ½ Landfill	truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 161

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 6 / 2024 TIME: 8:15 am STAFF: ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 178

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 17/2024 TIME: 8.5 Am STAFF: Allan McRae / Carson.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Rained over nite / in the Morning
Windblown Litter:	(Yes) / No	Around Bins.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 238

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DIS...
DAILY INSPECTION FORM

DATE: Sept / 2024 TIME: 8.15 Am STAFF: ALLAN McRAE / STEVE, A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Rain Water.
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS - E360s Came and Took Shrink Wrap Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
village	Jet Bins	½ Recycle / ½ Landfill	truck load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 10/24 TIME: 8:30 am STAFF: Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	rain water
Windblown Litter:	Yes / No	around bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats / raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 08 / 10 / 24 paper / plastic (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 142

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins, back, exit, entrance

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allen Print Staff Name: Steven Allen

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 12 / 2024 TIME: 8 20 Am STAFF: ALLAN McRAE / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 09 / 10 / 24 plastic / scrap steel / OCC

DATES BINS WERE PICKED UP: 09 / 12 / 24 plastic / scrap steel / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
VVV	Jet	recycle & household		✓

TOTAL COUNT OF HOUSEHOLD USERS: 167

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 13/2024 **TIME:** 8:20 am **STAFF:** Aaron Chapman / Wayne T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / general area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, racoon, vultures
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 172

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / general area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Aaron Chapman **Print Staff Name:** Aaron Chapman.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 14 / 2024 **TIME:** 8:20 am **STAFF:** Aaron Chapman / Wayne. T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / general area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats, vultures
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
BP47634 Aaron asked where from, wouldn't tell me, and argued about never being asked.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 265

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: general area / around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] **Print Staff Name:** Aaron Chapman

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 16/2024 **TIME:** 8.29 Am **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/3 Recycle / 1/3 Landfill	Truckload	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 137

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 17/24 **TIME:** 8:15 am **STAFF:** Steve A / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bin / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 09/16/24 plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 127

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 19/24 **TIME:** 8:30 **STAFF:** Steven A / Allan Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 09/17/24 scrap metal / OCC

DATES BINS WERE PICKED UP: 09/18/24 scrap / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Greased backhoe

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	½ Recycle / ½ Landfill	Truck Load	✓✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 144.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 20/2024 **TIME:** 8.20am **STAFF:** Allan McRae / Aaron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: Sept 20/2024 Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Went too Escott, Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 155

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 21/2024 **TIME:** 8:15 Am **STAFF:** Allan McRae / Wayne T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 343

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 23/24 **TIME:** 8:20 **STAFF:** Steve A / Allan Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cat / raccoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	½ Garbage / ½ Recycle	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 126.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McCoo **Print Staff Name:** Allan McCoo

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 24 2024 **TIME:** 8:30 **STAFF:** Julie / Wayne

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats, racoons.
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 9/24/24 Plastics

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:00	Nash	wood/garbage	Trailer $65.00	

TOTAL COUNT OF HOUSEHOLD USERS: ~~168~~ 170

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Picked up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Wayne Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 25/2024 **TIME:** 8 20 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 27/2024 **TIME:** 8:20 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Sept/26/2024 Metal Bin.

DATES BINS WERE PICKED UP: Sept/27/2024 Metal Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 141

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 28/2024 **TIME:** 8 20 am **STAFF:** ALLAN M / WAYNE T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 338

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 1 **TIME:** 8:10 **STAFF:** Steve Jude

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 10/01/24 plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 237

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: General area / around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 3/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Oct / 1 / 2024	Plastic Bin / Cardboard Bin.
DATES BINS WERE PICKED UP:	Oct / 3 / 2024	Plastic Bin / Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 Am	Jet Bins	½ Recycle / ½ Landfill	Truck Load.	✓

TOTAL COUNT OF HOUSEHOLD USERS: 201

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 4 / 2024 **TIME:** 8 15 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 138

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 5 / 2024 **TIME:** 8:15 Am **STAFF:** Allan McRae / Aaron C

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

(Colin) - Maroon (Dodge) Truck 30.00 household Tag for a Truck Load of Const waste (NO) Told him he needs a P/U Truck Tag.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 261

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: (Colin)

SIGNATURE Allan McRae **Print Staff Name:** Allan McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 7 / 2024 **TIME:** 8:15 am **STAFF:** ALLAN McRAE / STEVE A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set bins	Recycle / Landfill	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 8/24 **TIME:** 8:20 **STAFF:** Steven A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cat/raccoon
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 10 /08/24 paper / plastic (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
called for tire pickup
3 loads of tires came from Lyndhurst waste site

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 132

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Stn dlm **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 10/2024 **TIME:** 8 15 AM **STAFF:** ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	OCT/8/2024	Metal / Cardboard
DATES BINS WERE PICKED UP:	OCT/10/2024	Metal / Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fast Eddie in to Compact Landfill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓ ✓ ✓

TOTAL COUNT OF HOUSEHOLD USERS: 154

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 11/2024 **TIME:** 8 20 am **STAFF:** Allan McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Racoons / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	09/8/2024	Paper Bin / Plastic Bin
DATES BINS WERE PICKED UP:	09/11/2024	Paper Bin / Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 210

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 12/2024 **TIME:** 8 15 am **STAFF:** Allan McRae / Wayne

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 312.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 15/24 **TIME:** 8:30 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	10/15/24	Plastic / paper / OCC for Friday
DATES BINS WERE PICKED UP:	10/15/24	plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 240

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 17/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 173

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Arounds Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 18/2024 **TIME:** 8:15 AM **STAFF:** ALLAN McRAE / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Oct/18/2024 metal

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
opened up the leaf Pit. / Opened up the brush Pit.
backhoe greased

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 170

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 19/24 **TIME:** 815 **STAFF:** Steve A. / Aaron C.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 244

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 21/2024 **TIME:** 8:15 AM **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	10 / 10 / 24	scrap metal
DATES BINS WERE PICKED UP:	10 / 21 / 24	scrap metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet (village)	Household Recycle		

TOTAL COUNT OF HOUSEHOLD USERS: 150

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 22/24 **TIME:** 815 **STAFF:** Steve A / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 186

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 24/2024 **TIME:** 8 20 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins / General area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: OCT/22/2024 Plastic Bin / Cardboard.

DATES BINS WERE PICKED UP: OCT/24/2024 Plastic Bin / Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Iet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓ ✓

TOTAL COUNT OF HOUSEHOLD USERS: 173

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins / General area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 25/2024 **TIME:** 8 20 Am **STAFF:** Allan McRae / STEVE.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Oct 22 / 2024	Paper Bin.
DATES BINS WERE PICKED UP:	Oct / 25 / 2024	Paper Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 153

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 26/2024 **TIME:** 8:15 Am **STAFF:** Allan McRae / Wayne.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cat / Birds and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 295

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins and General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 28/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE / STEVE.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
ELECTRONIC Bin Emptied / TIA (Jim COTE) came in with Shoal Markers.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 163

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 29/24 **TIME:** 8:15 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / raccoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 10/28/24 metal/OCC

DATES BINS WERE PICKED UP: 10/29/24 metal/OCC

10 29/24 Plastic/mixed paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Electronics bin in on Oct. 28/24 at 4:30 pm

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 31/2024 **TIME:** 8:15 Am **STAFF:** Allan McRae / Steve

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Racoon.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Oct/29/2024 **TYPE** (2) Plastic Bin's / Paper Bins

DATES BINS WERE PICKED UP: Oct/31/2024 Plastic Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 146

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 1 / 2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE / STEVE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	down around Bins (Lower Level)
Windblown Litter:	Yes / No	around Bins / Lower Level
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cat / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: Nov/1 /2024 Plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 2/2024 **TIME:** 8:20 am **STAFF:** ALLAN MCRAE / Aaron

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Level around Bins
Windblown Litter:	(Yes) / No	Around Bins / General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 296

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area,

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 4/2024 **TIME:** 8:15 AM **STAFF:** ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load.	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 5/24 **TIME:** 8:20 **STAFF:** Steve A / Julie Mc

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	11 /04/24	OCC
DATES BINS WERE PICKED UP:	11 /05/24	plastic (automatic) / OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
backhoe Greased

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 168

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Sta alln **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov / 2024 **TIME:** 8:15 Am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:30	Jet Bin	Recycle household	Truck Load.	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 134

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 8/2024 **TIME:** 8:15 AM **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

	TYPE
DATE BINS WERE ORDERED: Nov/5/2024	Plastic Bin / Scrap Metal / Paper Bin
DATES BINS WERE PICKED UP: Nov/8/2024	" " " " / " "

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Russ Currie's son was giving "us" attitude about going up the hill. I said it was bad up there, he said quit give his dad attitude. He was having a bad day. His dad said too his son enough of the attitude towards "US"!

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 149

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic: _____

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE

OFFICE USE:

Date Reviewed: _____ **Reviewer:** _____ **File Number:** _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 9/2024 **TIME:** 8:15 Am **STAFF:** Allan McRae / Wayne T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 306

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 12/24 **TIME:** 8:10 **STAFF:** Julie M. Donald

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

cold sunny

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 11/12/24 plastic paper tied / amelia

DATES BINS WERE PICKED UP: 11/12/24 paper, corrugated plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 252.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Julie M. Donald **Print Staff Name:** Julie M. Donald

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 14/2024 **TIME:** 8:15 AM **STAFF:** Allan McRae / Aaron.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	-2
Animals:	Yes / No	Cats / Raccoons / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Iet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 194.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 15/2024 **TIME:** 8'15 Am **STAFF:** Allan McRae / Aaron.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Nov/12/2024 **TYPE** Cardboard Bin / Metal Bin ordered fri/mon P/4

DATES BINS WERE PICKED UP: Nov/15/2024 Plastic Bin. / Paper Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 157

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 16/2024 **TIME:** 8:20 Am **STAFF:** Allan McRae / Aaron

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 272

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov / 2024 **TIME:** 8 15 Am **STAFF:** ALLAN McRae / STEVE.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: Nov / /2024 Metal Bin / Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 140

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 19/24 **TIME:** 8:30 **STAFF:** Steve A

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 19 / 11 / 24 paper / plastic (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
broke into nothing taken.
pryed open dead bolt with bar. Johnathan contacted and pictures taken

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 110

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Steve Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 21/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE / STAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 114

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 22/24 **TIME:** 8:15 **STAFF:** Steve A. / Al Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lower Level area.
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	birds / cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 11 / 19 / 24 plastic / paper / scrap metal

DATES BINS WERE PICKED UP: 11 / 22 / 24 plastic / paper / scrap metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 108

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 23/2024 **TIME:** 8:15 AM **STAFF:** Allan McRae / Wayne T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Area.
Windblown Litter:	(Yes) / No	Around Bins and General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 348

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 25/2024 **TIME:** 8'15 AM **STAFF:** ALLAN McRae / STEVE A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Level.
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Nov/25/2024 Cardboard Bin.

DATES BINS WERE PICKED UP: Nov/25/2024 Cardboard Bins

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	1 Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 146

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 26/24 **TIME:** 8:15 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower area
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 11 /26/24 plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Moved cover material for Fast Eddie's guy to cover exposed land fill / Called to get ewaste bin ordered for end of next week
R*E picked up tires

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 84

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Sth alh **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 28/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRae / STEVE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Area.
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	truckload.	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 99

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 29/2024 **TIME:** 8 15 Am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Lower Area.
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Nov/26/2024	Metal / Plastic / Paper / Cardboard
DATES BINS WERE PICKED UP:	Nov/29/2024	Metal / Plastic / Paper / Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 146.

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 30/2024 TIME: 820 AM STAFF: ALLAN McRAE / Aaron

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Lower Level
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

- Henderson came delivered Hi Hoe and Bobcat @ 100pm Saturday.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
☆ 1230	Adams (Dad/father & Son	Tandem Load Tire	40+ Tires	✓ (10)
	came back with			(10) more.

TOTAL COUNT OF HOUSEHOLD USERS: 246

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins General Area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 2/2024 **TIME:** 8 20 am **STAFF:** Allan McRae / Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	Yes, Lower Level.
Windblown Litter:	Yes / No	Around bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bin.	½ Recycle / ½ Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 118

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN MCRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 3/24 **TIME:** 8:20 **STAFF:** Steve A. / Julie Mc.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 03/12/24 plastic/paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Tenants in to fix post
Henderson Construction started digging test holes

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 113

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins / along roadway, down the road west side of landfill w/ loader.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Steve Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 5/2024 **TIME:** 8:15 AM **STAFF:** ALLAN McRae / Aaron.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Henderson in to test Holes

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
915	Set Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 96

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: Plow / Shovel and Salt Comon Area's.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 6/2024 TIME: 8:20 Am STAFF: ALLAN MCRAE / ~~[illegible]~~ EVA.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bin / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Dec 3/2024 Paper Bin / Plastic Bin.

DATES BINS WERE PICKED UP: Dec 6/2024 Paper Bin / Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Orange Tractor Leaking Oil out of Exhaust.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 118

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: Salt on Walkway.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN MCRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec / 2024 **TIME:** 8:20 AM **STAFF:** Allan McRae / Aaron.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Henderson Came and picked up their Equipment.
- Orange Tractor out of Commission Day #1

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 210

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF ~~DUST~~ SUPPRESSANT: Yes / No

DETAILS: Salt on Walkway.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 9/2024 **TIME:** 8:15 am **STAFF:** Allan McRae / Steve / Aaron C.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 12/06/24 metal

DATES BINS WERE PICKED UP: 12/09/24 metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Orange tractor floated to shop for repairs
Clarence into sand 2x

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bin	½ Recycle / ½ Landfill	Truck Load	✓✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 90

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec.10 X24 **TIME:** 8:20 **STAFF:** Steve A. / Julie M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bin
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	cats / birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 12 / 10 / 24 plastic / paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Clarence in to sand

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 99

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 12/24 **TIME:** 8:15 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 12/10/24 OCC

DATES BINS WERE PICKED UP: 12/12/22 OCC

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
E-waste bin picked up 12/12/24
organic bin missing

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:17	Jet bins	household/recycle	3ton dump	✓
	"	"	"	✓
	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: ~~[illegible]~~ 113

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / (No)

DETAILS: too windy and all alone

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 13/2024 **TIME:** 8:15 Am **STAFF:** ALLAN McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Dec 10/2024 Plastic Bin, Paper Bins.

DATES BINS WERE PICKED UP: Dec 13/2024 Plastic Bin, Paper Bins.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS - Orange TRACTOR still Not Repaired.
- Loaner Tractor came in today (JD).

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 138

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 14/2024 **TIME:** 8 15 Am **STAFF:** Allan McRae / Aaron.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 240

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 16/2024 TIME: 8 20 am STAFF: ALLAN McRAE / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Asked Bryant too not dump close to the Roadway he drove off in a "fit" arms a wailing.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	½ Landfill / ½ Recycle.	Truck Load.	✓ ✓ ✓

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins

APPLICATION OF ~~DUST~~ SUPPRESSANT: (Yes) / No

DETAILS: Ice Control / Sand "Clarence" in.

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 17/24 **TIME:** 8 15 am **STAFF:** Steve A. / Julie Mc

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / General area
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 12/17/24 plastic/paper (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 160

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around bins / General area

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 19/2024 **TIME:** 8:20 AM **STAFF:** Allan McRae / STEVE A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Dec 17/2024 Cardboard / Metal Bins.

DATES BINS WERE PICKED UP: Dec 19/2024 Cardboard/Metal Bins

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 AM	Jet Bin	1/2 Recycle / 1/2 Landfill	Truck Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 115

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF ~~DUST~~ Salt SUPPRESSANT: Yes / No

DETAILS: Sand Clarence in too Sand.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 20/2024 TIME: 8 20 AM STAFF: ALLAN McRae / STEVE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds / Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 134

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: ALLAN McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 21/2024 TIME: 8:15 AM STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 279

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF ~~DUST~~ SAND SUPPRESSANT: Yes / No

DETAILS: Plow Snow with Backhoe / Sand main area by Hand.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 23/2024 **TIME:** 8 10 am **STAFF:** ALLAN McRAE / STEVE

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Dec/20/2024 Cardboard Bin.

DATES BINS WERE PICKED UP: Dec/23/2024 Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe hard Start / Green S/D Did not start

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Jet Bins	1/2 Recycle / 1/2 Landfill	Truck Load	✓✓

TOTAL COUNT OF HOUSEHOLD USERS: 181

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 24/24 **TIME:** 8:15 **STAFF:** Steve A. / Aaron C.

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / (No)	Closed 12 noon
Windblown Litter:	Yes / (No)	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	seagulls
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 12 / 24 / 24 paper / plastic (automatic)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
plowed roadway with backhoe

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 44

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: salt walkway

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 27 **TIME:** 8:15 **STAFF:** Aaron C, Wayne T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around paper bin, and exit.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds, cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 am		Construction waste	Trailer load	✓
1015	Jet bin	Garbage/Recycle	Truck load	✓
1140	Jet bin	Garbage / Recycle	Truck load	✓
130	Jet bin	Garbage / Recycle	Truck load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 238

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: (Yes) / No

DETAILS: Snow

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 28/2024 TIME: 8:15 Am STAFF: ALLAN McRae / wayne

DEFICIENCIES OBSERVED: Description / Location

Ponded Water: Yes / No
Windblown Litter: Yes / No
Leachate Springs: Yes / No
Animals: Yes / No — Birds & Cats.
Other: Yes / No

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: TYPE

DATE BINS WERE ORDERED: / /
DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 254

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins / General Area.

APPLICATION OF ~~DUST~~ Salt SUPPRESSANT: Yes / No

DETAILS: Salt on Walkways.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae Print Staff Name: Allan McRAE

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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Appendix G

Malroz Site Inspections

Lansdowne WDS Site Inspection

Date/ time: 24/05/30

Inspected by: AS/BB/SB

Weather Conditions: Clear and Sun

Item #	Description		notes
1	Signage is displayed per section 2 (2) and (3) of the ECA.	Yes No ☐Photo	
2	Was a site attendant present during operational hours of the landfill?	Yes No ☐Photo	
3	Were any hazardous or liquid wastes observed being disposed of at the site?	Yes No ☐Photo	
4	Are recycling materials being placed in the appropriate bins?	Yes No ☐Photo	
5	Were vermin, vectors, dust or litter present?	Yes No ☐Photo	Birds in landfill area
6	Is windblown litter present at the site? If yes, has a schedule been set for removal?	Yes No ☐Photo	Continuous cleanup
7	Are brush and clean wood segregated from other wastes?	Yes No ☐Photo	
8	Did any waste burning occur at the site?	Yes No ☐Photo	
9	Is interim cover being applied to the site?	Yes No ☐Photo	
10	Is the property locked outside of posted hours?	Yes No ☐Photo	
11	Drainage conditions (e.g. ponded water).	Yes No ☐Photo	Ponded water in and around landfill
12	Are surface water features obstructed?	Yes No ☐Photo	
13	Are there seep present?	Yes No ☐Photo	
14	What is the condition of the methane venting system?	Yes No ☐Photo	Good
15	Was waste observed outside of the approved fill area?	Yes No ☐Photo	
16	Condition of the waste cap (Erosion, repairs needed?)	Yes No ☐Photo	Good
17	Were any unapproved wastes deposited or observed at the site?	Yes No ☐Photo	
18	Are on-site structures in good condition?	Yes No ☐Photo	
19	Attendant Shed Vapour Monitoring - Are Odours Present?	Yes No ☐Photo	Attendant Shed Vapour Monitoring HEX: ME: PID:
20	Other:		

Signature

Lansdowne WDS Site Inspection

Date/ time: 24/10/29 11:30am

Inspected by: AS/SG

Weather Conditions: Overcast

Item #	Description		notes
1	Signage is displayed per section 2 (2) and (3) of the ECA.	Yes No ☐Photo	
2	Was a site attendant present during operational hours of the landfill?	Yes No ☐Photo	
3	Were any hazardous or liquid wastes observed being disposed of at the site?	Yes No ☐Photo	
4	Are recycling materials being placed in the appropriate bins?	Yes No ☐Photo	
5	Were vermin, vectors, dust or litter present?	Yes No ☐Photo	litter, cats/birds
6	Is windblown litter present at the site? If yes, has a schedule been set for removal?	Yes No ☐Photo	continuous clean-up effort
7	Are brush and clean wood segregated from other wastes?	Yes No ☐Photo	
8	Did any waste burning occur at the site?	Yes No ☐Photo	
9	Is interim cover being applied to the site?	Yes No ☐Photo	
10	Is the property locked outside of posted hours?	Yes No ☐Photo	
11	Drainage conditions (e.g. ponded water).	Yes No ☐Photo	after a rainfall; no water prior
12	Are surface water features obstructed?	Yes No ☐Photo	
13	Are there seep present?	Yes No ☐Photo	no SW observed within landfill
14	What is the condition of the methane venting system?	Yes No ☐Photo	good condition
15	Was waste observed outside of the approved fill area?	Yes No ☐Photo	
16	Condition of the waste cap (Erosion, repairs needed?)	Yes No ☐Photo	Waste cap in good condition
17	Were any unapproved wastes deposited or observed at the site?	Yes No ☐Photo	
18	Are on-site structures in good condition?	Yes No ☐Photo	
19	Attendant Shed Vapour Monitoring - Are Odours Present?	Yes No ☐Photo	Attendant Shed Vapour Monitoring HEX: nr ME: – PID: nr
20	Other:		

Signature

Appendix H

Laboratory Certificates of Analysis

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108253

REPORT No: 24-015682 - Rev. 0

Report To:
Malroz Engineering Inc.
308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8

Attention: Adam Superville

CADUCEON Environmental Laboratories
285 Dalton Ave
Kingston, ON K7K 6Z1

DATE RECEIVED: 2024-May-30
DATE REPORTED: 2024-Jun-12
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Landsdowne WDS
P.O. NUMBER: 1037

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	23	OTTAWA	PCURIEL	2024-Jun-03	A-IC-01	SM 4110B
BOD5 (Liquid)	23	KINGSTON	DCASSIDY	2024-Jun-05	BOD-001	SM 5210B
COD (Liquid)	23	KINGSTON	EHINCH	2024-Jun-04	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	23	OTTAWA	SBOUDREAU	2024-Jun-04	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
DOC/DIC (Liquid)	23	OTTAWA	VKASYAN	2024-Jun-12	C-OC-01	EPA 415.2
ICP/MS (Liquid)	23	OTTAWA	AOZKAYMAK	2024-Jun-04	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	23	OTTAWA	APRUDYVUS	2024-Jun-03	D-ICP-01	SM 3120B
Mercury (Liquid)	23	OTTAWA	TBENNETT	2024-Jun-04	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	23	KINGSTON	JYEARWOOD	2024-Jun-06	NH3-001	SM 4500NH3
Phenols (Liquid)	23	KINGSTON	JMACINNES	2024-Jun-05	PHEN-01	MECP E3179
TP & TKN (Liquid)	23	KINGSTON	KDIBBITS	2024-Jun-06	TPTKN-001	MECP E3516.2
TSS (Liquid)	23	KINGSTON	MCLOSS	2024-Jun-04	TSS-001	SM 2540D

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Michelle Dubien
Data Specialist

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		Client I.D.	24-W001	24-W002	24-W003	24-W004	24-W005
		Sample I.D.	24-015682-1	24-015682-2	24-015682-3	24-015682-4	24-015682-5
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-28	2024-05-28
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	348	347	357	466	376
TDS (Calc. from Cond.)	mg/L	3	678	678	670	681	770
Conductivity @25°C	uS/cm	1	1260	1250	1240	1260	1420
pH @25°C	pH units	-	7.93	7.85	7.89	8.08	7.92
Chloride	mg/L	0.5	183	181	169	88.3	217
Nitrate (N)	mg/L	0.05	<0.05	<0.05	<0.05	0.15	2.09
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	0.20	<0.05
Sulphate	mg/L	1	31	31	34	47	26
BOD5	mg/L	3	<3	<3	<3	5	<3
Total Suspended Solids	mg/L	3	7	6	<3	140	3
Phosphorus (Total)	mg/L	0.01	0.02	0.02	0.04	0.44	0.04
Total Kjeldahl Nitrogen	mg/L	0.1	<0.1	<0.1	<0.1	1.6	<0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	<0.05	<0.05	<0.05	0.95	<0.05
Dissolved Organic Carbon	mg/L	0.2	1.5	1.4	1.4	6.0	1.5
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	10	9	9	37	5
Hardness (as CaCO3)	mg/L	0.02	581	580	567	160	574
Aluminum	mg/L	0.01	0.04	0.04	0.04	<0.01	0.03
Barium	mg/L	0.001	0.529	0.531	0.325	0.090	0.546
Boron	mg/L	0.005	0.080	0.077	0.053	0.157	0.054
Calcium	mg/L	0.02	106	106	104	27.5	92.9

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		Client I.D.	24-W001	24-W002	24-W003	24-W004	24-W005
		Sample I.D.	24-015682-1	24-015682-2	24-015682-3	24-015682-4	24-015682-5
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-28	2024-05-28
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.588	0.658	0.020	0.343	<0.005
Magnesium	mg/L	0.02	77.2	76.8	74.5	22.2	83.2
Manganese	mg/L	0.001	0.123	0.125	0.016	0.129	<0.001
Potassium	mg/L	0.1	3.4	3.4	2.6	5.2	2.2
Sodium	mg/L	0.2	40.3	40.1	41.6	250	84.7
Strontium	mg/L	0.001	1.10	1.08	0.892	0.549	0.984
Zinc	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0002	0.0002	0.0001	0.0020	0.0001
Cadmium	mg/L	0.000015	<0.000015	<0.000015	<0.000015	0.000038	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	0.002
Cobalt	mg/L	0.0001	0.0003	0.0003	0.0002	0.0007	0.0001
Copper	mg/L	0.0001	0.0007	<0.0001	0.0007	0.0016	0.0010
Lead	mg/L	0.00002	0.00004	<0.00002	0.00003	0.00002	0.00002
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00295	0.00291	0.00256	0.0202	0.00304
Vanadium	mg/L	0.0001	<0.0001	<0.0001	0.0002	0.0009	0.0004
Mercury	mg/L	0.00002	<0.00002	<0.00002	0.00003	0.00003	<0.00002

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		Client I.D.	24-W006	24-W007	24-W011	24-W012	24-W013
		Sample I.D.	24-015682-6	24-015682-7	24-015682-8	24-015682-9	24-015682-10
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-28	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	452	571	501	260	863
TDS (Calc. from Cond.)	mg/L	3	551	681	635	412	1350
Conductivity @25°C	uS/cm	1	1030	1260	1180	786	2430
pH @25°C	pH units	-	8.05	7.95	8.00	7.66	7.91
Chloride	mg/L	0.5	57.0	73.9	85.6	34.4	135
Nitrate (N)	mg/L	0.05	0.10	<0.05	<0.05	0.12	1.06
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	23	14	12	95	429
BOD5	mg/L	3	<3	3	5	5	<3
Total Suspended Solids	mg/L	3	21	26	640	432	164
Phosphorus (Total)	mg/L	0.01	0.12	0.07	0.48	0.45	0.12
Total Kjeldahl Nitrogen	mg/L	0.1	0.2	0.7	1.4	1.8	0.7
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	<0.05	0.37	0.84	0.49	<0.05
Dissolved Organic Carbon	mg/L	0.2	5.5	8.8	13.9	11.2	9.4
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	0.002	<0.001
COD	mg/L	5	15	27	65	75	58
Hardness (as CaCO3)	mg/L	0.02	491	629	514	273	1200
Aluminum	mg/L	0.01	0.03	0.06	0.04	0.06	0.19
Barium	mg/L	0.001	0.444	1.04	0.513	0.047	0.062
Boron	mg/L	0.005	0.397	0.356	0.070	0.329	1.98
Calcium	mg/L	0.02	83.2	102	101	64.1	227

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		Client I.D.	24-W006	24-W007	24-W011	24-W012	24-W013
		Sample I.D.	24-015682-6	24-015682-7	24-015682-8	24-015682-9	24-015682-10
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-28	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.107	1.19	2.37	0.401	0.068
Magnesium	mg/L	0.02	68.9	90.6	63.8	27.4	153
Manganese	mg/L	0.001	0.011	0.032	0.097	0.162	0.063
Potassium	mg/L	0.1	5.5	4.1	3.3	3.0	32.7
Sodium	mg/L	0.2	44.9	56.3	20.8	56.2	144
Strontium	mg/L	0.001	2.81	2.50	1.10	0.208	2.15
Zinc	mg/L	0.005	0.006	<0.005	<0.005	<0.005	0.011
Arsenic	mg/L	0.0001	0.0004	0.0003	0.0002	0.0010	0.0005
Cadmium	mg/L	0.000015	<0.000015	<0.000015	<0.000015	<0.000015	0.000028
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0002	0.0002	0.0002	0.0009	0.0014
Copper	mg/L	0.0001	0.0014	0.0002	0.0009	0.0011	0.0089
Lead	mg/L	0.00002	0.00002	0.00003	0.00004	0.00028	0.00039
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00109	<0.00005	<0.00005	0.00049	0.00724
Vanadium	mg/L	0.0001	<0.0001	0.0001	0.0002	0.0015	0.0004
Mercury	mg/L	0.00002	0.00002	<0.00002	0.00002	<0.00002	<0.00002

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		Client I.D.	24-W014	24-W017	24-W018	24-W019	24-W020
		Sample I.D.	24-015682-11	24-015682-12	24-015682-13	24-015682-14	24-015682-15
		Date Collected	2024-05-29	2024-05-29	2024-05-29	2024-05-29	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	502	192	334	376	407
TDS (Calc. from Cond.)	mg/L	3	698	342	371	612	650
Conductivity @25°C	uS/cm	1	1290	658	715	1140	1200
pH @25°C	pH units	-	7.61	7.77	8.00	7.79	7.79
Chloride	mg/L	0.5	42.8	6.1	16.4	25.1	113
Nitrate (N)	mg/L	0.05	4.03	31.3	<0.05	26.4	1.19
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	0.11	<0.05
Sulphate	mg/L	1	111	15	27	90	49
BOD5	mg/L	3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3	<3	20	6	8360	454
Phosphorus (Total)	mg/L	0.01	0.05	0.14	0.12	1.77	0.09
Total Kjeldahl Nitrogen	mg/L	0.1	1.5	0.7	0.1	1.5	0.6
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.05	<0.05	<0.05	0.08	<0.05
Dissolved Organic Carbon	mg/L	0.2	16.2	5.2	2.0	13.4	7.9
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	39	18	<5	112	22
Hardness (as CaCO3)	mg/L	0.02	598	307	349	562	496
Aluminum	mg/L	0.01	0.07	0.03	0.03	0.05	0.08
Barium	mg/L	0.001	0.149	0.054	0.158	0.145	0.790
Boron	mg/L	0.005	0.782	0.005	0.217	0.046	0.046
Calcium	mg/L	0.02	187	70.2	74.0	137	128

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		Client I.D.	24-W014	24-W017	24-W018	24-W019	24-W020
		Sample I.D.	24-015682-11	24-015682-12	24-015682-13	24-015682-14	24-015682-15
		Date Collected	2024-05-29	2024-05-29	2024-05-29	2024-05-29	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.064	<0.005	0.082	<0.005	0.244
Magnesium	mg/L	0.02	31.5	31.9	40.0	53.3	42.8
Manganese	mg/L	0.001	0.219	0.005	0.226	0.218	0.406
Potassium	mg/L	0.1	19.4	1.4	3.0	9.6	20.2
Sodium	mg/L	0.2	51.5	14.7	27.0	32.2	33.7
Strontium	mg/L	0.001	1.53	0.358	1.47	0.812	0.722
Zinc	mg/L	0.005	<0.005	0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0003	0.0002	0.0002	0.0006	<0.0003
Cadmium	mg/L	0.000015	0.000029	<0.000015	<0.000015	0.000018	<0.000030
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0008	0.0002	0.0002	0.0005	0.0006
Copper	mg/L	0.0001	0.0043	0.0032	0.0005	0.0055	0.0027
Lead	mg/L	0.00002	0.00005	<0.00002	0.00003	0.00006	<0.00009
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00202	0.00119	0.00184	0.00182	0.00276
Vanadium	mg/L	0.0001	0.0002	0.0015	<0.0001	0.0018	<0.0004
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002	<0.00002	0.00003

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		Client I.D.	24-W021	24-W022	24-W023	24-W025	24-W026
		Sample I.D.	24-015682-16	24-015682-17	24-015682-18	24-015682-19	24-015682-20
		Date Collected	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	708	611	747	257	323
TDS (Calc. from Cond.)	mg/L	3	2250	1010	752	291	362
Conductivity @25°C	uS/cm	1	4010	1830	1380	562	696
pH @25°C	pH units	-	7.23	7.75	7.85	8.07	7.94
Chloride	mg/L	0.5	811	187	12.4	5.8	5.3
Nitrate (N)	mg/L	0.05	<0.05	0.06	<0.05	<0.05	9.28
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	51	112	15	35	7
BOD5	mg/L	3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3	10900	1340	10000	712	9580
Phosphorus (Total)	mg/L	0.01	15.8	0.74	10.6	2.79	2.96
Total Kjeldahl Nitrogen	mg/L	0.1	1.1	0.4	8.8	0.1	0.4
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.08	<0.05	7.28	0.08	<0.05
Dissolved Organic Carbon	mg/L	0.2	1.8	4.0	1.6	2.2	3.7
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	291	52	310	59	98
Hardness (as CaCO3)	mg/L	0.02	1660	886	731	282	356
Aluminum	mg/L	0.01	0.11	0.06	0.06	0.06	0.04
Barium	mg/L	0.001	1.04	0.181	0.643	0.303	0.112
Boron	mg/L	0.005	0.052	0.319	0.644	0.118	0.010
Calcium	mg/L	0.02	360	192	178	64.8	79.6

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		Client I.D.	24-W021	24-W022	24-W023	24-W025	24-W026
		Sample I.D.	24-015682-16	24-015682-17	24-015682-18	24-015682-19	24-015682-20
		Date Collected	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	10.8	0.086	13.8	0.533	<0.005
Magnesium	mg/L	0.02	185	98.9	69.6	29.2	38.3
Manganese	mg/L	0.001	2.33	0.363	0.097	0.074	<0.001
Potassium	mg/L	0.1	3.1	3.3	17.3	1.8	1.1
Sodium	mg/L	0.2	217	69.8	46.1	15.0	13.9
Strontium	mg/L	0.001	2.12	0.744	0.987	0.722	0.385
Zinc	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0049	0.0002	0.0081	0.0001	<0.0001
Cadmium	mg/L	0.000015	<0.000015	0.000034	<0.000015	<0.000015	0.000080
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	0.002
Cobalt	mg/L	0.0001	0.0077	0.0030	0.0051	0.0002	0.0004
Copper	mg/L	0.0001	0.0023	0.0019	0.0009	0.0009	0.0006
Lead	mg/L	0.00002	0.00008	0.00005	0.00003	0.00004	0.00004
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00289	0.00428	0.00041	0.00014	0.00129
Vanadium	mg/L	0.0001	0.0001	0.0007	0.0007	0.0001	0.0005
Mercury	mg/L	0.00002	0.00004	<0.00002	<0.00002	<0.00002	<0.00002

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		Client I.D.	24-W027	24-W030	24-W031
		Sample I.D.	24-015682-21	24-015682-22	24-015682-23
		Date Collected	2024-05-30	2024-05-28	2024-05-30
Parameter	Units	R.L.	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	518	410	<5
TDS (Calc. from Cond.)	mg/L	3	552	866	<3
Conductivity @25°C	uS/cm	1	1030	1580	<1
pH @25°C	pH units	-	7.83	7.93	6.63
Chloride	mg/L	0.5	20.3	246	<0.5
Nitrate (N)	mg/L	0.05	<0.05	<0.05	<0.05
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	22	46	<1
BOD5	mg/L	3	<3	<3	<3
Total Suspended Solids	mg/L	3	6320	4	<3
Phosphorus (Total)	mg/L	0.01	4.87	0.04	0.01
Total Kjeldahl Nitrogen	mg/L	0.1	0.7	0.4	<0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.28	0.20	<0.05
Dissolved Organic Carbon	mg/L	0.2	6.5	2.3	<0.2
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001
COD	mg/L	5	166	29	<5
Hardness (as CaCO3)	mg/L	0.02	536	629	0.04
Aluminum	mg/L	0.01	0.04	0.04	<0.01
Barium	mg/L	0.001	0.455	0.515	<0.001
Boron	mg/L	0.005	0.255	0.212	<0.005
Calcium	mg/L	0.02	111	131	<0.02

Michelle Dubien
Data Specialist

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		Client I.D.	24-W027	24-W030	24-W031
		Sample I.D.	24-015682-21	24-015682-22	24-015682-23
		Date Collected	2024-05-30	2024-05-28	2024-05-30
Parameter	Units	R.L.	-	-	-
Iron	mg/L	0.005	2.54	0.009	<0.005
Magnesium	mg/L	0.02	62.9	73.6	<0.02
Manganese	mg/L	0.001	0.142	0.390	<0.001
Potassium	mg/L	0.1	3.1	6.2	<0.1
Sodium	mg/L	0.2	33.0	93.4	<0.2
Strontium	mg/L	0.001	1.28	2.74	<0.001
Zinc	mg/L	0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0007	<0.0001	<0.0001
Cadmium	mg/L	0.000015	<0.000015	0.000067	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0007	0.0008	<0.0001
Copper	mg/L	0.0001	0.0013	0.0033	<0.0001
Lead	mg/L	0.00002	0.00006	0.00008	0.00002
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00098	0.00198	<0.00005
Vanadium	mg/L	0.0001	0.0001	0.0022	<0.0001
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G102222

REPORT No: 24-015689 - Rev. 0

Report To:
Malroz Engineering Inc.
308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8

CADUCEON Environmental Laboratories
285 Dalton Ave
Kingston, ON K7K 6Z1

Attention: Adam Superville

DATE RECEIVED: 2024-May-31
DATE REPORTED: 2024-Jun-12
SAMPLE MATRIX: Surface Water

CUSTOMER PROJECT: Landsdowne WDS
P.O. NUMBER: 1037

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	8	OTTAWA	LMACGREGOR	2024-Jun-03	A-IC-01	SM 4110B
BOD5 (Liquid)	8	KINGSTON	DCASSIDY	2024-Jun-05	BOD-001	SM 5210B
COD (Liquid)	8	KINGSTON	EHINCH	2024-Jun-05	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	8	OTTAWA	SBOUDREAU	2024-Jun-03	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
DOC/DIC (Liquid)	8	OTTAWA	VKASYAN	2024-Jun-05	C-OC-01	EPA 415.2
ICP/MS Total (Liquid)	8	OTTAWA	AOZKAYMAK	2024-Jun-03	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	8	OTTAWA	APRUDYVUS	2024-Jun-04	D-ICP-01	SM 3120B
ICP/OES (Liquid)	8	OTTAWA	NHOGAN	2024-Jun-03	D-ICP-01	SM 3120B
Mercury (Liquid) Lab Filtered	8	OTTAWA	TBENNETT	2024-Jun-05	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	8	KINGSTON	JYEARWOOD	2024-Jun-05	NH3-001	SM 4500NH3
Phenols (Liquid)	8	KINGSTON	JMACINNES	2024-Jun-06	PHEN-01	MECP E3179
TP & TKN (Liquid)	8	KINGSTON	KDIBBITS	2024-Jun-06	TPTKN-001	MECP E3516.2
TSS (Liquid)	8	KINGSTON	DCASSIDY	2024-Jun-05	TSS-001	SM 2540D

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

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		Client I.D.	24-W008	24-W009	24-W010	24-W015	24-W016
		Sample I.D.	24-015689-1	24-015689-2	24-015689-3	24-015689-4	24-015689-5
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-29	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	134	272	155	289	123
TDS (Calc. from Cond.)	mg/L	3	251	683	173	519	211
Conductivity @25°C	uS/cm	1	485	1260	337	975	410
pH @25°C	pH units	-	7.56	8.01	7.59	7.94	7.49
Chloride	mg/L	0.5	65.0	208	4.6	123	48.5
Nitrate (N)	mg/L	0.05	0.08	<0.05	3.01	0.85	0.09
Nitrite (N)	mg/L	0.05	<0.05	<0.05	0.12	<0.05	<0.05
Sulphate	mg/L	1	15	74	10	31	9
BOD5	mg/L	3	4	<3	4	<3	6
Total Suspended Solids	mg/L	3	52	13	32	17	295
Phosphorus (Total)	mg/L	0.01	0.73	0.18	0.26	0.27	0.75
Total Kjeldahl Nitrogen	mg/L	0.1	3.4	1.4	1.8	1.9	3.9
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.72	0.08	0.11	0.13	0.80
Ammonia (N)-unionized	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	0.01
o-Phosphate (P)	mg/L	0.002	0.425	0.096	0.150	0.081	0.417
Dissolved Organic Carbon	mg/L	0.2	35.8	15.1	15.8	18.6	36.4
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	129	49	76	60	163
Aluminum	mg/L	0.01	0.06	0.07	0.05	0.07	0.79
Hardness (as CaCO3)	mg/L	0.02	194	397	170	394	172
Barium (Total)	mg/L	0.001	0.138	0.068	0.079	0.123	0.144

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		Client I.D.	24-W008	24-W009	24-W010	24-W015	24-W016
		Sample I.D.	24-015689-1	24-015689-2	24-015689-3	24-015689-4	24-015689-5
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-29	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Boron (Total)	mg/L	0.005	0.062	0.097	0.051	0.094	0.032
Calcium (Total)	mg/L	0.02	44.2	90.4	38.5	92.8	37.2
Iron (Total)	mg/L	0.005	6.36	0.468	2.03	1.54	7.22
Magnesium (Total)	mg/L	0.02	20.3	41.5	17.9	39.3	19.2
Manganese (Total)	mg/L	0.001	0.198	0.237	0.048	0.226	0.152
Potassium (Total)	mg/L	0.1	7.2	5.1	3.9	4.0	6.9
Silicon (Total)	mg/L	0.01	7.11	5.14	8.68	5.40	7.86
Sodium (Total)	mg/L	0.2	29.0	116	9.0	56.7	19.1
Zinc (Total)	mg/L	0.005	0.019	<0.005	0.010	0.007	0.020
Arsenic (Total)	mg/L	0.0001	0.0023	0.0009	0.0006	0.0024	0.0023
Cadmium (Total)	mg/L	0.000015	0.000050	<0.000015	0.000048	0.000053	0.000053
Chromium (Total)	mg/L	0.001	0.004	<0.001	0.003	0.005	0.005
Cobalt (Total)	mg/L	0.0001	0.0018	0.0005	0.0008	0.0021	0.0021
Copper (Total)	mg/L	0.0001	0.0043	0.0016	0.0078	0.0045	0.0045
Lead (Total)	mg/L	0.00002	0.00287	0.00010	0.00072	0.00354	0.00343
Molybdenum (Total)	mg/L	0.0001	0.0010	0.0010	0.0009	0.0008	0.0008
Nickel (Total)	mg/L	0.0002	0.0049	0.0025	0.0030	0.0057	0.0058
Uranium (Total)	mg/L	0.00005	0.00079	0.00135	0.00069	0.00070	0.00069
Vanadium (Total)	mg/L	0.0001	0.0096	0.0023	0.0053	0.0121	0.0120
Mercury (Filtered)	mg/L	0.00002	0.00003	<0.00002	<0.00002	<0.00002	<0.00002
pH (Client Data)	pH units	-	7.00	8.00	8.15	7.54	7.45

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		Client I.D.	24-W008	24-W009	24-W010	24-W015	24-W016
		Sample I.D.	24-015689-1	24-015689-2	24-015689-3	24-015689-4	24-015689-5
		Date Collected	2024-05-28	2024-05-28	2024-05-28	2024-05-29	2024-05-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Temperature (Client Data)	°C	-	18	28.12	19.84	12.57	23.11

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		Client I.D.	24-W024	24-W028	24-W029
		Sample I.D.	24-015689-6	24-015689-7	24-015689-8
		Date Collected	2024-05-30	2024-05-30	2024-05-30
Parameter	**Units**	**R.L.**	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	66	170	93
TDS (Calc. from Cond.)	mg/L	3	72	246	102
Conductivity @25°C	uS/cm	1	142	476	201
pH @25°C	pH units	-	7.10	7.83	7.38
Chloride	mg/L	0.5	2.0	49.5	11.5
Nitrate (N)	mg/L	0.05	<0.05	<0.05	<0.05
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	<1	9	2
BOD5	mg/L	3	3	<3	<3
Total Suspended Solids	mg/L	3	12	12	10
Phosphorus (Total)	mg/L	0.01	0.28	0.07	0.07
Total Kjeldahl Nitrogen	mg/L	0.1	3.8	1.5	1.8
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.78	0.08	<0.05
Ammonia (N)-unionized	mg/L	0.01	<0.01	<0.01	<0.01
o-Phosphate (P)	mg/L	0.002	0.109	0.014	0.011
Dissolved Organic Carbon	mg/L	0.2	49.2	20.6	29.4
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001
COD	mg/L	5	183	54	104
Aluminum	mg/L	0.01	0.32	0.05	0.13
Hardness (as CaCO3)	mg/L	0.02	75.9	216	102
Barium (Total)	mg/L	0.001	0.054	0.062	0.028

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		Client I.D.	24-W024	24-W028	24-W029
		Sample I.D.	24-015689-6	24-015689-7	24-015689-8
		Date Collected	2024-05-30	2024-05-30	2024-05-30
Parameter	**Units**	**R.L.**	-	-	-
Boron (Total)	mg/L	0.005	0.037	0.051	0.025
Calcium (Total)	mg/L	0.02	16.6	38.7	18.1
Iron (Total)	mg/L	0.005	3.18	0.579	1.04
Magnesium (Total)	mg/L	0.02	8.37	29.1	13.8
Manganese (Total)	mg/L	0.001	0.254	0.035	0.015
Potassium (Total)	mg/L	0.1	3.5	1.4	1.0
Silicon (Total)	mg/L	0.01	2.13	2.19	1.25
Sodium (Total)	mg/L	0.2	5.5	12.6	6.6
Zinc (Total)	mg/L	0.005	0.014	<0.005	<0.005
Arsenic (Total)	mg/L	0.0001	0.0013	0.0007	0.0007
Cadmium (Total)	mg/L	0.000015	0.000089	0.000024	0.000021
Chromium (Total)	mg/L	0.001	0.002	<0.001	0.001
Cobalt (Total)	mg/L	0.0001	0.0016	0.0007	0.0004
Copper (Total)	mg/L	0.0001	0.0038	0.0018	0.0017
Lead (Total)	mg/L	0.00002	0.00106	0.00037	0.00027
Molybdenum (Total)	mg/L	0.0001	0.0004	0.0015	0.0006
Nickel (Total)	mg/L	0.0002	0.0030	0.0023	0.0023
Uranium (Total)	mg/L	0.00005	0.00013	0.00131	0.00034
Vanadium (Total)	mg/L	0.0001	0.0018	0.0017	0.0016
Mercury (Filtered)	mg/L	0.00002	<0.00002	<0.00002	0.00003
pH (Client Data)	pH units	-	6.70	7.22	7.54

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		Client I.D.	24-W024	24-W028	24-W029
		Sample I.D.	24-015689-6	24-015689-7	24-015689-8
		Date Collected	2024-05-30	2024-05-30	2024-05-30
Parameter	Units	R.L.	-	-	-
Temperature (Client Data)	°C	-	17.69	20.17	22.07

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ALS Canada Ltd.

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CERTIFICATE OF ANALYSIS

Work Order	: **WT2414430**	Page	: 1 of 19
Client	: **Malroz Engineering Inc.**	Laboratory	: ALS Environmental - Waterloo
Contact	: Robert Varcoe	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston ON Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo ON Canada N2V 2B8
Telephone	: 613 548 3446, Ext. 34	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 04-Jun-2024 08:45
PO	: ----	Date Analysis Commenced	: 05-Jun-2024
C-O-C number	: 20-1082755	Issue Date	: 11-Jun-2024 22:47
Sampler	: CLIENT		
Site	: ----		
Quote number	: Standing Offer 2024		
No. of samples received	: 11		
No. of samples analysed	: 11		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Sanja Risticevic	Department Manager - LCMS	LCMS, Waterloo, Ontario

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.
Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances
LOR: Limit of Reporting (detection limit).
Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Unit	*Description*
µg/L	micrograms per litre

>: greater than.
<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Qualifiers

Qualifier	*Description*
DLM	*Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).*

Analytical Results

WT2414430-001

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W001
Client sampling date / time: 28-May-2024 10:52

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-001

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W001

Client sampling date / time: 28-May-2024 10:52

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	96.0	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-002

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W002

Client sampling date / time: 28-May-2024 10:52

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-002

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W002
Client sampling date / time: 28-May-2024 10:52

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	110	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-003

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W003
Client sampling date / time: 28-May-2024 10:57

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-003

Sub-Matrix: **Water** (Matrix: **Water**)

Client sample ID: 24-W003

Client sampling date / time: 28-May-2024 10:57

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	90.4	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-004

Sub-Matrix: **Water** (Matrix: **Water**)

Client sample ID: 24-W004

Client sampling date / time: 28-May-2024 11:23

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-004

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W004
Client sampling date / time: 28-May-2024 11:23

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	98.0	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-005

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W005
Client sampling date / time: 28-May-2024 13:08

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-005

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W005

Client sampling date / time: 28-May-2024 13:08

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	102	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-006

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W006

Client sampling date / time: 28-May-2024 14:04

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-006

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W006
Client sampling date / time: 28-May-2024 14:04

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	0.046	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	0.092	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	0.118	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	0.072	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	111	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-007

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W007
Client sampling date / time: 28-May-2024 14:08

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.20 DLM	0.20	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	0.044	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	0.098	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-007

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W007

Client sampling date / time: 28-May-2024 14:08

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	0.094	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	0.092	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	99.6	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-008

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W014

Client sampling date / time: 29-May-2024 11:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-008

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W014
Client sampling date / time: 29-May-2024 11:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	0.086	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	0.16	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	0.078	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	0.168	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	0.294	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	0.090	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	0.258	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	0.326	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	95.6	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-009

Sub-Matrix: **Water** (Matrix: **Water**)

Client sample ID: 24-W017

Client sampling date / time: 29-May-2024 13:05

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-009

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W017

Client sampling date / time: 29-May-2024 13:05

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	94.0	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-010

Sub-Matrix:**Water** (Matrix: **Water**)

Client sample ID: 24-W018

Client sampling date / time: 29-May-2024 14:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	0.046	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-010

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W018
Client sampling date / time: 29-May-2024 14:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	82.4	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

Analytical Results

WT2414430-011

Sub-Matrix: **Water**
(Matrix: **Water**)

Client sample ID: 24-W030
Client sampling date / time: 28-May-2024 13:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	<0.050	0.050	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	<1.0	1.0	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanesulfonic acid [PFBS]	375-73-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorobutanoic acid [PFBA]	375-22-4	<0.10	0.10	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecane sulfonic acid [PFDS]	335-77-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorodecanoic acid [PFDA]	335-76-2	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorododecanoic acid [PFDoA]	307-55-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroheptanoic acid [PFHpA]	375-85-9	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorohexanoic acid [PFHxA]	307-24-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Analytical Results

WT2414430-011

Sub-Matrix:**Water**
(Matrix: **Water**)

Client sample ID: 24-W030
Client sampling date / time: 28-May-2024 13:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Per- and Perfluoroalkyl Substances (PFAS)								
Perfluorononanesulfonic acid [PFNS]	68259-12-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid [PFNA]	375-95-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonamide [PFOSA]	754-91-6	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorooctanoic acid [PFOA]	335-67-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoropentanoic acid [PFPeA]	2706-90-3	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Perfluoroundecanoic acid [PFUnA]	2058-94-8	<0.020	0.020	µg/L	E745/WT	05-Jun-2024	05-Jun-2024	1476217
Per- and Perfluoroalkyl Substances (PFAS) Surrogates								
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	104	0.01	%	E745/WT	05-Jun-2024	05-Jun-2024	1476217

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

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QUALITY CONTROL INTERPRETIVE REPORT

Work Order	: **WT2414430**	Page	: 1 of 6
Client	: **Malroz Engineering Inc.**	Laboratory	: ALS Environmental - Waterloo
Contact	: Robert Varcoe	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston ON Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: 613 548 3446, Ext. 34	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 04-Jun-2024 08:45
PO	: ----	Issue Date	: 11-Jun-2024 22:47
C-O-C number	: 20-1082755		
Sampler	: CLIENT		
Site	: ----		
Quote number	: Standing Offer 2024		
No. of samples received	: 11		
No. of samples analysed	: 11		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO: Data Quality Objective.
LOR: Limit of Reporting (detection limit).
RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W014	E745	29-May-2024	05-Jun-2024	28 days	7 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W017	E745	29-May-2024	05-Jun-2024	28 days	7 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W018	E745	29-May-2024	05-Jun-2024	28 days	7 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W001	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W002	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W003	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS 24-W004	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS										
24-W005	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS										
24-W006	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS										
24-W007	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓
Per- and Perfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE - LCMS										
24-W030	E745	28-May-2024	05-Jun-2024	28 days	8 days	✓	05-Jun-2024	28 days	0 days	✓

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).

Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water**

Evaluation: × = *QC frequency outside specification*; ✓ = *QC frequency within specification.*

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1476217	1	11	9.0	5.0	✓
Laboratory Control Samples (LCS)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1476217	1	11	9.0	5.0	✓
Method Blanks (MB)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1476217	1	11	9.0	5.0	✓
Matrix Spikes (MS)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1476217	1	11	9.0	5.0	✓

Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by “mod”).

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
PFAS (Extended List) in Water by LC-MS-MS	E745 ALS Environmental - Waterloo	Water	MECP E3533	An aliquot of water is analyzed for PFAs by direct injection LC/MS/MS

Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation of PFAS in Water by Direct Injection	EP745 ALS Environmental - Waterloo	Water	MECP E3533	An aliquot of water is analyzed for PFAs by direct injection LC/MS/MS

QUALITY CONTROL REPORT

Work Order	: **WT2414430**	Page	: 1 of 12
Client	: Malroz Engineering Inc.	Laboratory	: ALS Environmental - Waterloo
Contact	: Robert Varcoe	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston ON Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: 613 548 3446, Ext. 34	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 04-Jun-2024 08:45
PO	: ----	Date Analysis Commenced	: 05-Jun-2024
C-O-C number	: 20-1082755	Issue Date	: 11-Jun-2024 22:47
Sampler	: CLIENT		
Site	: ----		
Quote number	: Standing Offer 2024		
No. of samples received	: 11		
No. of samples analysed	: 11		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Sanja Risticevic	Department Manager - LCMS	Waterloo LCMS, Waterloo, Ontario

General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO = Data Quality Objective.
LOR = Limit of Reporting (detection limit).
RPD = Relative Percent Difference
# = Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: **Water**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QC Lot: 1476217)											
WT2414430-001	24-W001	Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamido acetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamido ethanol, n- [NEtFOSE]	1691-99-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.050	µg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1.0	µg/L	<1.0	<1.0	0	Diff <2x LOR	----

Sub-Matrix: **Water**

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Laboratory Duplicate (DUP) Report						
					LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QC Lot: 1476217) - continued											
WT2414430-001	24-W001	Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Methyl perfluorooctanesulfonamido acetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Methyl perfluorooctanesulfonamido ethanol, n- [NMeFOSE]	24448-09-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanoic acid [PFNA]	375-95-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----

Sub-Matrix: **Water**

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Laboratory Duplicate (DUP) Report						
					LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QC Lot: 1476217) - continued											
WT2414430-001	24-W001	Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----

Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217)						
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.1	µg/L	<0.10	----
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.1	µg/L	<0.10	----
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.1	µg/L	<0.10	----
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.05	µg/L	<0.050	----
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.02	µg/L	<0.020	----
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.02	µg/L	<0.020	----
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.02	µg/L	<0.020	----
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1	µg/L	<1.0	----
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.02	µg/L	<0.020	----
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.02	µg/L	<0.020	----
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.02	µg/L	<0.020	----
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.02	µg/L	<0.020	----
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.02	µg/L	<0.020	----
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.02	µg/L	<0.020	----
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.02	µg/L	<0.020	----
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.02	µg/L	<0.020	----
Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.1	µg/L	<0.10	----

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217) - continued						
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.02	µg/L	<0.020	----
Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.02	µg/L	<0.020	----
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.02	µg/L	<0.020	----
Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.02	µg/L	<0.020	----
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.02	µg/L	<0.020	----
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.02	µg/L	<0.020	----
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.02	µg/L	<0.020	----
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.02	µg/L	<0.020	----
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.02	µg/L	<0.020	----
Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.02	µg/L	<0.020	----
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.02	µg/L	<0.020	----
Perfluorononanoic acid [PFNA]	375-95-1	E745	0.02	µg/L	<0.020	----
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.02	µg/L	<0.020	----
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.02	µg/L	<0.020	----
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.02	µg/L	<0.020	----
Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.02	µg/L	<0.020	----
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.02	µg/L	<0.020	----
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.02	µg/L	<0.020	----
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.02	µg/L	<0.020	----
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.02	µg/L	<0.020	----
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.02	µg/L	<0.020	----
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.02	µg/L	<0.020	----
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.02	µg/L	<0.020	----

Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217)									
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.02	µg/L	0.3 µg/L	80.0	50.0	150	----
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.02	µg/L	0.3 µg/L	112	50.0	150	----
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.02	µg/L	0.3 µg/L	86.7	50.0	150	----
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.02	µg/L	0.3 µg/L	115	50.0	150	----
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.1	µg/L	3 µg/L	52.0	50.0	150	----
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.02	µg/L	0.3 µg/L	91.3	50.0	150	----
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.02	µg/L	0.3 µg/L	100	50.0	150	----
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.1	µg/L	3 µg/L	87.5	50.0	150	----
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.02	µg/L	0.3 µg/L	123	50.0	150	----
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.1	µg/L	3 µg/L	91.7	50.0	150	----
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.02	µg/L	0.3 µg/L	87.3	50.0	150	----
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.02	µg/L	0.3 µg/L	103	50.0	150	----
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.02	µg/L	0.3 µg/L	112	50.0	150	----
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.02	µg/L	0.3 µg/L	115	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.05	µg/L	0.3 µg/L	93.3	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.02	µg/L	0.3 µg/L	109	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.02	µg/L	0.3 µg/L	105	50.0	150	----
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.02	µg/L	0.3 µg/L	89.3	50.0	150	----
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1	µg/L	3 µg/L	95.7	50.0	150	----
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.02	µg/L	0.3 µg/L	105	50.0	150	----
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.02	µg/L	0.3 µg/L	97.3	50.0	150	----
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.02	µg/L	0.3 µg/L	98.7	50.0	150	----
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.02	µg/L	0.3 µg/L	84.0	50.0	150	----
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.02	µg/L	0.3 µg/L	88.7	50.0	150	----
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.02	µg/L	0.3 µg/L	98.7	50.0	150	----
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.02	µg/L	0.3 µg/L	89.3	50.0	150	----
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.02	µg/L	0.3 µg/L	91.3	50.0	150	----
Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.1	µg/L	1 µg/L	107	50.0	150	----

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217) - continued									
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.02	µg/L	0.3 µg/L	82.7	50.0	150	----
Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.02	µg/L	0.3 µg/L	106	50.0	150	----
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.02	µg/L	0.3 µg/L	104	50.0	150	----
Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.02	µg/L	0.3 µg/L	98.7	50.0	150	----
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.02	µg/L	0.3 µg/L	114	50.0	150	----
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.02	µg/L	0.3 µg/L	90.0	50.0	150	----
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.02	µg/L	0.3 µg/L	90.7	50.0	150	----
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.02	µg/L	0.3 µg/L	113	50.0	150	----
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.02	µg/L	0.3 µg/L	103	50.0	150	----
Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.02	µg/L	0.3 µg/L	121	50.0	150	----
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.02	µg/L	0.3 µg/L	108	50.0	150	----
Perfluorononanoic acid [PFNA]	375-95-1	E745	0.02	µg/L	0.3 µg/L	104	50.0	150	----
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.02	µg/L	0.3 µg/L	73.3	50.0	150	----
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.02	µg/L	0.3 µg/L	100	50.0	150	----
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.02	µg/L	0.3 µg/L	82.7	50.0	150	----
Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.02	µg/L	0.3 µg/L	98.7	50.0	150	----
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.02	µg/L	0.3 µg/L	128	50.0	150	----
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.02	µg/L	0.3 µg/L	102	50.0	150	----
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.02	µg/L	0.3 µg/L	110	50.0	150	----
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.02	µg/L	0.3 µg/L	123	50.0	150	----
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.02	µg/L	0.3 µg/L	103	50.0	150	----
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.02	µg/L	0.3 µg/L	83.3	50.0	150	----
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.02	µg/L	0.3 µg/L	95.3	50.0	150	----

Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217)										
WT2414430-001	24-W001	Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.278 µg/L	0.3 µg/L	92.7	50.0	150	----
		Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.302 µg/L	0.3 µg/L	101	50.0	150	----
		Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.274 µg/L	0.3 µg/L	91.3	50.0	150	----
		Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.344 µg/L	0.3 µg/L	115	50.0	150	----
		Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	2.20 µg/L	3 µg/L	73.3	50.0	150	----
		Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.274 µg/L	0.3 µg/L	91.3	50.0	150	----
		Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.288 µg/L	0.3 µg/L	96.0	50.0	150	----
		Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	2.50 µg/L	3 µg/L	83.3	50.0	150	----
		Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.362 µg/L	0.3 µg/L	121	50.0	150	----
		Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	2.61 µg/L	3 µg/L	87.0	50.0	150	----
		Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.264 µg/L	0.3 µg/L	88.0	50.0	150	----
		Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.300 µg/L	0.3 µg/L	100	50.0	150	----
		Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.312 µg/L	0.3 µg/L	104	50.0	150	----
		Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.310 µg/L	0.3 µg/L	103	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.342 µg/L	0.3 µg/L	114	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.284 µg/L	0.3 µg/L	94.7	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.314 µg/L	0.3 µg/L	105	50.0	150	----
		Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.268 µg/L	0.3 µg/L	89.3	50.0	150	----
		Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	3.2 µg/L	3 µg/L	105	50.0	150	----
		Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.338 µg/L	0.3 µg/L	113	50.0	150	----

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Per- and Perfluoroalkyl Substances (PFAS) (QCLot: 1476217) - continued										
WT2414430-001	24-W001	Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.268 µg/L	0.3 µg/L	89.3	50.0	150	----
		Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.304 µg/L	0.3 µg/L	101	50.0	150	----
		Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.334 µg/L	0.3 µg/L	111	50.0	150	----
		Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.252 µg/L	0.3 µg/L	84.0	50.0	150	----
		Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.272 µg/L	0.3 µg/L	90.7	50.0	150	----
		Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.258 µg/L	0.3 µg/L	86.0	50.0	150	----
		Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.258 µg/L	0.3 µg/L	86.0	50.0	150	----
		Perfluorobutanoic acid [PFBA]	375-22-4	E745	1.04 µg/L	1 µg/L	104	50.0	150	----
		Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.304 µg/L	0.3 µg/L	101	50.0	150	----
		Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.316 µg/L	0.3 µg/L	105	50.0	150	----
		Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.300 µg/L	0.3 µg/L	100	50.0	150	----
		Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.324 µg/L	0.3 µg/L	108	50.0	150	----
		Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.312 µg/L	0.3 µg/L	104	50.0	150	----
		Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.282 µg/L	0.3 µg/L	94.0	50.0	150	----
		Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.252 µg/L	0.3 µg/L	84.0	50.0	150	----
		Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.338 µg/L	0.3 µg/L	113	50.0	150	----
		Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.280 µg/L	0.3 µg/L	93.3	50.0	150	----
		Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.350 µg/L	0.3 µg/L	117	50.0	150	----
		Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.266 µg/L	0.3 µg/L	88.7	50.0	150	----
		Perfluorononanoic acid [PFNA]	375-95-1	E745	0.298 µg/L	0.3 µg/L	99.3	50.0	150	----
		Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.256 µg/L	0.3 µg/L	85.3	50.0	150	----
		Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.276 µg/L	0.3 µg/L	92.0	50.0	150	----
		Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.280 µg/L	0.3 µg/L	93.3	50.0	150	----
		Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.292 µg/L	0.3 µg/L	97.3	50.0	150	----
		Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.384 µg/L	0.3 µg/L	128	50.0	150	----
		Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.282 µg/L	0.3 µg/L	94.0	50.0	150	----
		Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.338 µg/L	0.3 µg/L	113	50.0	150	----
		Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.408 µg/L	0.3 µg/L	136	50.0	150	----
		Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.312 µg/L	0.3 µg/L	104	50.0	150	----
		Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.276 µg/L	0.3 µg/L	92.0	50.0	150	----
		Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.272 µg/L	0.3 µg/L	90.7	50.0	150	----

L-413

Chain of Custody (COC) / Analytical Request Form

COC Number: 20 - 1082755

www.alsglobal.com

Canada Toll Free: 1 800 668 9878

Page

Environmental Division Waterloo
Work Order Reference
WT2414430

Telephone : +1 519 886 6910

Report To	Contact and company name below will appear on the final report
Company:	Maloz Engineering
Contact:	Adam Superville
Phone:	613-548-3446
	Company address below will appear on the final report
Street:	308 Wellington St
City/Province:	Kingston, Ontario
Postal Code:	K7K-7A8
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of Invoice with Report ☒ YES ☐ NO
Company:	Maloz Engineering
Contact:	mahoney@maloz.com

Reports / Recipients

Select Report Format: ☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)
Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A
☐ Compare Results to Criteria on Report - provide details below if box checked
Select Distribution: ☒ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: superville@maloz.com
Email 2: button@maloz.com
Email 3: pyke@maloz.com

Invoice Recipients

Select Invoice Distribution: ☒ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: mahoney@maloz.com
Email 2:

Turnaround Time (TAT) Requested

☒ Routine [R] if received by 3pm M-F - no surcharges apply
☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minim
☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minim
☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minim
☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minim
☐ Same day [E2] if received by 10am M-S - 200% rush surcharge. Ad may apply to rush requests on weekends, statutory holidays and non-

Date and Time Required for all E&P TATs:

For all tests with rush TATs requested, please

Project Information

ALS Account # / Quote #: MEI0100
Job #: 1037
PO / AFE:
LSD:

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#
Major/Minor Code: Routing Code:
Requisitioner:
Location:

ALS Lab Work Order # (ALS use only): WT2414430
ALS Contact: Sampler:

Analysis R

Indicate Filtered (F), Preserved (P) or Filtered ar

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	Per Quote PFAS	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	24-W001	28-May-24	10:52am	GW	3	X			
	24-W002		10:52am						
	24-W003		10:57am						
	24-W004		11:23am						
	24-W005		1:08pm						
	24-W006		2:04pm						
	24-W007		2:08pm						
	~~24-W008~~ 24-W014	29-May-24	11:00am						
	24-W017		1:05pm						
	24-W018		2:00pm						
	24-W030	28-May-24	1:15pm						

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☒ NO
Are samples for human consumption/ use? ☐ YES ☒ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

- Extended package E745 *
- Client code MEI0100
- Rec

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED
Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO
Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
				8.6			

SHIPMENT RELEASE (client use)

Released by:	Date:	Time:
Adam Superville	24/05/31	

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:

FINAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:
BB	06/04/24	8:45

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

AUG 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

CERTIFICATE OF ANALYSIS

Final Report

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured. Canadian owned.

C.O.C.: G 131089 **REPORT No: 24-034121 - Rev. 0**

Report To:
Malroz Engineering Inc.
308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8

CADUCEON Environmental Laboratories
285 Dalton Ave
Kingston, ON K7K 6Z1

Attention: Adam Superville

DATE RECEIVED: 2024-Oct-30
DATE REPORTED: 2024-Nov-20
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Landsdowne WDS
P.O. NUMBER: 1037

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	22	OTTAWA	LMACGREGOR	2024-Nov-10	A-IC-01	SM 4110B
BOD5 (Liquid)	22	KINGSTON	JWOLFE2	2024-Nov-07	BOD-001	SM 5210B
COD (Liquid)	22	KINGSTON	DCASSIDY	2024-Nov-05	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	22	OTTAWA	SBOUDREAU	2024-Nov-05	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
DOC/DIC (Liquid)	22	OTTAWA	TPRICE	2024-Nov-15	C-OC-01	EPA 415.2
Ion Balance (Calc.)	21	OTTAWA	ASCHNEIDER		CP-028	MECP E3196
ICP/MS (Liquid)	22	OTTAWA	AOZKAYMAK	2024-Nov-05	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	22	OTTAWA	APRUDYVUS	2024-Nov-04	D-ICP-01	SM 3120B
Mercury (Liquid)	22	OTTAWA	TBENNETT	2024-Nov-04	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	22	KINGSTON	KDIBBITS	2024-Nov-06	NH3-001	SM 4500NH3
Phenols (Liquid)	22	KINGSTON	EHINCH	2024-Nov-07	PHEN-01	MECP E3179
TP & TKN (Liquid)	22	KINGSTON	KDIBBITS	2024-Nov-06	TPTKN-001	MECP E3516.2
TSS (Liquid)	22	KINGSTON	MCLOSS	2024-Nov-01	TSS-001	SM 2540D

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Michelle Dubien
Data Specialist

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		Client I.D.	24-W032	24-W033	24-W034	24-W035	24-W036
		Sample I.D.	24-034121-1	24-034121-2	24-034121-3	24-034121-4	24-034121-5
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-28	2024-10-28
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	447	441	367	744	453
TDS (Calc. from Cond.)	mg/L	3	649	637	807	1310	569
Conductivity @25°C	uS/cm	1	1200	1180	1480	2360	1060
pH @25°C	pH units	-	8.20	8.20	7.86	7.72	8.08
Chloride	mg/L	0.5	98.4	94.9	276	123	81.7
Nitrate (N)	mg/L	0.05	0.13	0.11	1.99	2.78	0.23
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	<0.40	<0.05
Sulphate	mg/L	1	45	46	27	523	12
BOD5	mg/L	3	4	4	<3	<3	<3
Total Suspended Solids	mg/L	3	12	16	18	6	595
Phosphorus (Total)	mg/L	0.01	3.25	3.19	0.20	0.24	0.33
Total Kjeldahl Nitrogen	mg/L	0.1	0.8	0.8	0.2	0.6	1.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.32	0.31	<0.05	0.06	0.62
Dissolved Organic Carbon	mg/L	0.2	6.0	6.4	2.2	12.8	15.0
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	31	26	9	24	55
Hardness (as CaCO3)	mg/L	0.02	115	115	611	1210	534
Aluminum	mg/L	0.01	<0.01	<0.01	0.04	0.07	0.03
Barium	mg/L	0.001	0.071	0.071	0.620	0.064	0.533
Boron	mg/L	0.005	0.113	0.112	0.060	1.80	0.076
Calcium	mg/L	0.02	20.8	20.8	102	240	104

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		Client I.D.	24-W032	24-W033	24-W034	24-W035	24-W036
		Sample I.D.	24-034121-1	24-034121-2	24-034121-3	24-034121-4	24-034121-5
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-28	2024-10-28
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.157	0.157	<0.005	0.023	1.24
Magnesium	mg/L	0.02	15.4	15.2	86.3	147	66.8
Manganese	mg/L	0.001	0.052	0.052	<0.001	<0.001	0.068
Potassium	mg/L	0.1	3.6	3.6	2.7	28.9	3.6
Sodium	mg/L	0.2	232	230	91.5	141	23.3
Strontium	mg/L	0.001	0.424	0.421	1.05	2.30	1.13
Zinc	mg/L	0.005	0.007	0.006	<0.005	0.006	<0.005
Arsenic	mg/L	0.0001	0.0049	0.0049	0.0002	0.0005	0.0002
Cadmium	mg/L	0.000015	0.000043	0.000037	<0.000015	0.000018	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001	0.002	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0003	0.0003	0.0001	0.0008	0.0002
Copper	mg/L	0.0001	0.0007	0.0007	0.0004	0.0055	0.0005
Lead	mg/L	0.00002	0.00024	0.00024	0.00002	<0.00004	0.00006
Molybdenum	mg/L	0.0001	0.0302	0.0296	0.0040	0.0020	0.0001
Nickel	mg/L	0.0002	0.0017	0.0016	0.0009	0.0112	0.0016
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.0145	0.0147	0.00323	0.00862	0.00011
Vanadium	mg/L	0.0001	0.0023	0.0022	0.0006	0.0004	0.0002
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Anion Sum	meq/L	-	12.7	12.4	15.8	29.4	11.6
Cation Sum	meq/L	-	12.5	12.4	16.3	31.0	11.9

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		Client I.D.	24-W032	24-W033	24-W034	24-W035	24-W036
		Sample I.D.	24-034121-1	24-034121-2	24-034121-3	24-034121-4	24-034121-5
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-28	2024-10-28
Parameter	**Units**	**R.L.**	-	-	-	-	-
% Difference	%	-	0.565	0.0487	1.41	2.69	1.25
Ion Ratio	-	-	1.01	1.00	0.972	0.948	0.975
Sodium Adsorption Ratio	-	-	9.39	9.36	1.61	1.77	0.438
TDS (Ion Sum Calc)	mg/L	1	684	676	815	1660	566
TDS(calc.)/EC(actual)	-	-	0.569	0.572	0.550	0.704	0.533
Conductivity Calc	µmho/cm	-	1160	1140	1530	2310	1050
Conductivity Calc / Conductivity	-	-	0.961	0.967	1.03	0.977	0.988
Langelier Index(25°C)	-	-	0.686	0.679	0.942	1.46	1.28
Saturation pH (25°C)	-	-	7.51	7.52	6.92	6.26	6.80

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		Client I.D.	24-W037	24-W038	24-W039	24-W041	24-W042
		Sample I.D.	24-034121-6	24-034121-7	24-034121-8	24-034121-9	24-034121-10
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-30	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	559	447	351	343	331
TDS (Calc. from Cond.)	mg/L	3	662	548	628	683	369
Conductivity @25°C	uS/cm	1	1230	1020	1170	1260	711
pH @25°C	pH units	-	7.91	8.03	7.97	7.90	8.05
Chloride	mg/L	0.5	77.9	62.4	165	204	18.3
Nitrate (N)	mg/L	0.05	<0.05	0.19	<0.05	<0.05	0.10
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	14	24	35	33	27
BOD5	mg/L	3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3	17	9	4	338	6
Phosphorus (Total)	mg/L	0.01	0.10	0.30	0.03	0.24	0.38
Total Kjeldahl Nitrogen	mg/L	0.1	0.8	0.3	0.1	0.1	0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.39	<0.05	<0.05	<0.05	<0.05
Dissolved Organic Carbon	mg/L	0.2	11.1	7.2	3.7	2.3	2.8
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	26	15	7	9	<5
Hardness (as CaCO3)	mg/L	0.02	613	503	553	595	349
Aluminum	mg/L	0.01	0.03	0.03	0.03	0.04	0.02
Barium	mg/L	0.001	1.03	0.458	0.378	0.561	0.175
Boron	mg/L	0.005	0.330	0.392	0.062	0.072	0.221
Calcium	mg/L	0.02	98.3	86.9	104	112	76.4

Michelle Dubien
Data Specialist

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		Client I.D.	24-W037	24-W038	24-W039	24-W041	24-W042
		Sample I.D.	24-034121-6	24-034121-7	24-034121-8	24-034121-9	24-034121-10
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-30	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.957	0.012	0.060	0.481	0.092
Magnesium	mg/L	0.02	89.4	69.6	71.0	76.8	38.5
Manganese	mg/L	0.001	0.027	<0.001	0.014	0.131	0.079
Potassium	mg/L	0.1	3.9	5.6	3.0	3.5	2.9
Sodium	mg/L	0.2	54.5	46.0	39.3	41.1	28.7
Strontium	mg/L	0.001	2.40	2.84	0.878	1.06	1.48
Zinc	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0003	0.0004	0.0002	0.0002	0.0003
Cadmium	mg/L	0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0002	0.0002	0.0002	0.0003	0.0002
Copper	mg/L	0.0001	0.0005	0.0007	0.0004	0.0005	0.0004
Lead	mg/L	0.00002	<0.00002	0.00003	<0.00002	<0.00002	0.00004
Molybdenum	mg/L	0.0001	0.0005	0.0020	0.0022	0.0019	0.0015
Nickel	mg/L	0.0002	0.0025	0.0030	0.0009	0.0009	0.0005
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	<0.00005	0.00115	0.00247	0.00304	0.00188
Vanadium	mg/L	0.0001	0.0001	<0.0001	0.0005	<0.0001	<0.0001
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Anion Sum	meq/L	-	13.7	11.2	12.4	13.3	7.70
Cation Sum	meq/L	-	14.9	12.3	12.9	13.8	8.34

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Data Specialist

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		Client I.D.	24-W037	24-W038	24-W039	24-W041	24-W042
		Sample I.D.	24-034121-6	24-034121-7	24-034121-8	24-034121-9	24-034121-10
		Date Collected	2024-10-28	2024-10-28	2024-10-28	2024-10-30	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
% Difference	%	-	4.26	4.50	1.83	1.91	4.00
Ion Ratio	-	-	0.918	0.914	0.964	0.963	0.923
Sodium Adsorption Ratio	-	-	0.958	0.892	0.727	0.734	0.668
TDS (Ion Sum Calc)	mg/L	1	675	564	628	677	391
TDS(calc.)/EC(actual)	-	-	0.550	0.550	0.539	0.536	0.550
Conductivity Calc	µmho/cm	-	1220	1030	1190	1290	717
Conductivity Calc / Conductivity	-	-	0.997	1.01	1.02	1.02	1.01
Langelier Index(25°C)	-	-	1.17	1.15	1.06	1.00	1.00
Saturation pH (25°C)	-	-	6.74	6.88	6.91	6.90	7.05

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		Client I.D.	24-W043	24-W044	24-W045	24-W046	24-W047
		Sample I.D.	24-034121-11	24-034121-12	24-034121-13	24-034121-14	24-034121-15
		Date Collected	2024-10-29	2024-10-29	2024-10-29	2024-10-29	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	330	625	588	337	261
TDS (Calc. from Cond.)	mg/L	3	367	2130	961	379	381
Conductivity @25°C	uS/cm	1	707	3790	1750	727	730
pH @25°C	pH units	-	8.08	7.39	7.63	8.05	7.99
Chloride	mg/L	0.5	18.4	996	193	8.2	8.7
Nitrate (N)	mg/L	0.05	0.08	<0.40	0.09	<0.05	25.4
Nitrite (N)	mg/L	0.05	<0.05	<0.40	<0.05	<0.05	0.17
Sulphate	mg/L	1	28	59	115	46	15
BOD5	mg/L	3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3	5	105	925	4	295
Phosphorus (Total)	mg/L	0.01	0.41	0.22	0.49	0.02	2.60
Total Kjeldahl Nitrogen	mg/L	0.1	0.2	0.4	0.4	0.1	2.4
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.05	0.09	0.06	<0.05	0.12
Dissolved Organic Carbon	mg/L	0.2	2.2	4.9	6.0	2.5	6.8
Phenolics	mg/L	0.001	0.002	<0.001	<0.001	0.005	0.001
COD	mg/L	5	6	51	80	<5	85
Hardness (as CaCO3)	mg/L	0.02	354	1540	856	356	361
Aluminum	mg/L	0.01	0.02	0.09	0.06	0.03	0.02
Barium	mg/L	0.001	0.178	0.975	0.174	0.209	0.071
Boron	mg/L	0.005	0.224	0.057	0.313	0.230	0.010
Calcium	mg/L	0.02	77.1	340	185	80.6	82.7

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		Client I.D.	24-W043	24-W044	24-W045	24-W046	24-W047
		Sample I.D.	24-034121-11	24-034121-12	24-034121-13	24-034121-14	24-034121-15
		Date Collected	2024-10-29	2024-10-29	2024-10-29	2024-10-29	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.092	9.07	0.063	0.431	<0.005
Magnesium	mg/L	0.02	39.2	167	95.9	37.7	37.5
Manganese	mg/L	0.001	0.080	2.18	0.340	0.125	0.025
Potassium	mg/L	0.1	3.0	3.4	3.7	1.8	1.6
Sodium	mg/L	0.2	29.2	226	72.6	31.1	16.9
Strontium	mg/L	0.001	1.51	2.01	0.730	2.02	0.426
Zinc	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0003	0.0053	0.0003	0.0002	0.0003
Cadmium	mg/L	0.000015	<0.000015	<0.000015	0.000037	<0.000015	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0002	0.0063	0.0028	0.0001	0.0002
Copper	mg/L	0.0001	0.0004	0.0016	0.0007	0.0003	0.0027
Lead	mg/L	0.00002	0.00004	<0.00004	0.00014	0.00004	<0.00002
Molybdenum	mg/L	0.0001	0.0014	0.0006	0.0017	0.0011	0.0010
Nickel	mg/L	0.0002	0.0005	0.0065	0.0087	0.0004	0.0009
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00181	0.00257	0.00460	0.00078	0.00182
Vanadium	mg/L	0.0001	<0.0001	<0.0001	0.0009	<0.0001	0.0022
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Anion Sum	meq/L	-	7.70	41.8	19.6	7.93	7.60
Cation Sum	meq/L	-	8.47	41.3	20.4	8.60	8.01

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Data Specialist

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		Client I.D.	24-W043	24-W044	24-W045	24-W046	24-W047
		Sample I.D.	24-034121-11	24-034121-12	24-034121-13	24-034121-14	24-034121-15
		Date Collected	2024-10-29	2024-10-29	2024-10-29	2024-10-29	2024-10-29
Parameter	**Units**	**R.L.**	-	-	-	-	-
% Difference	%	-	4.77	0.646	2.04	4.03	2.62
Ion Ratio	-	-	0.909	1.01	0.960	0.923	0.949
Sodium Adsorption Ratio	-	-	0.676	2.51	1.08	0.717	0.388
TDS (Ion Sum Calc)	mg/L	1	393	2180	1020	409	432
TDS(calc.)/EC(actual)	-	-	0.556	0.575	0.581	0.562	0.592
Conductivity Calc	µmho/cm	-	723	3640	1730	731	737
Conductivity Calc / Conductivity	-	-	1.02	0.960	0.986	1.01	1.01
Langelier Index(25°C)	-	-	1.03	1.20	1.15	1.02	0.861
Saturation pH (25°C)	-	-	7.05	6.19	6.48	7.03	7.13

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		Client I.D.	24-W048	24-W049	24-W051	24-W052	24-W054
		Sample I.D.	24-034121-16	24-034121-17	24-034121-18	24-034121-19	24-034121-20
		Date Collected	2024-10-29	2024-10-29	2024-10-30	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	404	383	745	253	321
TDS (Calc. from Cond.)	mg/L	3	677	602	753	290	358
Conductivity @25°C	uS/cm	1	1250	1120	1390	560	690
pH @25°C	pH units	-	7.89	7.86	7.65	8.15	7.97
Chloride	mg/L	0.5	152	44.3	13.3	6.6	5.9
Nitrate (N)	mg/L	0.05	0.08	18.7	0.08	0.09	9.87
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	51	99	13	36	7
BOD5	mg/L	3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3	5450	4000	22000	2620	4720
Phosphorus (Total)	mg/L	0.01	1.73	1.18	4.95	0.24	2.42
Total Kjeldahl Nitrogen	mg/L	0.1	0.5	1.2	10.1	0.2	0.7
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.05	0.11	7.54	0.08	0.05
Dissolved Organic Carbon	mg/L	0.2	8.1	13.5	15.3	2.7	2.6
Phenolics	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5	35	201	199	10	91
Hardness (as CaCO3)	mg/L	0.02	531	538	715	285	369
Aluminum	mg/L	0.01	0.04	0.04	0.06	0.03	0.03
Barium	mg/L	0.001	0.840	0.116	0.573	0.317	0.137
Boron	mg/L	0.005	0.053	0.054	0.649	0.123	0.011
Calcium	mg/L	0.02	138	134	178	66.6	84.9

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Data Specialist

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		Client I.D.	24-W048	24-W049	24-W051	24-W052	24-W054
		Sample I.D.	24-034121-16	24-034121-17	24-034121-18	24-034121-19	24-034121-20
		Date Collected	2024-10-29	2024-10-29	2024-10-30	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-	-	-
Iron	mg/L	0.005	0.159	<0.005	17.0	0.514	0.027
Magnesium	mg/L	0.02	45.5	49.6	65.4	28.8	38.3
Manganese	mg/L	0.001	0.440	0.145	0.085	0.071	0.005
Potassium	mg/L	0.1	17.9	10.1	17.8	2.0	1.4
Sodium	mg/L	0.2	45.7	40.8	44.2	16.0	14.4
Strontium	mg/L	0.001	0.784	0.759	0.980	0.721	0.396
Zinc	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0001	0.0007	0.0085	0.0002	0.0001
Cadmium	mg/L	0.000015	<0.000015	<0.000015	<0.000015	<0.000015	0.000186
Chromium	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	0.002
Cobalt	mg/L	0.0001	0.0005	0.0004	0.0047	0.0001	0.0009
Copper	mg/L	0.0001	0.0022	0.0048	0.0004	0.0002	0.0008
Lead	mg/L	0.00002	<0.00002	0.00005	<0.00002	0.00002	<0.00002
Molybdenum	mg/L	0.0001	0.0006	0.0031	0.0006	0.0010	0.0042
Nickel	mg/L	0.0002	0.0014	0.0028	0.0073	0.0004	0.0053
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00318	0.00239	0.00028	0.00014	0.00140
Vanadium	mg/L	0.0001	0.0002	0.0022	0.0006	<0.0001	0.0004
Mercury	mg/L	0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Anion Sum	meq/L	-	13.4	12.3	15.6	5.99	7.43
Cation Sum	meq/L	-	13.1	12.8	18.1	6.49	8.06

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Data Specialist

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		Client I.D.	24-W048	24-W049	24-W051	24-W052	24-W054
		Sample I.D.	24-034121-16	24-034121-17	24-034121-18	24-034121-19	24-034121-20
		Date Collected	2024-10-29	2024-10-29	2024-10-30	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-	-	-
% Difference	%	-	1.18	2.10	7.65	4.00	4.05
Ion Ratio	-	-	1.02	0.959	0.858	0.923	0.922
Sodium Adsorption Ratio	-	-	0.862	0.765	0.719	0.413	0.326
TDS (Ion Sum Calc)	mg/L	1	693	690	807	309	388
TDS(calc.)/EC(actual)	-	-	0.553	0.615	0.582	0.551	0.563
Conductivity Calc	µmho/cm	-	1240	1140	1350	569	701
Conductivity Calc / Conductivity	-	-	0.989	1.01	0.974	1.02	1.02
Langelier Index(25°C)	-	-	1.15	1.09	1.28	0.933	0.953
Saturation pH (25°C)	-	-	6.74	6.77	6.37	7.22	7.02

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Data Specialist

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		Client I.D.	24-W055	24-W056
		Sample I.D.	24-034121-21	24-034121-22
		Date Collected	2024-10-30	2024-10-30
Parameter	Units	R.L.	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	615	<5
TDS (Calc. from Cond.)	mg/L	3	665	<3
Conductivity @25°C	uS/cm	1	1230	<1
pH @25°C	pH units	-	7.80	6.28
Chloride	mg/L	0.5	41.2	<0.5
Nitrate (N)	mg/L	0.05	<0.05	<0.05
Nitrite (N)	mg/L	0.05	<0.05	<0.05
Sulphate	mg/L	1	24	<1
BOD5	mg/L	3	<3	<3
Total Suspended Solids	mg/L	3	4800	<3
Phosphorus (Total)	mg/L	0.01	3.96	0.02
Total Kjeldahl Nitrogen	mg/L	0.1	1.4	<0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.31	<0.05
Dissolved Organic Carbon	mg/L	0.2	8.4	0.9
Phenolics	mg/L	0.001	<0.001	0.001
COD	mg/L	5	158	<5
Hardness (as CaCO3)	mg/L	0.02	653	0.06
Aluminum	mg/L	0.01	0.05	<0.01
Barium	mg/L	0.001	0.572	<0.001
Boron	mg/L	0.005	0.306	<0.005
Calcium	mg/L	0.02	136	<0.02

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		Client I.D.	24-W055	24-W056
		Sample I.D.	24-034121-21	24-034121-22
		Date Collected	2024-10-30	2024-10-30
Parameter	Units	R.L.	-	-
Iron	mg/L	0.005	2.68	<0.005
Magnesium	mg/L	0.02	75.8	<0.02
Manganese	mg/L	0.001	0.215	<0.001
Potassium	mg/L	0.1	3.6	<0.1
Sodium	mg/L	0.2	40.6	<0.2
Strontium	mg/L	0.001	1.55	<0.001
Zinc	mg/L	0.005	<0.005	<0.005
Arsenic	mg/L	0.0001	0.0011	<0.0001
Cadmium	mg/L	0.000015	<0.000015	<0.000015
Chromium	mg/L	0.001	<0.001	<0.001
Cobalt	mg/L	0.0001	0.0014	<0.0001
Copper	mg/L	0.0001	0.0003	0.0003
Lead	mg/L	0.00002	0.00004	<0.00002
Molybdenum	mg/L	0.0001	0.0008	<0.0001
Nickel	mg/L	0.0002	0.0029	<0.0002
Silver	mg/L	0.0001	<0.0001	<0.0001
Uranium	mg/L	0.00005	0.00140	<0.00005
Vanadium	mg/L	0.0001	0.0001	<0.0001
Mercury	mg/L	0.00002	<0.00002	<0.00002
Anion Sum	meq/L	-	14.0	
Cation Sum	meq/L	-	15.1	

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		Client I.D.	24-W055	24-W056
		Sample I.D.	24-034121-21	24-034121-22
		Date Collected	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-
% Difference	%	-	4.00	
Ion Ratio	-	-	0.923	
Sodium Adsorption Ratio	-	-	0.692	
TDS (Ion Sum Calc)	mg/L	1	694	
TDS(calc.)/EC(actual)	-	-	0.564	
Conductivity Calc	µmho/cm	-	1220	
Conductivity Calc / Conductivity	-	-	0.989	
Langelier Index(25°C)	-	-	1.24	
Saturation pH (25°C)	-	-	6.56	

Elevated RLs due to sample matrix interferences

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Data Specialist

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G 131091 **REPORT No: 24-034142 - Rev. 0**

Report To:
Malroz Engineering Inc.
308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8

CADUCEON Environmental Laboratories
285 Dalton Ave
Kingston, ON K7K 6Z1

Attention: Adam Superville

DATE RECEIVED: 2024-Oct-30
DATE REPORTED: 2024-Nov-16
SAMPLE MATRIX: Surface Water

CUSTOMER PROJECT: Landsdowne WDS
P.O. NUMBER: 1037

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	3	OTTAWA	PCURIEL	2024-Nov-09	A-IC-01	SM 4110B
BOD5 (Liquid)	3	KINGSTON	JWOLFE2	2024-Nov-07	BOD-001	SM 5210B
COD (Liquid)	3	KINGSTON	DCASSIDY	2024-Nov-06	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	3	OTTAWA	SBOUDREAU	2024-Nov-05	COND-02/PH-02/A LK-02	SM 2510B/4500H/ 2320B
DOC/DIC (Liquid)	3	OTTAWA	TPRICE	2024-Nov-13	C-OC-01	EPA 415.2
Ion Balance (Calc.)	3	OTTAWA	ASCHNEIDER		CP-028	MECP E3196
ICP/MS Total (Liquid)	3	OTTAWA	AOZKAYMAK	2024-Nov-05	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	3	OTTAWA	APRUDYVUS	2024-Nov-04	D-ICP-01	SM 3120B
ICP/OES (Liquid)	3	OTTAWA	TPRICE	2024-Nov-05	D-ICP-01	SM 3120B
Mercury (Liquid) Lab Filtered	3	OTTAWA	TBENNETT	2024-Nov-05	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	3	KINGSTON	JYEARWOOD	2024-Nov-04	NH3-001	SM 4500NH3
Phenols (Liquid)	3	KINGSTON	EHINCH	2024-Nov-07	PHEN-01	MECP E3179
TP & TKN (Liquid)	3	KINGSTON	KDIBBITS	2024-Nov-06	TPTKN-001	MECP E3516.2
TSS (Liquid)	3	KINGSTON	MCLOSS	2024-Nov-04	TSS-001	SM 2540D

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Michelle Dubien
Data Specialist

The analytical results reported herein refer to the samples as received and relate only to the items tested. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

		Client I.D.	24-W040	24-W050	24-W053
		Sample I.D.	24-034142-1	24-034142-2	24-034142-3
		Date Collected	2024-10-29	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	124	93	51
TDS (Calc. from Cond.)	mg/L	3	187	151	60
Conductivity @25°C	uS/cm	1	364	295	119
pH @25°C	pH units	-	7.61	7.32	6.93
Chloride	mg/L	0.5	35.7	27.6	3.7
Nitrate (N)	mg/L	0.05	0.11	0.11	<0.05
Nitrite (N)	mg/L	0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	3	5	<1
BOD5	mg/L	3	4	6	7
Total Suspended Solids	mg/L	3	100	350	48
Phosphorus (Total)	mg/L	0.01	0.57	1.33	0.36
Total Kjeldahl Nitrogen	mg/L	0.1	3.3	4.5	3.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	0.54	0.63	<0.05
Ammonia (N)-unionized	mg/L	0.01	0.01	<0.01	<0.01
o-Phosphate (P)	mg/L	0.002	0.343	1.24	0.053
Dissolved Organic Carbon	mg/L	0.2	5.1	5.1	48.0
Phenolics	mg/L	0.001	<0.001	0.001	0.004
COD	mg/L	5	155	227	187
Aluminum	mg/L	0.01	0.06	0.99	0.24
Hardness (as CaCO3)	mg/L	0.02	173	169	69.3
Aluminum (Total)	mg/L	0.01	4.96	17.8	0.43

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		Client I.D.	24-W040	24-W050	24-W053
		Sample I.D.	24-034142-1	24-034142-2	24-034142-3
		Date Collected	2024-10-29	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-
Barium (Total)	mg/L	0.001	0.163	0.347	0.036
Boron (Total)	mg/L	0.005	0.008	0.022	0.022
Calcium (Total)	mg/L	0.02	39.8	32.6	13.5
Iron (Total)	mg/L	0.005	6.39	21.8	2.78
Magnesium (Total)	mg/L	0.02	17.8	21.4	8.66
Manganese (Total)	mg/L	0.001	0.071	0.442	0.173
Potassium (Total)	mg/L	0.1	6.2	13.8	6.4
Sodium (Total)	mg/L	0.2	15.9	11.0	4.1
Strontium (Total)	mg/L	0.001	0.235	0.202	0.104
Zinc (Total)	mg/L	0.005	0.029	0.093	0.018
Arsenic (Total)	mg/L	0.0001	0.0015	0.0025	0.0006
Cadmium (Total)	mg/L	0.000015	0.000055	0.000183	0.000024
Chromium (Total)	mg/L	0.001	0.008	0.025	0.001
Cobalt (Total)	mg/L	0.0001	0.0027	0.0087	0.0013
Copper (Total)	mg/L	0.0001	0.0074	0.0179	0.0015
Lead (Total)	mg/L	0.00002	0.00247	0.00841	0.00073
Molybdenum (Total)	mg/L	0.0001	0.0004	0.0009	0.0002
Nickel (Total)	mg/L	0.0002	0.0070	0.0197	0.0023
Uranium (Total)	mg/L	0.00005	0.00128	0.00091	0.00007
Vanadium (Total)	mg/L	0.0001	0.0123	0.0357	0.0013
Mercury (Filtered)	mg/L	0.00002	<0.00002	<0.00002	<0.00002

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		Client I.D.	24-W040	24-W050	24-W053
		Sample I.D.	24-034142-1	24-034142-2	24-034142-3
		Date Collected	2024-10-29	2024-10-30	2024-10-30
Parameter	**Units**	**R.L.**	-	-	-
Anion Sum	meq/L	-	3.58	2.87	1.13
Cation Sum	meq/L	-	4.35	3.17	1.48
% Difference	%	-	9.78	4.83	13.3
Ion Ratio	-	-	0.822	0.908	0.765
Sodium Adsorption Ratio	-	-	0.526	0.358	0.188
TDS (Ion Sum Calc)	mg/L	1	194	149	62
TDS(calc.)/EC(actual)	-	-	0.532	0.505	0.525
Conductivity Calc	µmho/cm	-	397	301	131
Conductivity Calc / Conductivity	-	-	1.09	1.02	1.10
Langelier Index(25°C)	-	-	-0.120	-0.691	-1.66
Saturation pH (25°C)	-	-	7.73	8.01	8.59
pH (Client Data)	pH units	-	6.91	7.73	6.81
Temperature (Client Data)	°C	-	9.55	16.35	10.93

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ALS Canada Ltd.

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CERTIFICATE OF ANALYSIS

Work Order	: **WT2432620**		
Client	: **Malroz Engineering Inc.**	Laboratory	: ALS Environmental - Waterloo
Contact	: Adam Superville	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston Ontario Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo ON Canada N2V 2B8
Telephone	: ----	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 01-Nov-2024 09:00
PO	: ----	Date Analysis Commenced	: 05-Nov-2024
C-O-C number	: 20-955993	Issue Date	: 20-Nov-2024 14:51
Sampler	: CLIENT		
Site	: ----		
Quote number	: PFAS in Soil and Water		
No. of samples received	: 13		
No. of samples analysed	: 13		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Sanja Risticevic	Department Manager - LCMS	LCMS, Waterloo, Ontario

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

Unit	*Description*
µg/L	micrograms per litre

<: less than.
>: greater than.
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Qualifiers

Qualifier	Description
DLM	Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

				Client sample ID	24-W032	24-W033	24-W034	24-W035	24-W037
				Client sampling date / time	28-Oct-2024 11:55	28-Oct-2024 11:55	28-Oct-2024 11:25	28-Oct-2024 13:18	28-Oct-2024 15:03
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-001	WT2432620-002	WT2432620-003	WT2432620-004	WT2432620-005
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745/WT	0.050	µg/L	<0.050	<0.050	<0.050	<0.050	<0.050
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745/WT	1.0	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

				Client sample ID	24-W032	24-W033	24-W034	24-W035	24-W037
				Client sampling date / time	28-Oct-2024 11:55	28-Oct-2024 11:55	28-Oct-2024 11:25	28-Oct-2024 13:18	28-Oct-2024 15:03
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-001	WT2432620-002	WT2432620-003	WT2432620-004	WT2432620-005
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	0.140 DLM	<0.100 DLM
Perfluorobutanoic acid [PFBA]	375-22-4	E745/WT	0.10	µg/L	<0.50 DLM	<0.50 DLM	<0.50 DLM	<0.50 DLM	<0.50 DLM
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorodecanoic acid [PFDA]	335-76-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanoic acid [PFDoA]	307-55-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.162	0.048
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.206	<0.020
Perfluorohexanoic acid [PFHxA]	307-24-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.422	0.098
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

				Client sample ID	24-W032	24-W033	24-W034	24-W035	24-W037
				Client sampling date / time	28-Oct-2024 11:55	28-Oct-2024 11:55	28-Oct-2024 11:25	28-Oct-2024 13:18	28-Oct-2024 15:03
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-001	WT2432620-002	WT2432620-003	WT2432620-004	WT2432620-005
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Perfluorononanoic acid [PFNA]	375-95-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.030	<0.020
Perfluorooctanoic acid [PFOA]	335-67-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.322	0.094
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	0.034	<0.020
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	0.290 DLM	<0.100 DLM
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Per- and Polyfluoroalkyl Substances (PFAS) Surrogates									
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	E745/WT	0.01	%	110	94.0	96.0	92.8	94.0

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Analytical Results

Sub-Matrix: Water (Matrix: Water)				Client sample ID	24-W038	24-W039	24-W041	24-W042	24-W043
				Client sampling date / time	28-Oct-2024 15:26	28-Oct-2024 16:45	30-Oct-2024 14:45	29-Oct-2024 11:25	29-Oct-2024 11:25
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-006	WT2432620-007	WT2432620-008	WT2432620-009	WT2432620-010
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745/WT	0.050	µg/L	<0.050	<0.050	<0.050	<0.050	<0.050
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9 -chloro- [9Cl-PF3ONS]	756426-58-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745/WT	1.0	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

				Client sample ID	24-W038	24-W039	24-W041	24-W042	24-W043
				Client sampling date / time	28-Oct-2024 15:26	28-Oct-2024 16:45	30-Oct-2024 14:45	29-Oct-2024 11:25	29-Oct-2024 11:25
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-006	WT2432620-007	WT2432620-008	WT2432620-009	WT2432620-010
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	<0.100 DLM	<0.100 DLM
Perfluorobutanoic acid [PFBA]	375-22-4	E745/WT	0.10	µg/L	<0.50 DLM	<0.50 DLM	<0.50 DLM	<0.50 DLM	<0.50 DLM
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorodecanoic acid [PFDA]	335-76-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorododecanoic acid [PFDoA]	307-55-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745/WT	0.020	µg/L	0.046	<0.020	<0.020	<0.020	<0.020
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745/WT	0.020	µg/L	0.032	<0.020	<0.020	<0.020	<0.020
Perfluorohexanoic acid [PFHxA]	307-24-4	E745/WT	0.020	µg/L	0.090	<0.020	<0.020	<0.020	<0.020
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

				Client sample ID	24-W038	24-W039	24-W041	24-W042	24-W043
				Client sampling date / time	28-Oct-2024 15:26	28-Oct-2024 16:45	30-Oct-2024 14:45	29-Oct-2024 11:25	29-Oct-2024 11:25
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-006	WT2432620-007	WT2432620-008	WT2432620-009	WT2432620-010
					Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances (PFAS)									
Perfluorononanoic acid [PFNA]	375-95-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorooctanoic acid [PFOA]	335-67-1	E745/WT	0.020	µg/L	0.130	<0.020	<0.020	<0.020	<0.020
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	<0.100 DLM	<0.100 DLM
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Per- and Polyfluoroalkyl Substances (PFAS) Surrogates									
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	E745/WT	0.01	%	103	105	95.6	109	108

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Analytical Results

Sub-Matrix: Water (Matrix: Water)				Client sample ID	24-W044	24-W046	24-W047	----	----
				Client sampling date / time	29-Oct-2024 12:00	29-Oct-2024 13:50	29-Oct-2024 14:25	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-011	WT2432620-012	WT2432620-013	----	----
					Result	Result	Result	----	----
Per- and Polyfluoroalkyl Substances (PFAS)									
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	----	----
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	----	----
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745/WT	0.10	µg/L	<0.10	<0.10	<0.10	----	----
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745/WT	0.050	µg/L	<0.050	<0.050	<0.050	----	----
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9 -chloro- [9Cl-PF3ONS]	756426-58-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745/WT	1.0	µg/L	<1.0	<1.0	<1.0	----	----

Analytical Results

Sub-Matrix: Water (Matrix: Water)				Client sample ID	24-W044	24-W046	24-W047	----	----
				Client sampling date / time	29-Oct-2024 12:00	29-Oct-2024 13:50	29-Oct-2024 14:25	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-011	WT2432620-012	WT2432620-013	----	----
					Result	Result	Result	----	----
Per- and Polyfluoroalkyl Substances (PFAS)									
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	----	----
Perfluorobutanoic acid [PFBA]	375-22-4	E745/WT	0.10	µg/L	<0.50 DLM	<0.50 DLM	<0.50 DLM	----	----
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorodecanoic acid [PFDA]	335-76-2	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorododecanoic acid [PFDoA]	307-55-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorohexanoic acid [PFHxA]	307-24-4	E745/WT	0.020	µg/L	<0.022 DLM	<0.020	<0.020	----	----
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----

Analytical Results

Sub-Matrix: Water (Matrix: Water)				Client sample ID	24-W044	24-W046	24-W047	----	----
				Client sampling date / time	29-Oct-2024 12:00	29-Oct-2024 13:50	29-Oct-2024 14:25	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WT2432620-011	WT2432620-012	WT2432620-013	----	----
					Result	Result	Result	----	----
Per- and Polyfluoroalkyl Substances (PFAS)									
Perfluorononanoic acid [PFNA]	375-95-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorooctanoic acid [PFOA]	335-67-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745/WT	0.020	µg/L	<0.100 DLM	<0.100 DLM	<0.100 DLM	----	----
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745/WT	0.020	µg/L	<0.020	<0.020	<0.020	----	----
Per- and Polyfluoroalkyl Substances (PFAS) Surrogates									
Perfluorooctanesulfonic acid [13C8-PFOS]	2265893-05-6	E745/WT	0.01	%	98.8	94.4	96.8	----	----

Please refer to the General Comments section for an explanation of any result qualifiers detected.

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QUALITY CONTROL INTERPRETIVE REPORT

Work Order	: **WT2432620**	Page	: 1 of 6
Client	: **Malroz Engineering Inc.**	Laboratory	: ALS Environmental - Waterloo
Contact	: Adam Superville	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston ON Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: ----	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 01-Nov-2024 09:00
PO	: ----	Issue Date	: 20-Nov-2024 14:50
C-O-C number	: 20-955993		
Sampler	: CLIENT		
Site	:		
Quote number	: PFAS in Soil and Water		
No. of samples received	: 13		
No. of samples analysed	: 13		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO: Data Quality Objective.
LOR: Limit of Reporting (detection limit).
RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W041	E745	30-Oct-2024	05-Nov-2024	28 days	6 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W042	E745	29-Oct-2024	05-Nov-2024	28 days	7 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W043	E745	29-Oct-2024	05-Nov-2024	28 days	7 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W044	E745	29-Oct-2024	05-Nov-2024	28 days	7 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W046	E745	29-Oct-2024	05-Nov-2024	28 days	7 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W047	E745	29-Oct-2024	05-Nov-2024	28 days	7 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W032	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W033	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W034	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W035	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W037	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W038	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓
Per- and Polyfluoroalkyl Substances (PFAS) : PFAS (Extended List) in Water by LC-MS-MS										
HDPE (Teflon free) 24-W039	E745	28-Oct-2024	05-Nov-2024	28 days	8 days	✓	05-Nov-2024	28 days	0 days	✓

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).

Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water**

Evaluation: × = *QC frequency outside specification*; ✓ = *QC frequency within specification.*

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1749872	1	13	7.6	5.0	✓
Laboratory Control Samples (LCS)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1749872	1	13	7.6	5.0	✓
Method Blanks (MB)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1749872	1	13	7.6	5.0	✓
Matrix Spikes (MS)							
PFAS (Extended List) in Water by LC-MS-MS	E745	1749872	1	13	7.6	5.0	✓

Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by “mod”).

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
PFAS (Extended List) in Water by LC-MS-MS	E745 ALS Environmental - Waterloo	Water	MECP E3533	An aliquot of water is analyzed for PFAs by direct injection LC/MS/MS

Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation of PFAS in Water by Direct Injection	EP745 ALS Environmental - Waterloo	Water	MECP E3533	An aliquot of water is analyzed for PFAs by direct injection LC/MS/MS

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QUALITY CONTROL REPORT

Work Order	: **WT2432620**	Page	: 1 of 12
Client	: Malroz Engineering Inc.	Laboratory	: ALS Environmental - Waterloo
Contact	: Adam Superville	Account Manager	: Costas Farassoglou
Address	: 2nd floor - 308 Wellington Street Kingston ON Canada K7K 7A8	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: ----	Telephone	: 613 225 8279
Project	: 1037	Date Samples Received	: 01-Nov-2024 09:00
PO	: ----	Date Analysis Commenced	: 05-Nov-2024
C-O-C number	: 20-955993	Issue Date	: 20-Nov-2024 14:50
Sampler	: CLIENT		
Site	:		
Quote number	: PFAS in Soil and Water		
No. of samples received	: 13		
No. of samples analysed	: 13		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Sanja Risticevic	Department Manager - LCMS	Waterloo LCMS, Waterloo, Ontario

General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO = Data Quality Objective.
LOR = Limit of Reporting (detection limit).
RPD = Relative Percent Difference
# = Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: **Water**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	*Client sample ID*	*Analyte*	*CAS Number*	*Method*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD(%) or Difference*	*Duplicate Limits*	*Qualifier*
Per- and Polyfluoroalkyl Substances (PFAS) (QC Lot: 1749872)											
WT2432620-001	24-W032	Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamido acetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Ethyl perfluorooctanesulfonamido ethanol, n- [NEtFOSE]	1691-99-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.10	µg/L	<0.10	<0.10	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.050	µg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1.0	µg/L	<1.0	<1.0	0	Diff <2x LOR	----

Sub-Matrix: **Water**

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Laboratory Duplicate (DUP) Report						
					LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QC Lot: 1749872) - continued											
WT2432620-001	24-W032	Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Methyl perfluorooctanesulfonamido acetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Methyl perfluorooctanesulfonamido ethanol, n- [NMeFOSE]	24448-09-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.100	µg/L	<0.100	<0.100	0	Diff <2x LOR	----
		Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanoic acid [PFNA]	375-95-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----

Sub-Matrix: **Water**

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Laboratory Duplicate (DUP) Report						
					LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QC Lot: 1749872) - continued											
WT2432620-001	24-W032	Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.100	µg/L	<0.100	<0.100	0	Diff <2x LOR	----
		Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----
		Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.020	µg/L	<0.020	<0.020	0	Diff <2x LOR	----

Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872)						
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.02	µg/L	<0.020	----
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.1	µg/L	<0.10	----
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.1	µg/L	<0.10	----
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.1	µg/L	<0.10	----
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.02	µg/L	<0.020	----
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.02	µg/L	<0.020	----
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.05	µg/L	<0.050	----
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.02	µg/L	<0.020	----
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.02	µg/L	<0.020	----
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.02	µg/L	<0.020	----
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1	µg/L	<1.0	----
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.02	µg/L	<0.020	----
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.02	µg/L	<0.020	----
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.02	µg/L	<0.020	----
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.02	µg/L	<0.020	----
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.02	µg/L	<0.020	----
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.02	µg/L	<0.020	----
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.02	µg/L	<0.020	----
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.02	µg/L	<0.020	----
Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.1	µg/L	<0.10	----

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872) - continued						
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.02	µg/L	<0.020	----
Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.02	µg/L	<0.020	----
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.02	µg/L	<0.020	----
Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.02	µg/L	<0.020	----
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.02	µg/L	<0.020	----
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.02	µg/L	<0.020	----
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.02	µg/L	<0.020	----
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.02	µg/L	<0.020	----
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.02	µg/L	<0.020	----
Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.02	µg/L	<0.020	----
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.02	µg/L	<0.020	----
Perfluorononanoic acid [PFNA]	375-95-1	E745	0.02	µg/L	<0.020	----
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.02	µg/L	<0.020	----
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.02	µg/L	<0.020	----
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.02	µg/L	<0.020	----
Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.02	µg/L	<0.020	----
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.02	µg/L	<0.020	----
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.02	µg/L	<0.020	----
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.02	µg/L	<0.020	----
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.02	µg/L	<0.020	----
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.02	µg/L	<0.020	----
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.02	µg/L	<0.020	----
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.02	µg/L	<0.020	----

Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872)									
Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.02	µg/L	0.3 µg/L	109	50.0	150	----
Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.02	µg/L	0.3 µg/L	103	50.0	150	----
Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.02	µg/L	0.3 µg/L	119	50.0	150	----
Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.02	µg/L	0.3 µg/L	96.0	50.0	150	----
Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	0.1	µg/L	3 µg/L	89.9	50.0	150	----
Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.02	µg/L	0.3 µg/L	113	50.0	150	----
Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.02	µg/L	0.3 µg/L	92.0	50.0	150	----
Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	0.1	µg/L	3 µg/L	115	50.0	150	----
Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.02	µg/L	0.3 µg/L	107	50.0	150	----
Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	0.1	µg/L	3 µg/L	111	50.0	150	----
Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.02	µg/L	0.3 µg/L	129	50.0	150	----
Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.02	µg/L	0.3 µg/L	99.3	50.0	150	----
Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.02	µg/L	0.3 µg/L	84.0	50.0	150	----
Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.02	µg/L	0.3 µg/L	125	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.05	µg/L	0.3 µg/L	119	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.02	µg/L	0.3 µg/L	114	50.0	150	----
Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.02	µg/L	0.3 µg/L	110	50.0	150	----
Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.02	µg/L	0.3 µg/L	115	50.0	150	----
Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	1	µg/L	3 µg/L	106	50.0	150	----
Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.02	µg/L	0.3 µg/L	104	50.0	150	----
Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.02	µg/L	0.3 µg/L	110	50.0	150	----
Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.02	µg/L	0.3 µg/L	101	50.0	150	----
Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.02	µg/L	0.3 µg/L	62.7	50.0	150	----
Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.02	µg/L	0.3 µg/L	95.3	50.0	150	----
Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.02	µg/L	0.3 µg/L	105	50.0	150	----
Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.02	µg/L	0.3 µg/L	90.7	50.0	150	----
Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.02	µg/L	0.3 µg/L	96.7	50.0	150	----
Perfluorobutanoic acid [PFBA]	375-22-4	E745	0.1	µg/L	1 µg/L	118	50.0	150	----

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872) - continued									
Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.02	µg/L	0.3 µg/L	106	50.0	150	----
Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.02	µg/L	0.3 µg/L	115	50.0	150	----
Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.02	µg/L	0.3 µg/L	104	50.0	150	----
Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.02	µg/L	0.3 µg/L	113	50.0	150	----
Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.02	µg/L	0.3 µg/L	109	50.0	150	----
Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.02	µg/L	0.3 µg/L	102	50.0	150	----
Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.02	µg/L	0.3 µg/L	100	50.0	150	----
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.02	µg/L	0.3 µg/L	143	50.0	150	----
Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.02	µg/L	0.3 µg/L	96.7	50.0	150	----
Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.02	µg/L	0.3 µg/L	121	50.0	150	----
Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.02	µg/L	0.3 µg/L	107	50.0	150	----
Perfluorononanoic acid [PFNA]	375-95-1	E745	0.02	µg/L	0.3 µg/L	115	50.0	150	----
Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.02	µg/L	0.3 µg/L	96.7	50.0	150	----
Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.02	µg/L	0.3 µg/L	120	50.0	150	----
Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.02	µg/L	0.3 µg/L	95.3	50.0	150	----
Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.02	µg/L	0.3 µg/L	92.7	50.0	150	----
Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.02	µg/L	0.3 µg/L	100	50.0	150	----
Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.02	µg/L	0.3 µg/L	104	50.0	150	----
Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.02	µg/L	0.3 µg/L	119	50.0	150	----
Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.02	µg/L	0.3 µg/L	118	50.0	150	----
Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.02	µg/L	0.3 µg/L	116	50.0	150	----
Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.02	µg/L	0.3 µg/L	98.7	50.0	150	----
Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.02	µg/L	0.3 µg/L	100	50.0	150	----

Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872)										
WT2432620-001	24-W032	Eicosafluoro-3-oxaundecane-1-sulfonic acid, 11-chloro- [11Cl-PF3OUdS]	763051-92-9	E745	0.314 µg/L	0.3 µg/L	105	50.0	150	----
		Ethyl perfluorooctanesulfonamide, n- [NEtFOSA]	4151-50-2	E745	0.328 µg/L	0.3 µg/L	109	50.0	150	----
		Ethyl perfluorooctanesulfonamidoacetic acid, n- [NEtFOSAA]	2991-50-6	E745	0.344 µg/L	0.3 µg/L	115	50.0	150	----
		Ethyl perfluorooctanesulfonamidoethanol, n- [NEtFOSE]	1691-99-2	E745	0.296 µg/L	0.3 µg/L	98.7	50.0	150	----
		Fluorotelomer carboxylic acid, 10:2 [10:2 FTCA]	53826-13-4	E745	2.62 µg/L	3 µg/L	87.3	50.0	150	----
		Fluorotelomer carboxylic acid, 3:3 [3:3 FTCA]	356-02-5	E745	0.296 µg/L	0.3 µg/L	98.7	50.0	150	----
		Fluorotelomer carboxylic acid, 5:3 [5:3 FTCA]	914637-49-3	E745	0.292 µg/L	0.3 µg/L	97.3	50.0	150	----
		Fluorotelomer carboxylic acid, 6:2 [6:2 FTCA]	53826-12-3	E745	3.22 µg/L	3 µg/L	107	50.0	150	----
		Fluorotelomer carboxylic acid, 7:3 [7:3 FTCA]	812-70-4	E745	0.304 µg/L	0.3 µg/L	101	50.0	150	----
		Fluorotelomer carboxylic acid, 8:2 [8:2 FTCA]	27854-31-5	E745	3.25 µg/L	3 µg/L	108	50.0	150	----
		Fluorotelomer sulfonic acid, 10:2 [10:2 FTS]	120226-60-0	E745	0.448 µg/L	0.3 µg/L	149	50.0	150	----
		Fluorotelomer sulfonic acid, 4:2 [4:2 FTS]	757124-72-4	E745	0.300 µg/L	0.3 µg/L	100	50.0	150	----
		Fluorotelomer sulfonic acid, 6:2 [6:2 FTS]	27619-97-2	E745	0.286 µg/L	0.3 µg/L	95.3	50.0	150	----
		Fluorotelomer sulfonic acid, 8:2 [8:2 FTS]	39108-34-4	E745	0.416 µg/L	0.3 µg/L	139	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 10:2 [10:2 FTUCA]	70887-94-4	E745	0.344 µg/L	0.3 µg/L	115	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 6:2 [6:2 FTUCA]	70887-88-6	E745	0.378 µg/L	0.3 µg/L	126	50.0	150	----
		Fluorotelomer unsaturated carboxylic acid, 8:2 [8:2 FTUCA]	70887-84-2	E745	0.336 µg/L	0.3 µg/L	112	50.0	150	----
		Hexadecafluoro-3-oxanonane-1-sulfonic acid, 9-chloro- [9Cl-PF3ONS]	756426-58-1	E745	0.328 µg/L	0.3 µg/L	109	50.0	150	----
		Hexafluoropropylene oxide dimer acid [HFPO-DA]	13252-13-6	E745	3.4 µg/L	3 µg/L	112	50.0	150	----
		Methyl perfluorooctanesulfonamide, n- [NMeFOSA]	31506-32-8	E745	0.330 µg/L	0.3 µg/L	110	50.0	150	----

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Per- and Polyfluoroalkyl Substances (PFAS) (QCLot: 1749872) - continued										
WT2432620-001	24-W032	Methyl perfluorooctanesulfonamidoacetic acid, n- [NMeFOSAA]	2355-31-9	E745	0.360 µg/L	0.3 µg/L	120	50.0	150	----
		Methyl perfluorooctanesulfonamidoethanol, n- [NMeFOSE]	24448-09-7	E745	0.296 µg/L	0.3 µg/L	98.7	50.0	150	----
		Nonafluoro-3,6-dioxaheptanoic acid [NFDHA]	151772-58-6	E745	0.214 µg/L	0.3 µg/L	71.3	50.0	150	----
		Perfluoro(2-ethoxyethane)sulfonic acid [PFEESA]	113507-82-7	E745	0.252 µg/L	0.3 µg/L	84.0	50.0	150	----
		Perfluoro-3-methoxypropanoic acid [PFMPA]	377-73-1	E745	0.318 µg/L	0.3 µg/L	106	50.0	150	----
		Perfluoro-4-methoxybutanoic acid [PFMBA]	863090-89-5	E745	0.268 µg/L	0.3 µg/L	89.3	50.0	150	----
		Perfluorobutanesulfonic acid [PFBS]	375-73-5	E745	0.280 µg/L	0.3 µg/L	93.3	50.0	150	----
		Perfluorobutanoic acid [PFBA]	375-22-4	E745	1.16 µg/L	1 µg/L	116	50.0	150	----
		Perfluorodecane sulfonic acid [PFDS]	335-77-3	E745	0.320 µg/L	0.3 µg/L	107	50.0	150	----
		Perfluorodecanoic acid [PFDA]	335-76-2	E745	0.350 µg/L	0.3 µg/L	117	50.0	150	----
		Perfluorododecanesulfonic acid [PFDoS]	79780-39-5	E745	0.324 µg/L	0.3 µg/L	108	50.0	150	----
		Perfluorododecanoic acid [PFDoA]	307-55-1	E745	0.338 µg/L	0.3 µg/L	113	50.0	150	----
		Perfluoroethylcyclohexanesulfonic acid [PFECHS]	646-83-3	E745	0.336 µg/L	0.3 µg/L	112	50.0	150	----
		Perfluoroheptanesulfonic acid [PFHpS]	375-92-8	E745	0.334 µg/L	0.3 µg/L	111	50.0	150	----
		Perfluoroheptanoic acid [PFHpA]	375-85-9	E745	0.332 µg/L	0.3 µg/L	111	50.0	150	----
		Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	E745	0.446 µg/L	0.3 µg/L	149	50.0	150	----
		Perfluorohexanesulfonic acid [PFHxS]	355-46-4	E745	0.300 µg/L	0.3 µg/L	100	50.0	150	----
		Perfluorohexanoic acid [PFHxA]	307-24-4	E745	0.368 µg/L	0.3 µg/L	123	50.0	150	----
		Perfluorononanesulfonic acid [PFNS]	68259-12-1	E745	0.316 µg/L	0.3 µg/L	105	50.0	150	----
		Perfluorononanoic acid [PFNA]	375-95-1	E745	0.364 µg/L	0.3 µg/L	121	50.0	150	----
		Perfluorononanoic acid, 4,8-dioxa-3H- [ADONA]	919005-14-4	E745	0.268 µg/L	0.3 µg/L	89.3	50.0	150	----
		Perfluorooctanesulfonamide [PFOSA]	754-91-6	E745	0.356 µg/L	0.3 µg/L	119	50.0	150	----
		Perfluorooctanesulfonic acid [PFOS]	1763-23-1	E745	0.298 µg/L	0.3 µg/L	99.3	50.0	150	----
		Perfluorooctanoic acid [PFOA]	335-67-1	E745	0.314 µg/L	0.3 µg/L	105	50.0	150	----
		Perfluoropentanesulfonic acid [PFPeS]	2706-91-4	E745	0.350 µg/L	0.3 µg/L	117	50.0	150	----
		Perfluoropentanoic acid [PFPeA]	2706-90-3	E745	0.310 µg/L	0.3 µg/L	103	50.0	150	----
		Perfluorotetradecanoic acid [PFTeDA]	376-06-7	E745	0.354 µg/L	0.3 µg/L	118	50.0	150	----
		Perfluorotridecanesulfonic acid [PFTrDS]	791563-89-8	E745	0.350 µg/L	0.3 µg/L	117	50.0	150	----
		Perfluorotridecanoic acid [PFTrDA]	72629-94-8	E745	0.350 µg/L	0.3 µg/L	117	50.0	150	----
		Perfluoroundecanesulfonic acid [PFUdS]	749786-16-1	E745	0.296 µg/L	0.3 µg/L	98.7	50.0	150	----
		Perfluoroundecanoic acid [PFUnA]	2058-94-8	E745	0.308 µg/L	0.3 µg/L	103	50.0	150	----

L-906

Chain of Custody (COC) / Analytical Request Form

COC Number: 20 - 955993

Canada Toll Free: 1 800 668 9878

Page 1 of 2

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Environmental Division Waterloo
Work Order Reference
WT2432620

Telephone : +1 519 886 6910

Report To	Contact and company name below will appear on the final report
Company:	Malroz Engineering
Contact:	Adam Superville
Phone:	613-548-3446
	Company address below will appear on the final report
Street:	308 Wellington St.
City/Province:	Kingston, ON
Postal Code:	K7K 7A8
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of Invoice with Report ☒ YES ☐ NO
Company:	Malroz Engineering
Contact:	mahoney@malroz.com

Reports / Recipients

Select Report Format: ☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)
Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A
☐ Compare Results to Criteria on Report - provide details below if box checked
Select Distribution: ☒ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: superville@malroz.com
Email 2: sgraham@malroz.com
Email 3: pyke@malroz.com

Invoice Recipients

Select Invoice Distribution: ☒ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: mahoney@malroz.com
Email 2:

Turnaround Time (TAT) Requested

☒ Routine [R] if received by 3pm M-F - no surcharges apply
☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minim
☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minim
☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minim
☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minim
☐ Same day [E2] if received by 10am M-S - 200% rush surcharge. Ad may apply to rush requests on weekends, statutory holidays and non-
Date and Time Required for all E&P TATs:
For all tests with rush TATs requested, please

Project Information

ALS Account # / Quote #: ME IO100
Job #: 1037
PO / AFE:
LSD:

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#:
Major/Minor Code: Routing Code:
Requisitioner:
Location:

ALS Lab Work Order # (ALS use only): WT2432620
ALS Contact: Sampler:

Analysis Re
Indicate Filtered (F), Preserved (P) or Filtered a

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	Per Quote PFAS	SAMPLES ON HOLD	EXTENDED STORAGE REQUIR	SUSPECTED HAZARD (see not
	24-W032	28-10-24	11:55	GW	3				
	24-W033		11:55	GW					
	24-W034		11:25						
	24-W035		13:18						
	24-W037		15:03						
	24-W038		15:26						
	24-W039		16:45						
	24-W041	30-10-24	14:45						
	24-W042	29-10-24	11:25						
	24-W043		11:25						
	24-W044		12:00						
	24-W046		13:50						

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☒ NO
Are samples for human consumption/ use? ☐ YES ☒ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

- extended package E745
- client code MEIO 100

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED
Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO
Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C	5.8		

SHIPMENT RELEASE (client use)

Released by: Shawna Graham Date: 24/10/31 Time:

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by: Date: Time:

FINAL SHIPMENT RECEPTION (ALS use only)

Received by: P Date: 7 NOV 24 Time: 900

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

ALS 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

Chain of Custody (COC) / Analytical Request Form

COC Number: 23 - 1104642

Canada Toll Free: 1 800 668 9878

www.alsglobal.com

Report To	Contact and company name below will appear on the final report
Company:	Malroz Engineering
Contact:	Adam Superville
Phone:	613-548-3446
	Company address below will appear on the final report
Street:	308 Wellington St
City/Province:	Kingston, ON
Postal Code:	K7K 7A8
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of Invoice with Report ☒ YES ☐ NO
Company:	Malroz Engineering
Contact:	mahoney@malroz.com

Reports / Recipients

Select Report Format: ☒ PDF ☒ EXCEL ☐ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☒ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax superville@malroz.com

Email 2 sgraham@malroz.com

Email 3 pyke@malroz.com

Invoice Recipients

Select Invoice Distribution: ☒ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax mahoney@malroz.com

Email 2

Turnaround Time (TAT) Requested

- ☒ Routine [R] if received by 3pm M-F - no surcharges apply
- ☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimum
- ☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum
- ☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum
- ☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum
- ☐ Same day [E2] if received by 10am M-S - 200% rush surcharge.

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Additional fees may apply to rush requests on weekends, statutory holidays and for non-routine tests.

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Project Information

ALS Client Code / QUOTE #:	ME IO 100
Job / Project #:	1037
PO / AFE:	
LSD:	
ALS Lab Work Order # (ALS use only):	

Oil and Gas Required Fields (client use)

AFE/Cost Center:	PO#
Major/Minor Code:	Routing Code:
Requisitioner:	
Location:	
ALS Contact:	**Sampler:**

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	Per Quote PFAS	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	24-W047	29-Oct-24	14:25	GW	3				

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☒ NO

Are samples for human consumption/ use? ☐ YES ☒ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C	FINAL COOLER TEMPERATURES °C
	5.8

SHIPMENT RELEASE (client use)

Released by:	Date:	Time:

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:

FINAL SHIPMENT RECEPTION (ALS use only)

Received by:	Date:	Time:
AP	1-NOV-24	9:00

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

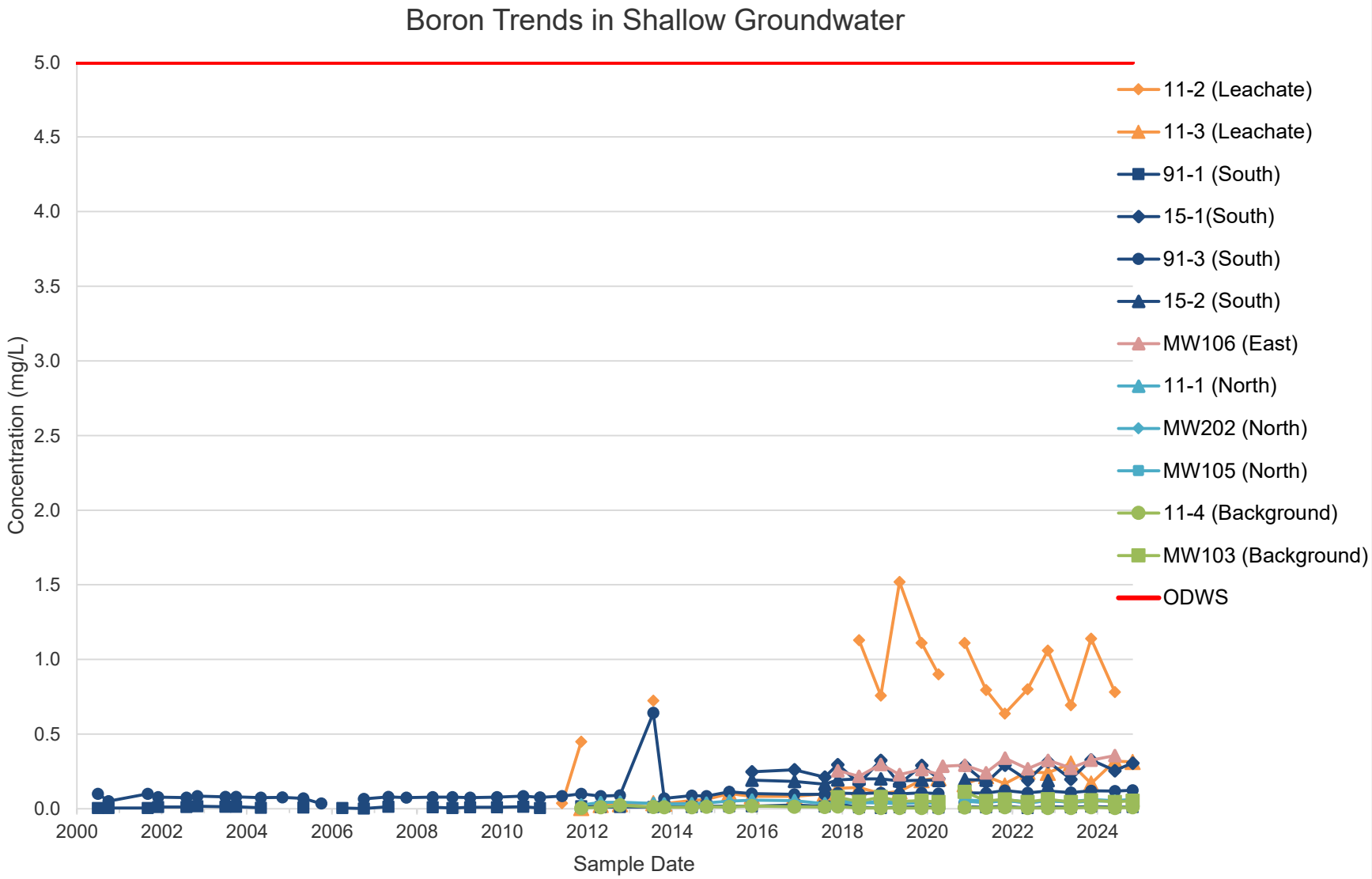
JAN 2023 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

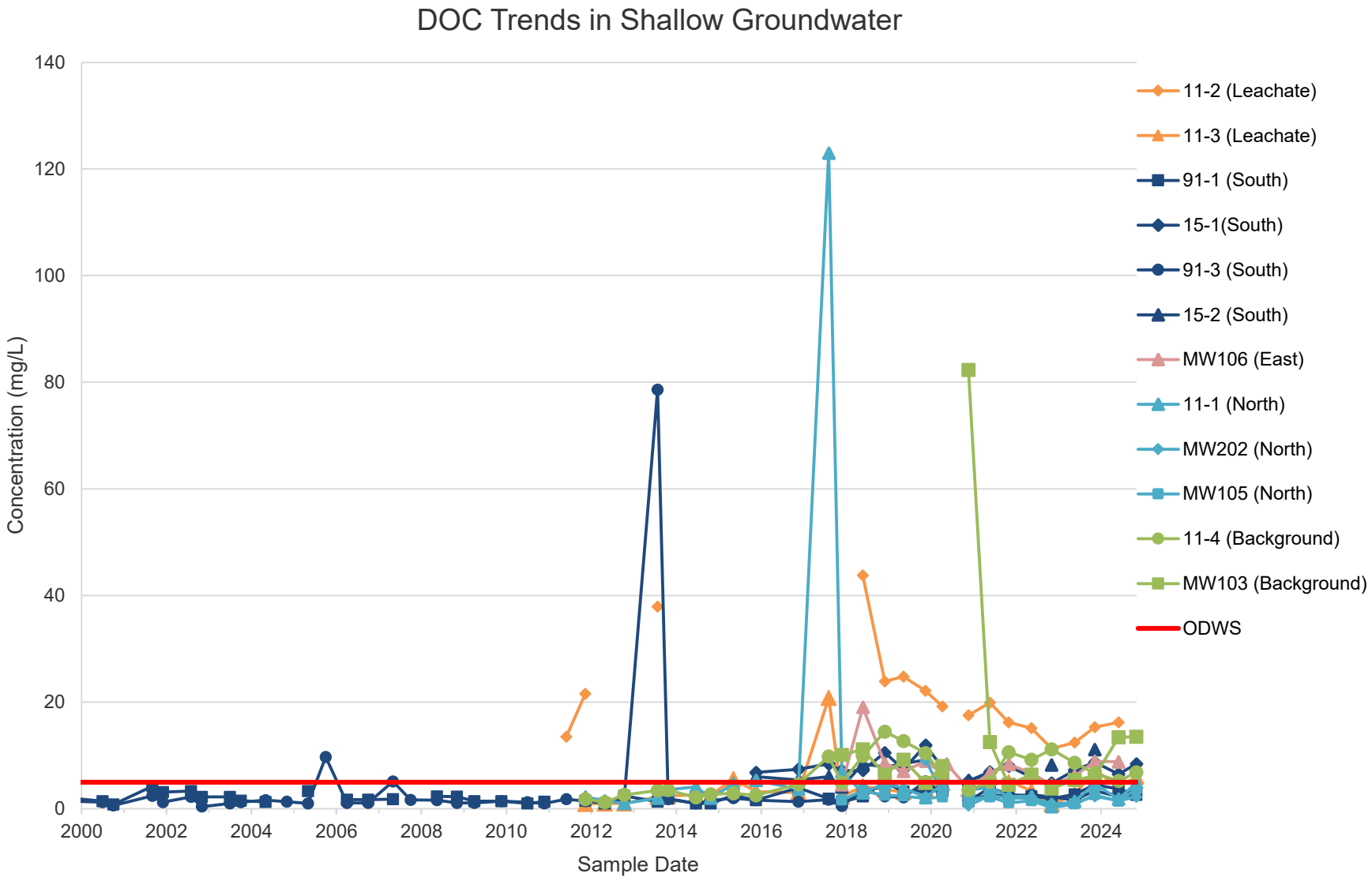
1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

Appendix I

Historical Analyses and Trends



Notes: Data before 2017 is provided by the Township of Leeds and Thousand Islands.
Gaps between points denote missing data.
Results less than the MDL are plotted as the MDL.
The mean of duplicate samples is plotted.
Trend graphs are provided as an interpretive tool only. Refer to the summary tables in Appendix B for results.



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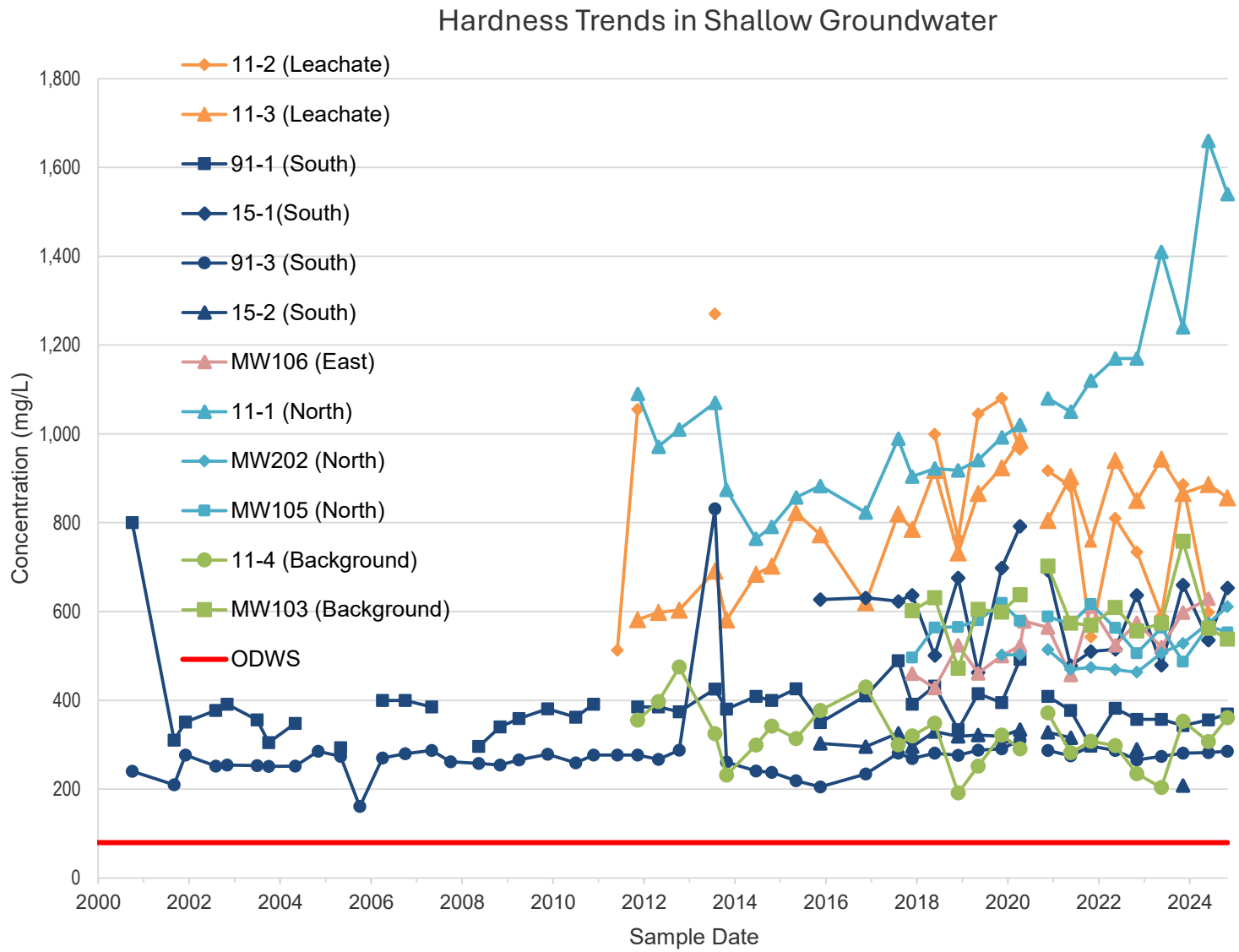

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The mean of duplicate samples is plotted.
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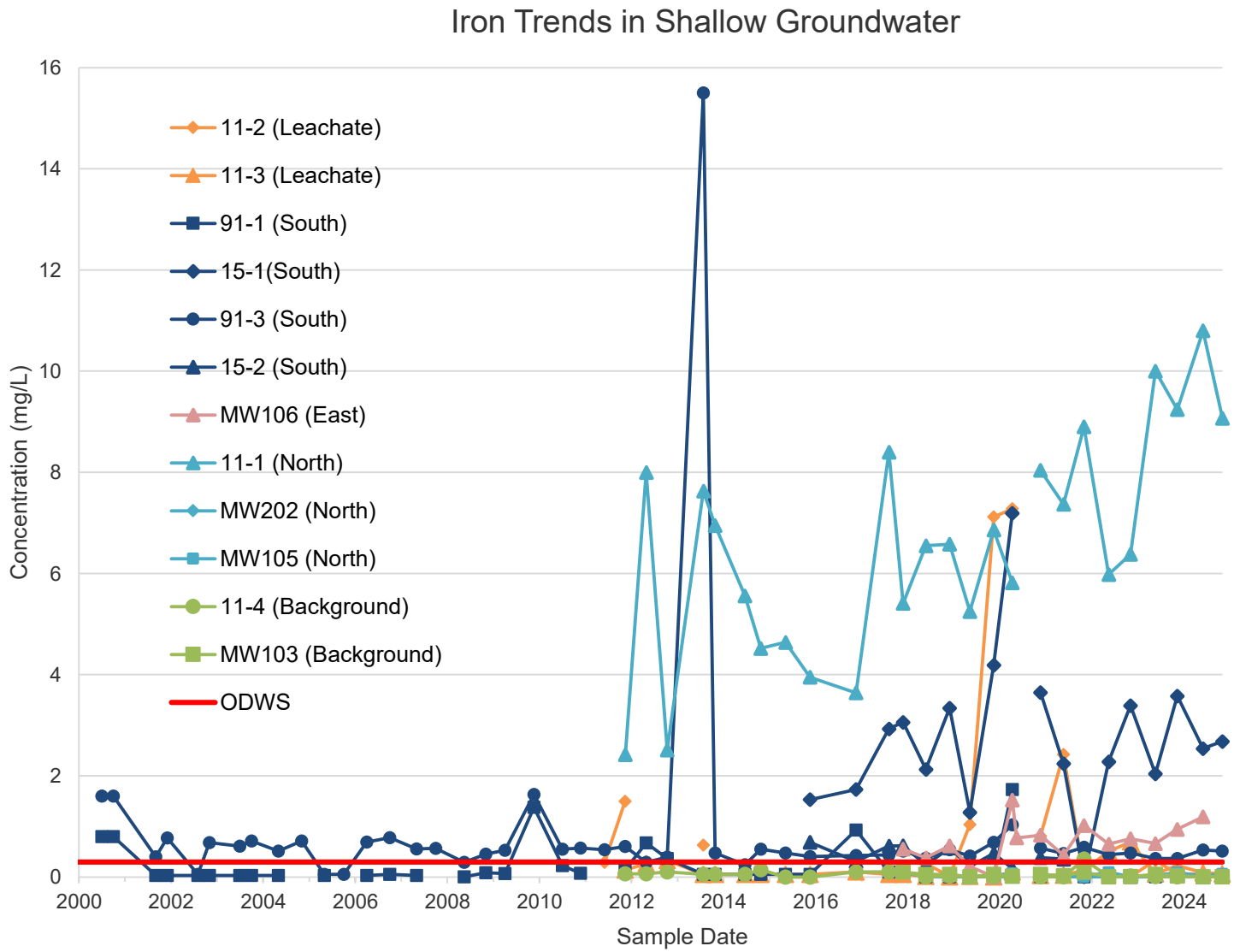

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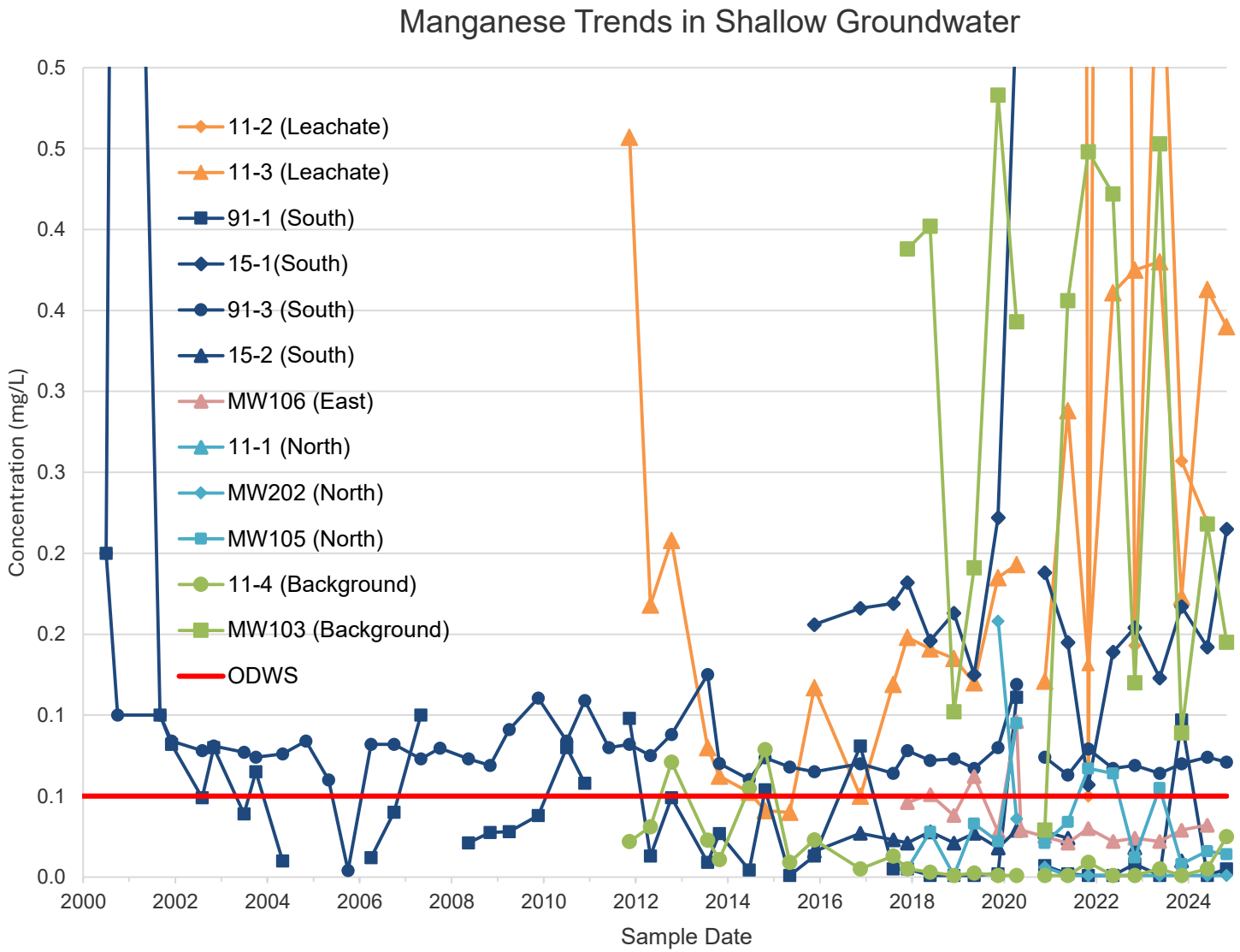

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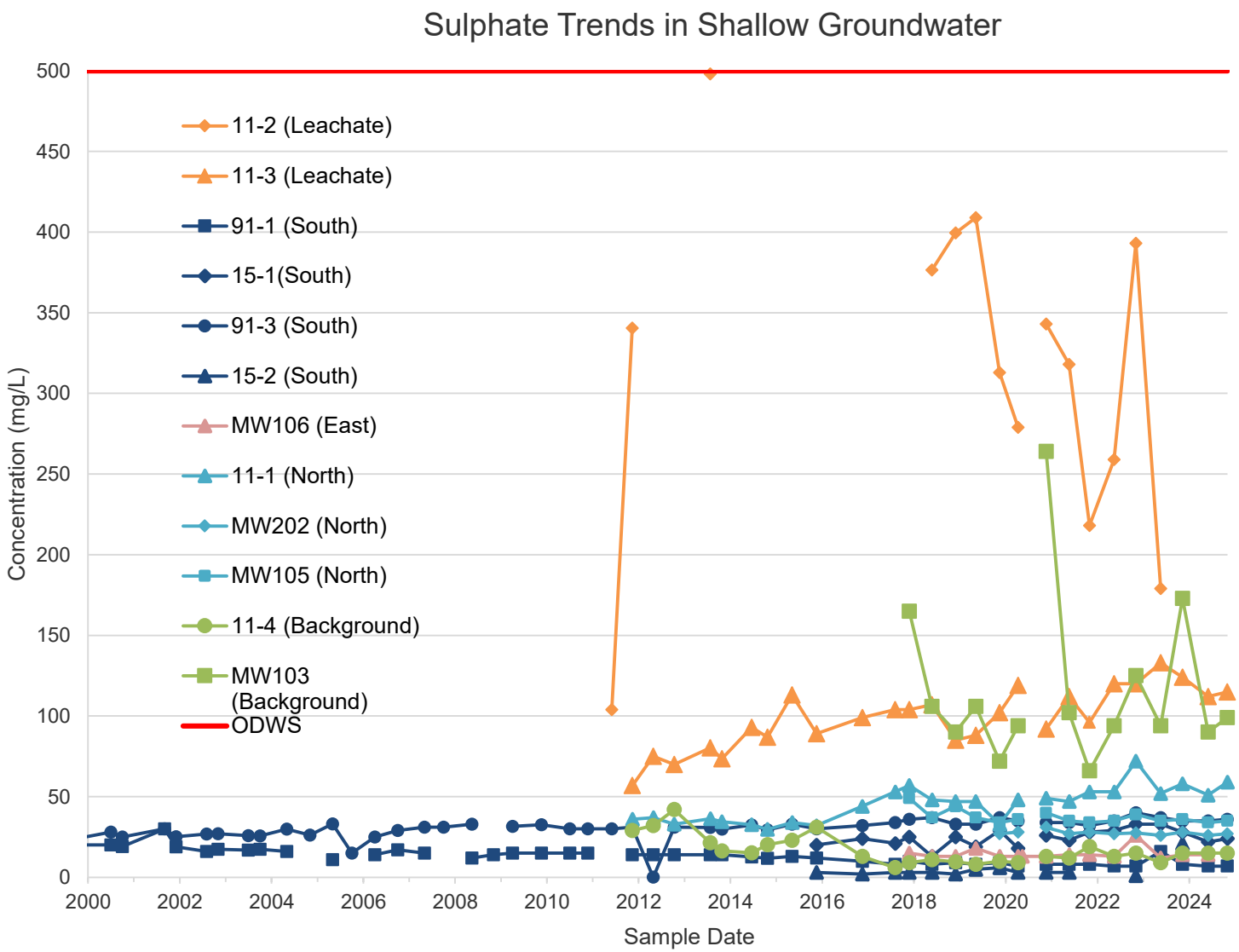

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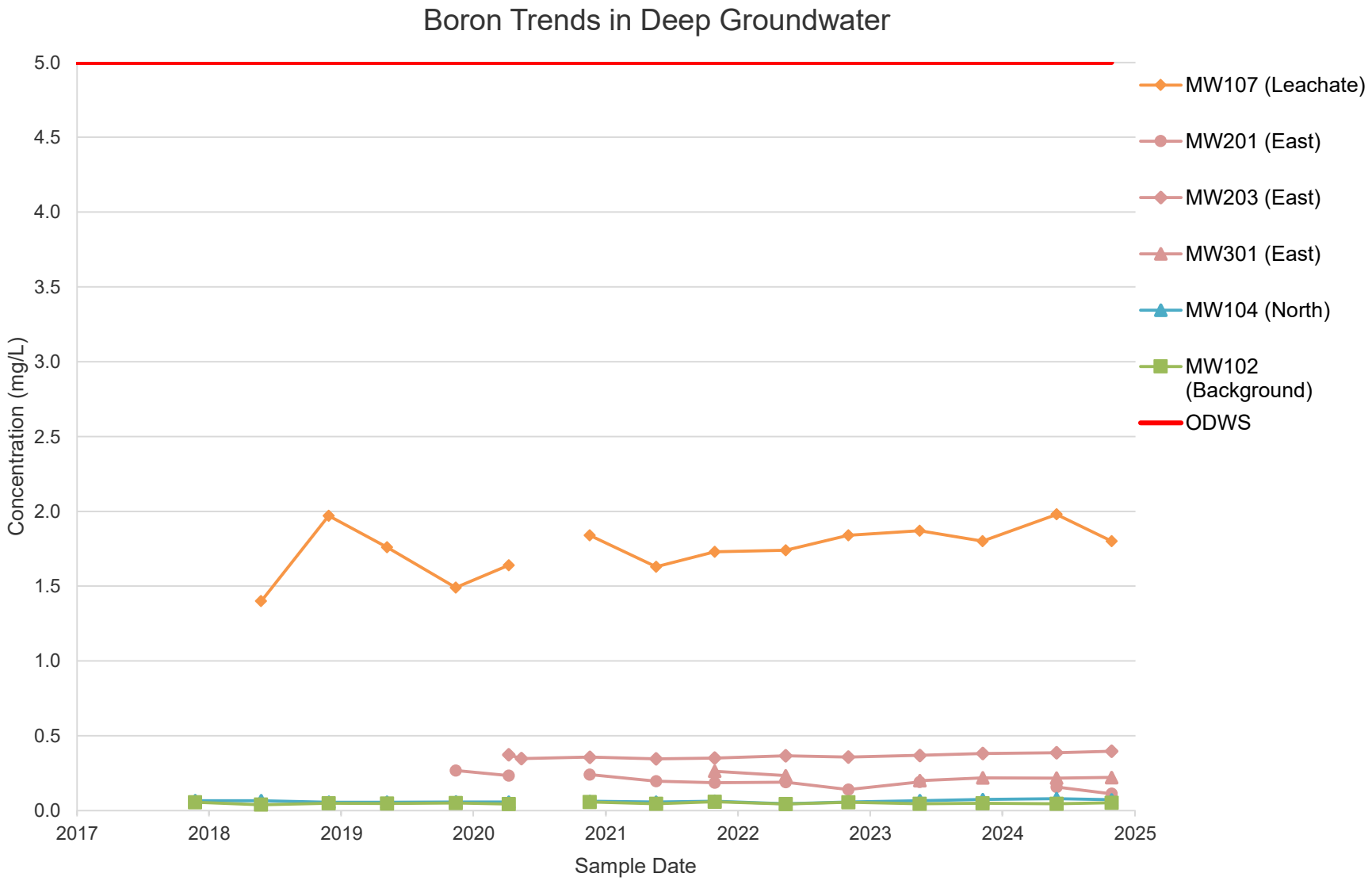

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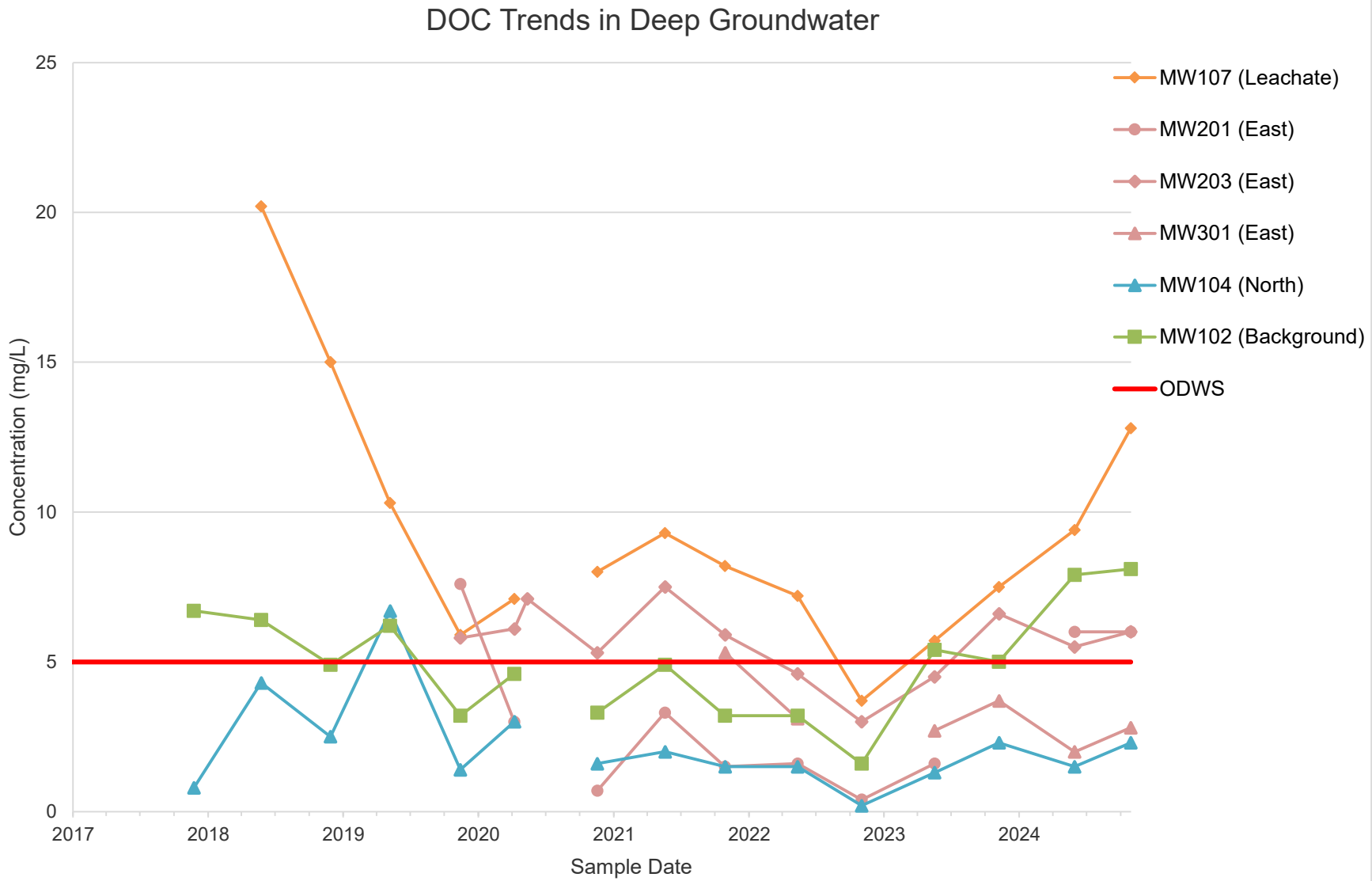

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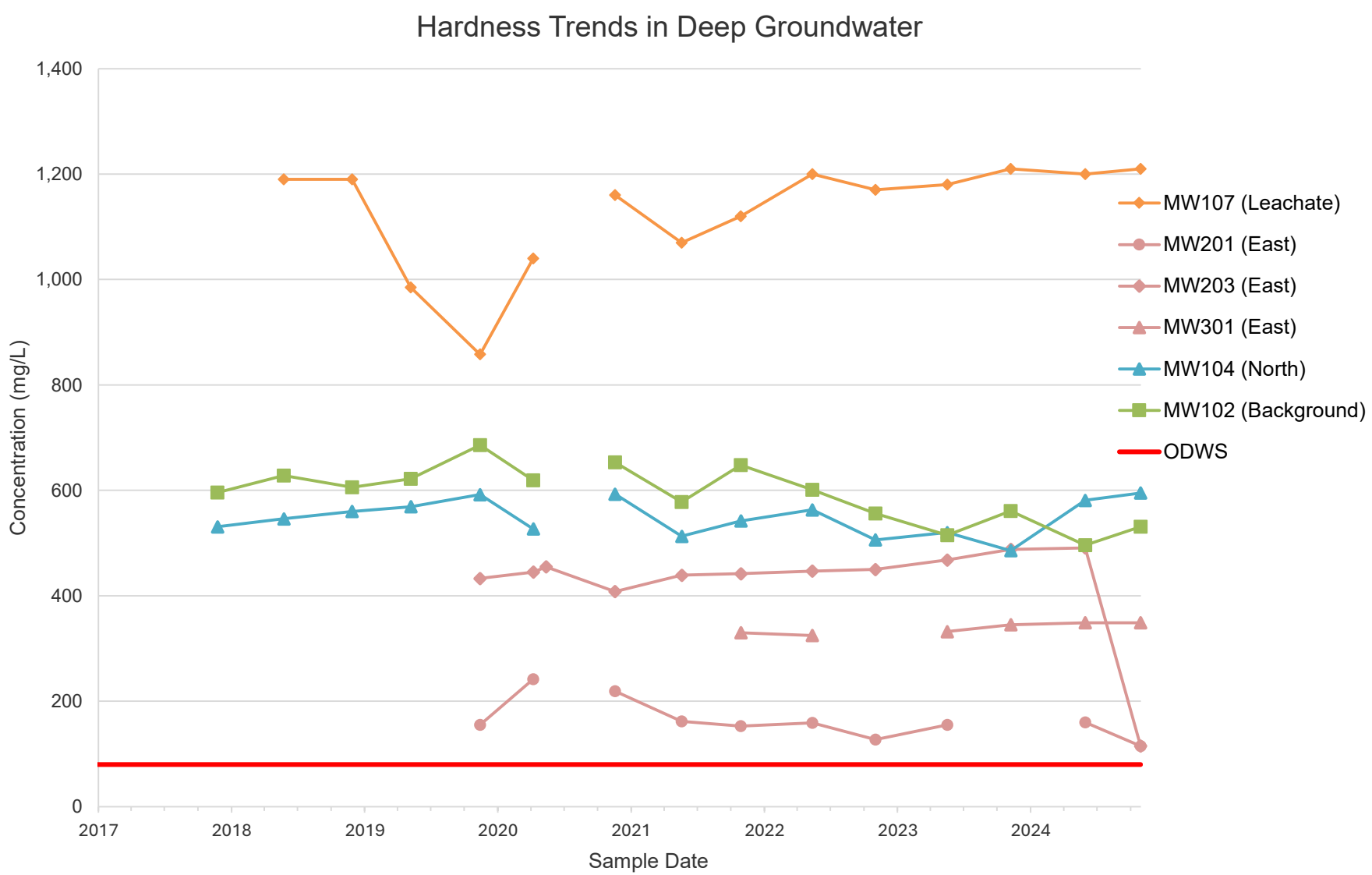

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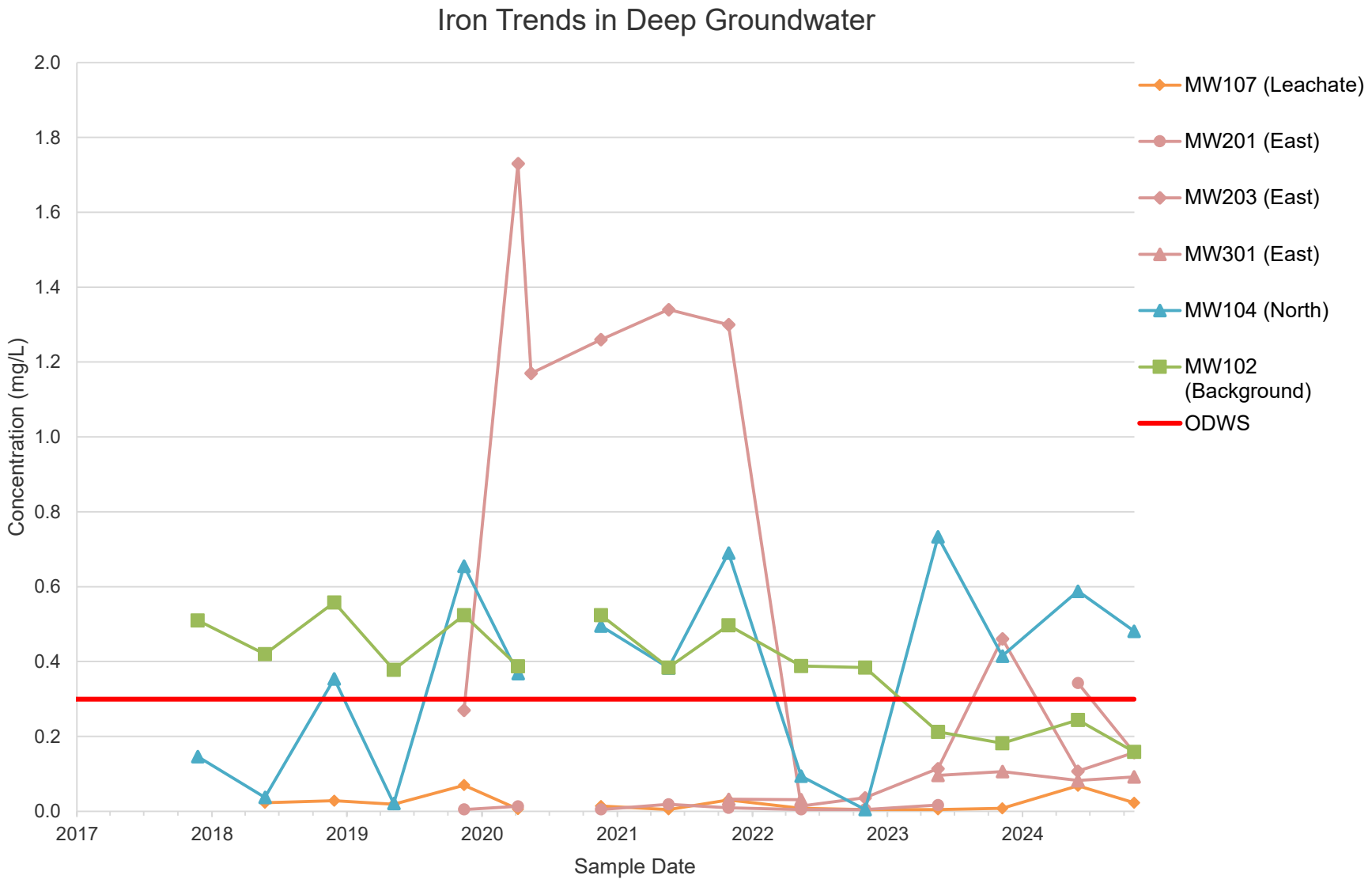

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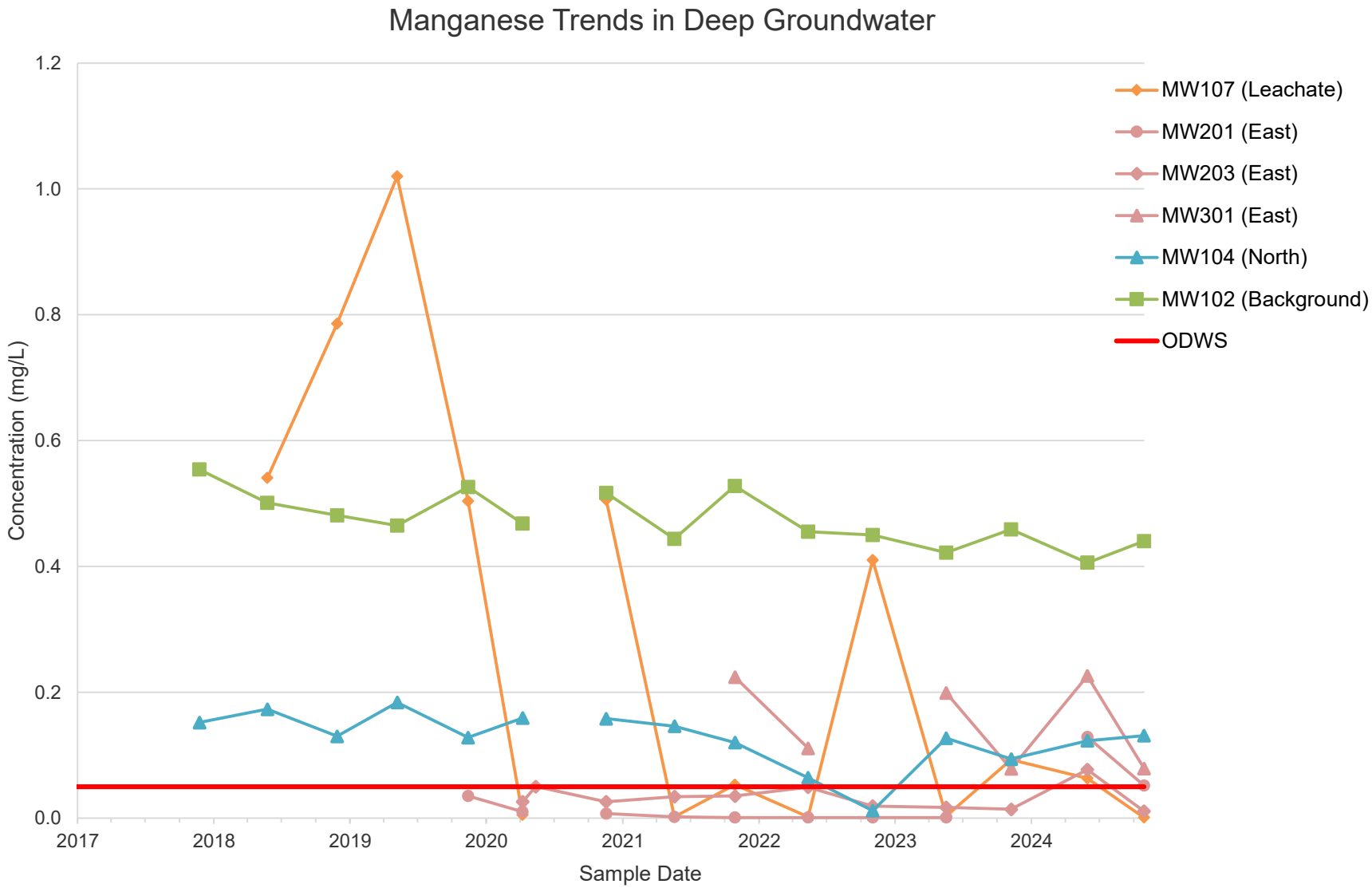

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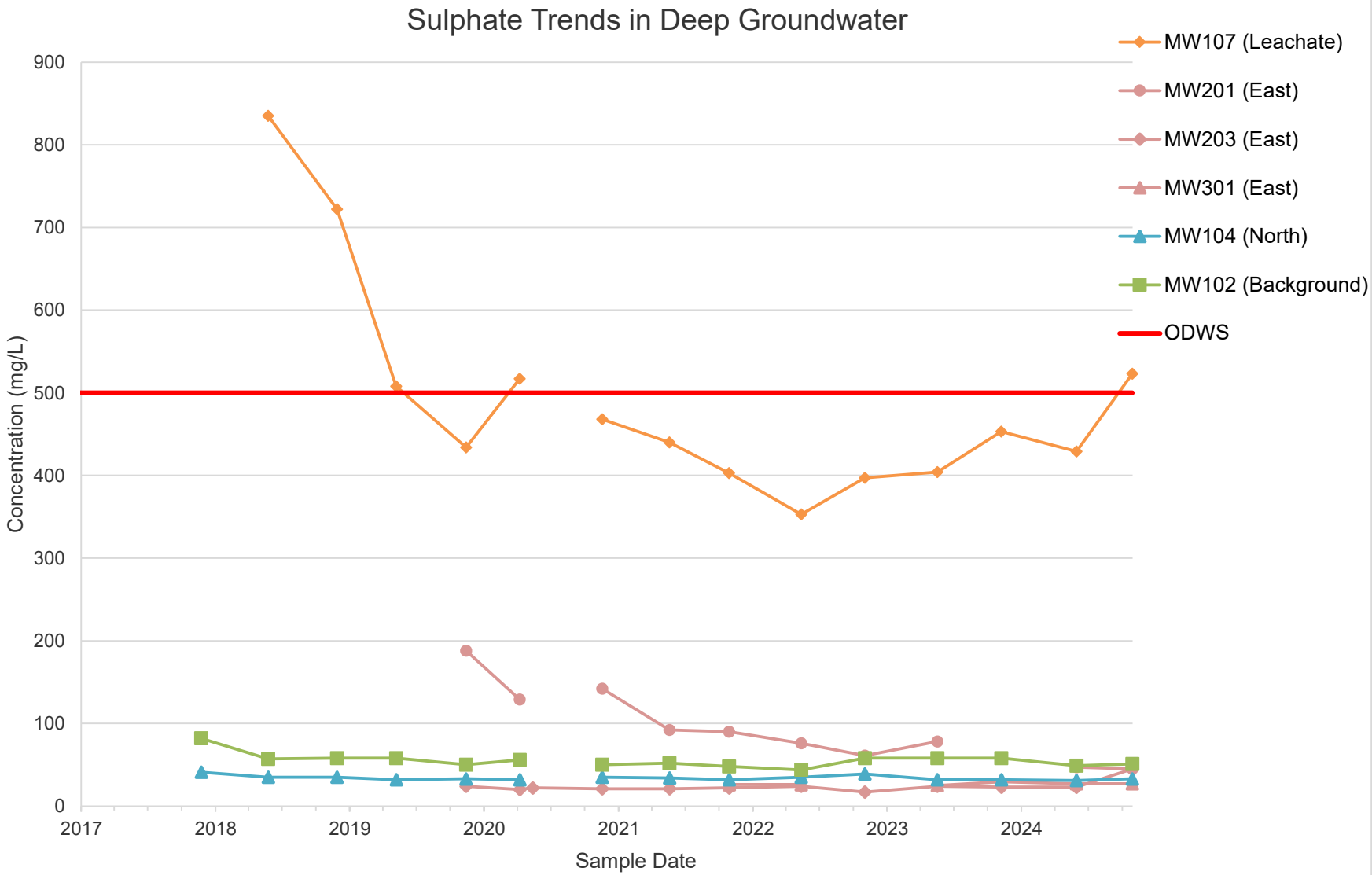

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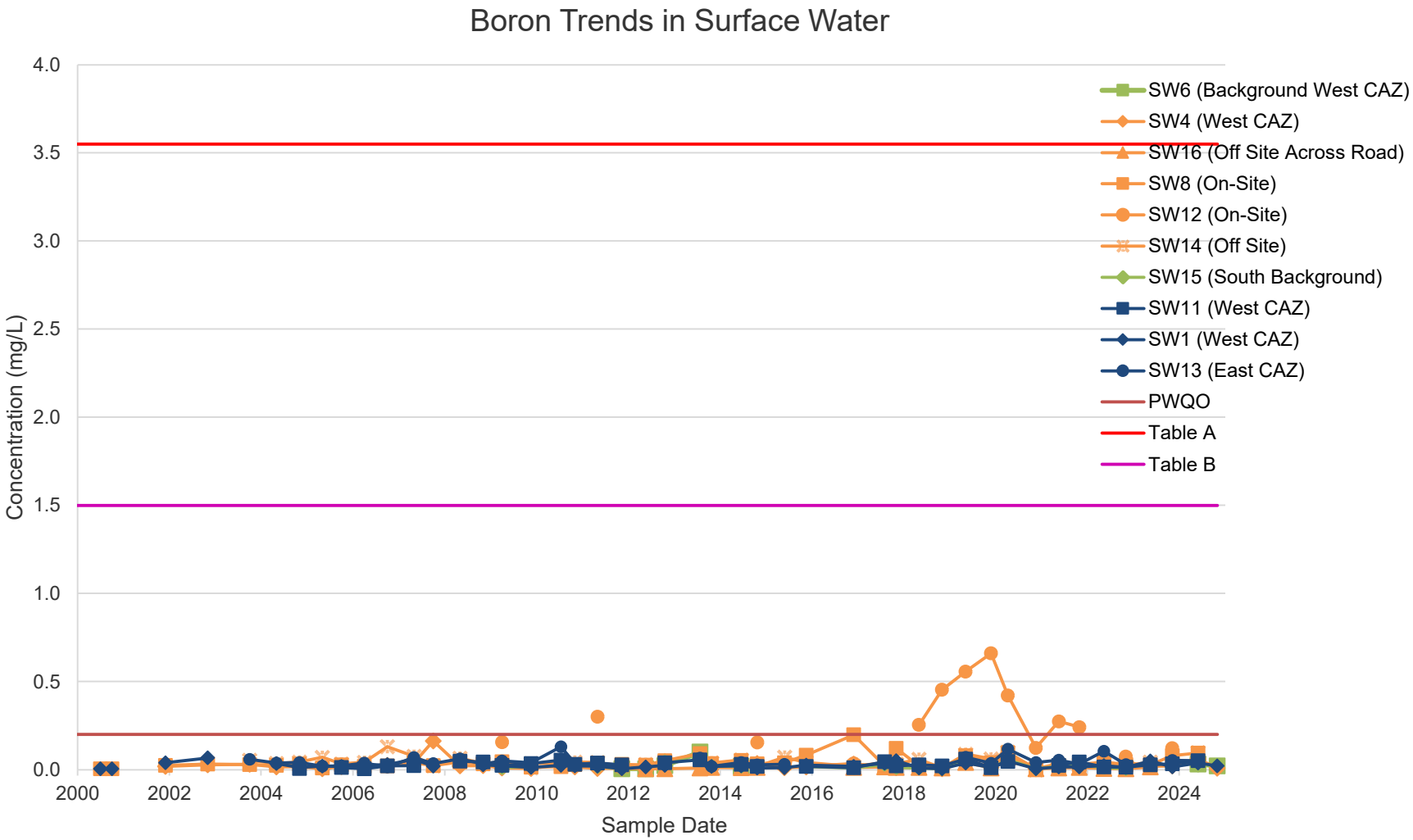

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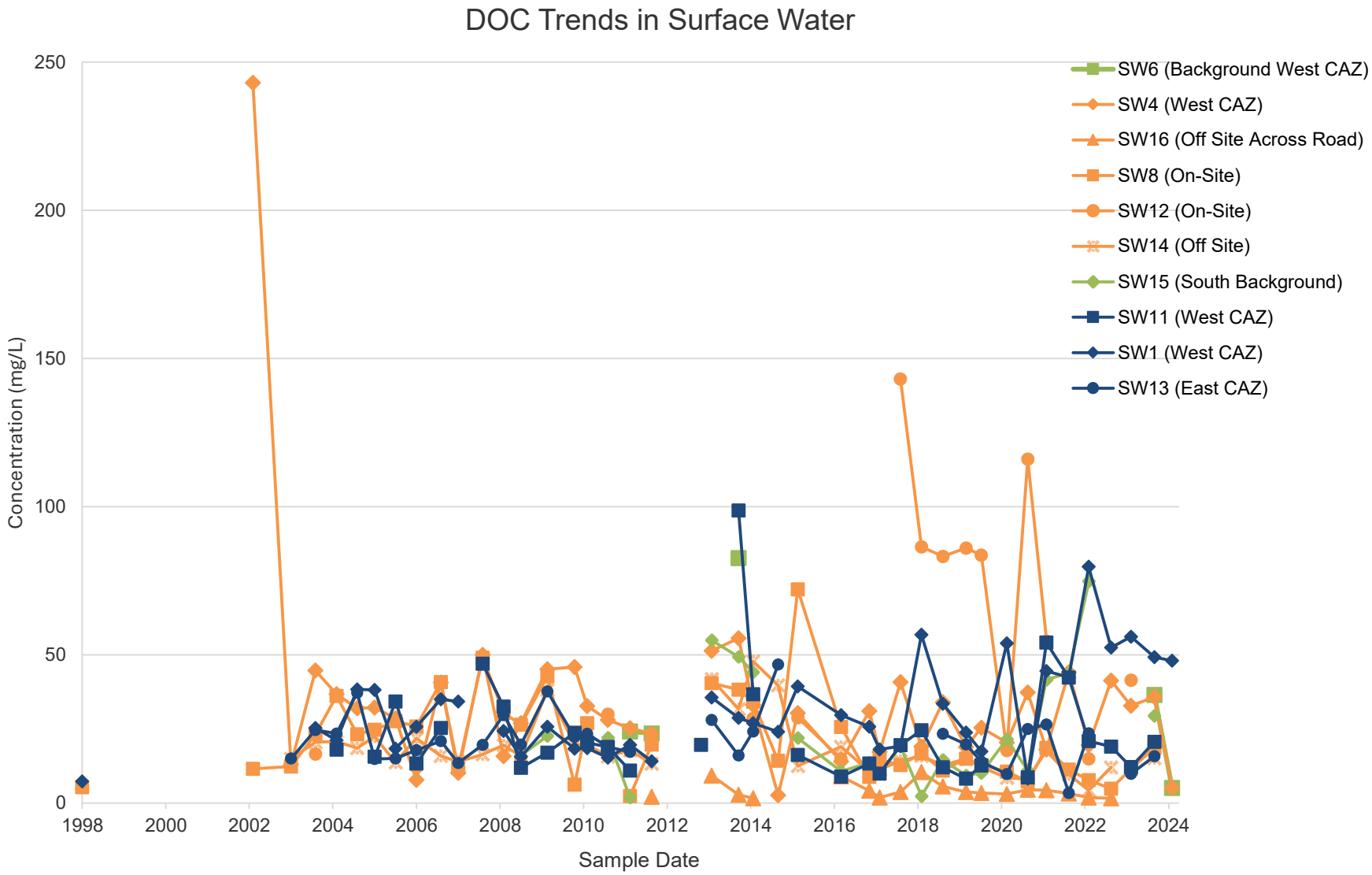

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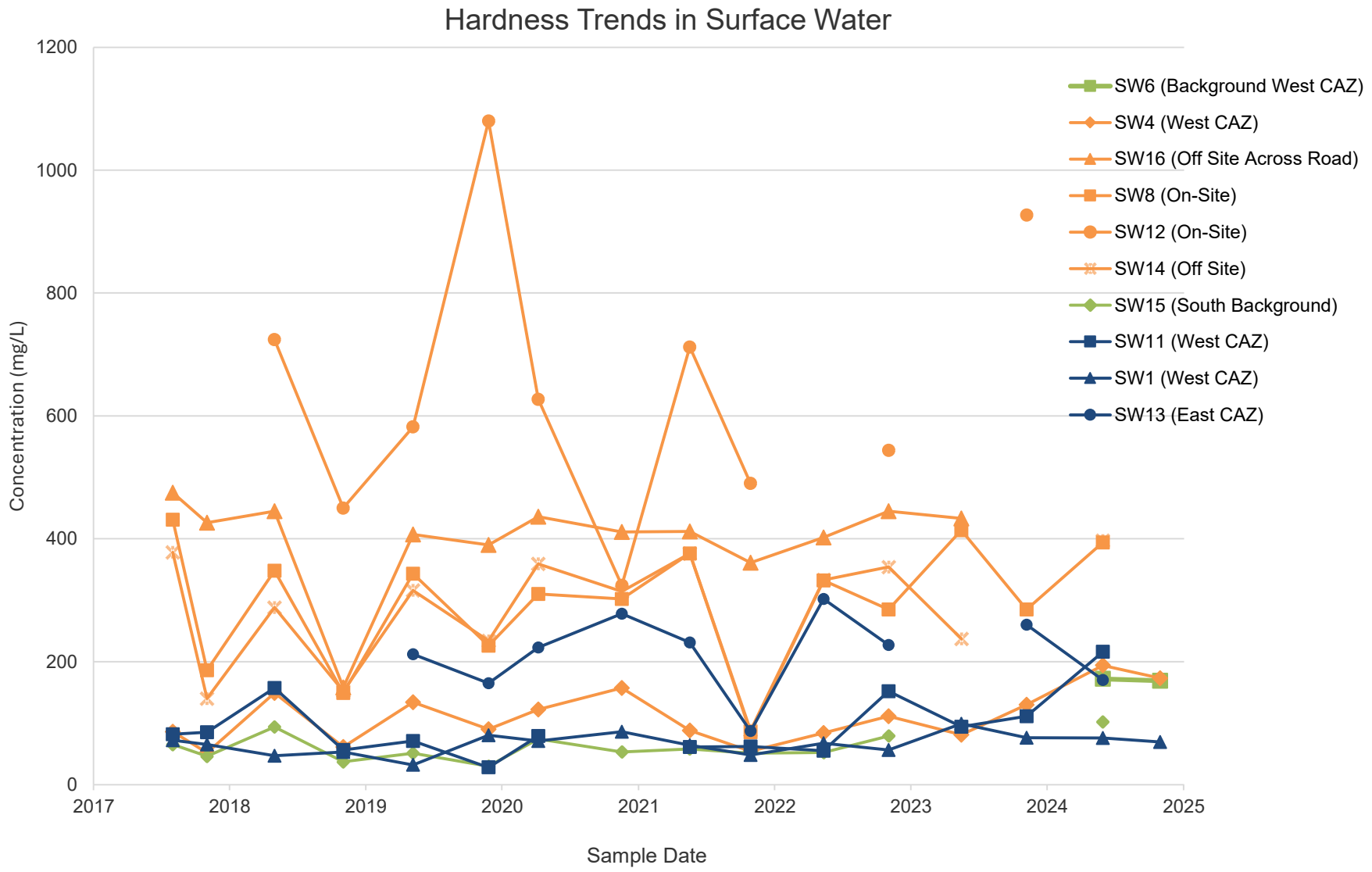

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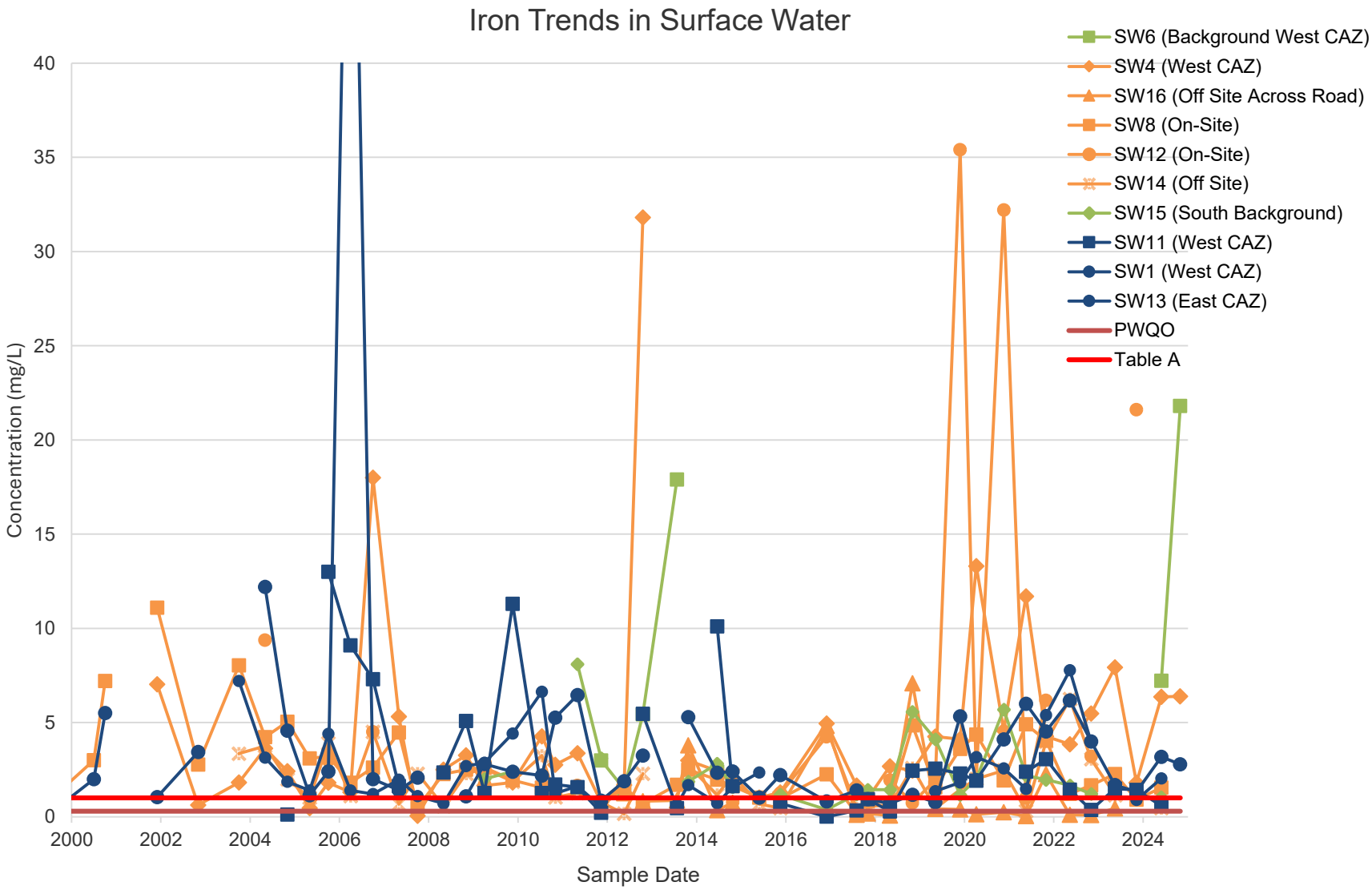

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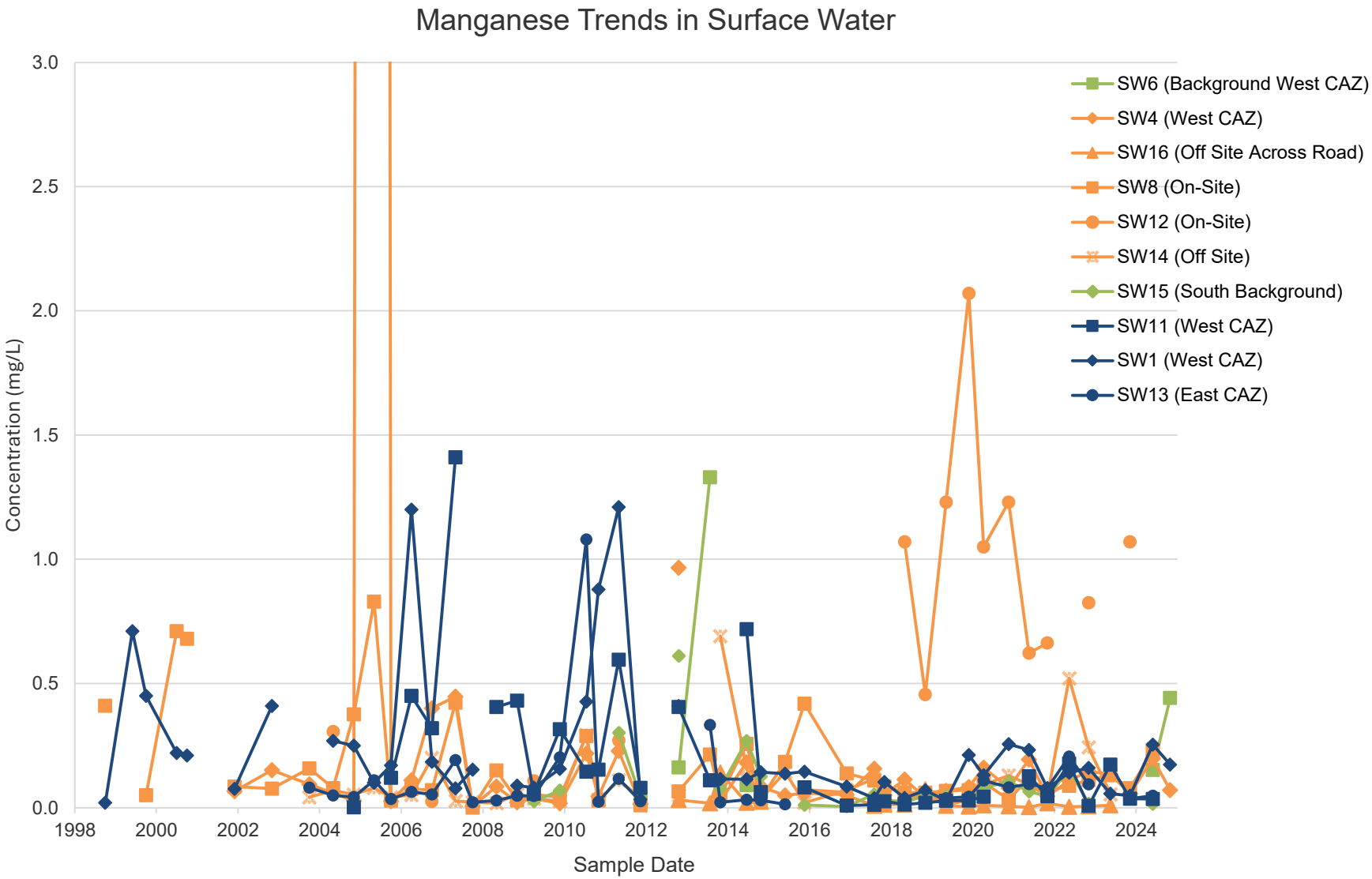

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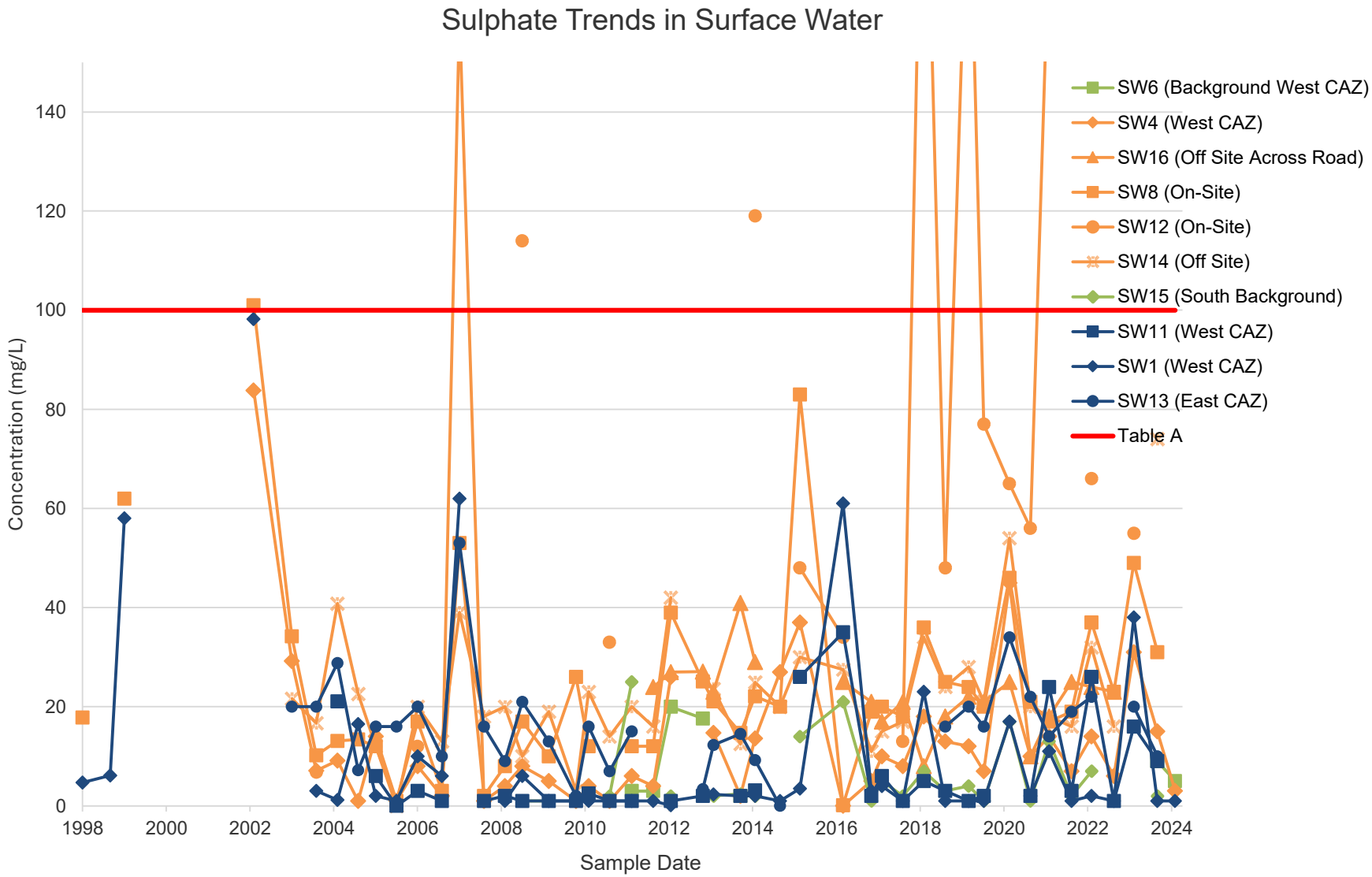

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Appendix J

Borehole Logs

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH101**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

DRILLING METHOD: **Hollow Stem Auger**

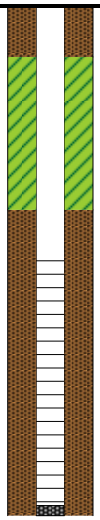
SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW101**
WELL TAG#: **A214566**
GROUND SURFACE ELEV.: **100.771**
TOP ELEVATION: **101.723**

DATUM: **NAD 83 Zone 18**
EASTING: **415427**
NORTHING: **4916927**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Well Construction



Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Fill**		I	-	-	-
	Sand					
	Clay		Moist	S01	50	4
	some silt, brown, soft					
1	organic debris at 0.8m			S02	10	3
	organic debris at 1.4m			S03	40	5
2			Wet	S04	50	6
3	granite chunks in end of spoon			S05	50	100
	End of borehole at refusal (3.1m)					
4						
5						
6						
7						

CGI (% LEL): 0 50 100

PID (ppm): 1 10 100 1000

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
1.5m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: dry
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH102**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

DRILLING METHOD: **Hollow Stem Auger/Air Hammer**

SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW102**
WELL TAG#: **A214609**
GROUND SURFACE ELEV.: **97.491**
TOP ELEVATION: **98.342**

DATUM: **NAD 83 Zone 18**
EASTING: **416173**
NORTHING: **4917048**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0		**Topsoil** black, abundant		Dry	S01	58	7
		Silty Clay grey, dense		Dry	S02	100	14
1				Dry	S03	100	10
2				Wet	S04	100	19
				Saturated	S05	100	13
3		silt and sand lense at 2.8m split spoon refusal at 3.8m auger refusal at 4.0m		Saturated	S06	50	31
		Sand and Gravel coarse		Saturated	S07	100	17
4		**Bedrock** granite		Saturated	-	-	-
5							
6		fracture/void at 6.1m					
		centralizer installed at 6.7m			-	-	-
7							
8							
9		End of borehole at target depth (9.1m)					

CGI (% LEL): 0 50 100
PID (ppm): 1 10 100 1000

Notes: Well Construction Details
aboveground casing
38mm schedule 40 PVC
0.25mm slotted screen
2.7m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: --
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH103**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

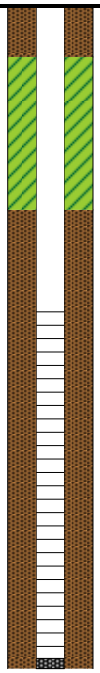
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW103**
WELL TAG#: **A214609**
GROUND SURFACE ELEV.: **97.554**
TOP ELEVATION: **98.391**

DATUM: **NAD 83 Zone 18**
EASTING: **416173**
NORTHING: **4917048**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**see BH102 for details**							
	1									
	2				—	-	-	-		
	3									
	4		End of borehole at refusal (4.0m)							
	5									
	6									
	7									

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
2.1m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 2.48
depth to bottom*: 4.42

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH104**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

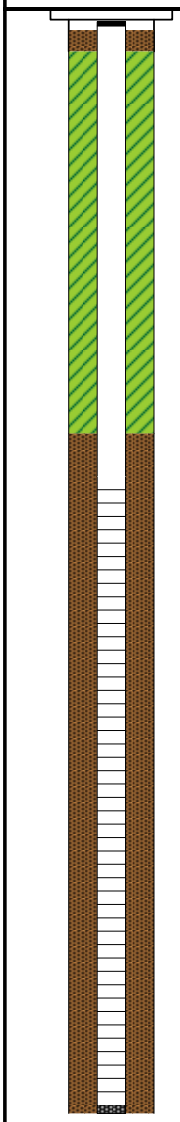
DRILLING METHOD: **Hollow Stem Auger/Air Hammer**

SAMPLING METHOD: **Spiltspoon**

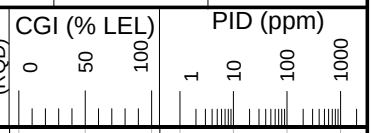
WELL ID: **MW104**
WELL TAG#: **A214605**
GROUND SURFACE ELEV.: **97.085**
TOP ELEVATION: **96.95**

DATUM: **NAD 83 Zone 18**
EASTING: **416367**
NORTHING: **4917233**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP



Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Topsoil**					
	Silty Clay some sand, trace oragnics, grey		Moist	S01	80	4
1			Wet	S02	100	14
	Clay splitspoon refusal at 1.3m			S03	100	50
	Bedrock granite, red and black					
2						
3						
4	fracture at 4.4m					
	fracture at 4.7m		I	-	-	-
5						
	fracture at 5.8m					
6						
7						
8	End of borehole at target depth (8.1m)					



Notes:

Well Construction Details
aluminum flushmount casing
38mm schedule 40 PVC
0.25mm slotted screen
4.6m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 1.62
depth to bottom*: 7.95

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH105**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

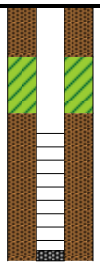
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Not Sampled**

WELL ID: **MW105**
WELL TAG#: **A214605**
GROUND SURFACE ELEV.: **97.241**
TOP ELEVATION: **98.065**

DATUM: **NAD 83 Zone 18**
EASTING: **416367**
NORTHING: **4917233**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**See BH104 for details**		—	-	-	-		
	1									
			End of borehole at refusal on bedrock (1.5m)							
	2									
	3									
	4									
	5									
	6									
	7									

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
0.8m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 1.79
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
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Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH106**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

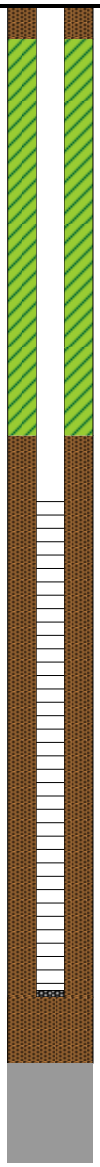
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Spiltspoon**

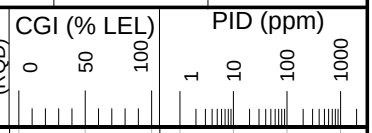
WELL ID: **MW106**
WELL TAG#: **A214604**
GROUND SURFACE ELEV.: **95.931**
TOP ELEVATION: **96.812**

DATUM: **NAD 83 Zone 18**
EASTING: **416285**
NORTHING: **4916099**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP



Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0		**Silty Clay** grey with brown mottling, trace organics		Moist	S01	100	9
1					S02	100	17
		light mottling at 1.5m			S03	100	18
2					S04	100	26
		trace silt at 2.5m wet zone at 2.8m soft from 3.0m to 3.2m			S05	100	6
3					S06	100	3
4					S07	100	10
		soft at 4.3m			S08	100	4
5		some sand at 5.0m			S09	100	8
6				Wet	S10	100	4
		voids/pockets at 6.5m			S11	100	6
7		intermittent sand lenses from 7.3m to 8.5m			S12	100	11
					S13	100	10
8		silt at 8.2m			S14	100	39
9		**Sand** some silt		Saturated	S15	50	10
		flowing sand at 9.5m			-	30	-
10					-	-	
		End of borehole at target depth (10.7m)					



Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
4.6m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 5.15
depth to bottom*: 10.09

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH107**

DRILLING CONTRACTOR: **Strata Drilling Group**

DRILLING EQUIPMENT: **GM100GT**

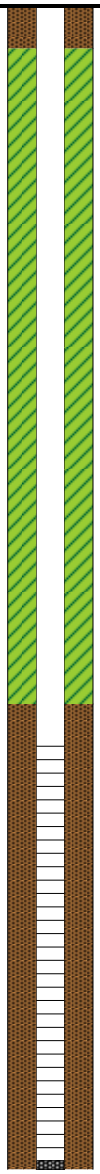
DRILLING METHOD: **Diamond Coring (NQ)**

SAMPLING METHOD: **Not Sampled**

WELL ID: **MW107**
WELL TAG#: **A215856**
GROUND SURFACE ELEV.: **-**
TOC ELEVATION: **-**

DATUM: **NAD 83 Zone 18**
EASTING: **416478**
NORTHING: **4916964**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
BC	BC	RKI Eagle 2 CGI and PID	2/6/2018	ZL	AP



Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	RQD	FF (per m)
0		**Silty Clay** brown, mottled, trace organics		Moist		100	100	
1								
2		**Bedrock** granite, mafic, competent		–		100	100	0
3						75	75	1
4		0.1 m fracture at 4.0 m						
5						100	100	0
6		fracture at 6.4 m fracture at 6.6 m				97	97	2
7						100	100	0
8		fracture at 8.0 m End of borehole at target depth (8.3 m)				100	100	1

CGI (% LEL): 0 50 100

PID (ppm): 1 10 100 1000

Notes: Well Construction Details
steel flushmount casing
32mm schedule 40 PVC
0.25mm slotted screen
3.0m screen
#1 sand

Groundwater Monitoring Details
monitored on -
CGI: -
CGI(ME): -
PID: -

depth to water: -
depth to bottom: -

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH201**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **Track Mounted CME 55**

DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW201**
WELL TAG#:
GROUND SURFACE ELEV.: **96.59**
TOP ELEVATION: **97.37**

DATUM: **18T NAD 83**
EASTING: **383659**
NORTHING: **4901629**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Clay** cornfield cover, trace sand, trace silt, brown		Damp	S01	100	4
				S02	75	18
1			Moist	S03	100	5
2	**Silt** some clay, trace sand, grey-brown			S04	100	29
	Sand coarse, light brown		Saturated	S05	83	51
3				S06	100	R
	Bedrock					
4						
5						
6						
	End of borehole at target depth (6.3 m)					
7						

CGI (% LEL): 0, 50, 100
PID (ppm): 1, 10, 100, 1000

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019
CGI: nr
CGI (ME): -
PID: nr

depth to water*: 4.50 m
depth to bottom*: 6.79 m

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH202**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **Track Mounted CME 55**

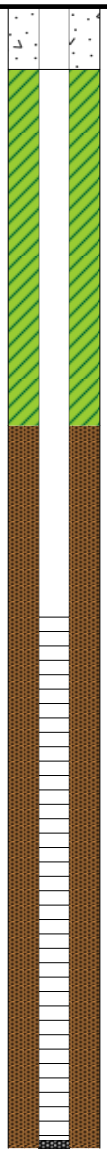
DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW202**
WELL TAG#:
GROUND SURFACE ELEV.: **96.6**
TOP ELEVATION: **97.36**

DATUM: **18T NAD 83**
EASTING: **383693**
NORTHING: **4901635**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**Clay** cornfield cover, trace sand, trace silt, grey-brown							
	1									
	2		**Silt** trace clay, grey-brown							
	3		**Sand** trace silt, brown							
			End of borehole at auger refusal (3.3 m)							

Notes: Well Construction Details
aboveground casing
38 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019
CGI: nr
CGI (ME): -
PID: nr

depth to water*: 1.40 m
depth to bottom*: 4.16 m

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH203**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **Track Mounted CME 55**

DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW203**
WELL TAG#:
GROUND SURFACE ELEV.: **95.96**
TOC ELEVATION: **96.79**

DATUM: **18T NAD 83**
EASTING: **383682**
NORTHING: **4901614**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Depth (meters)	Description	Type	Sample	% REC	RQD	FF (per m)
0–1	**Clay** vegetation cover, trace silt, grey-brown		S01, S02, S03			
2	**Clayey Silt** trace sand, light brown					
3–4	**Clay** trace silt, grey-brown					
5–10	**Silt** trace clay, trace sand, grey					
11–13	**Sand** trace silt, grey-brown			42		2
14–17	**Bedrock**					
18	End of borehole at target depth (17.2 m)					

Moisture

CGI (% LEL): 0, 50, 100

PID (ppm): 1, 10, 100, 1000

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019 depth to water: 1.11 m
CGI: 240 ppm depth to bottom: 15.57 m
CGI (ME): 350 ppm
PID: nr

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

WELL LOG

Enclosure No.: A331662

Project Name: **1037 - Lansdowne**		Project Number: **1037**
Client: **Township of Leeds and the Thousand Islands**	Well Number: **BH301**	Page: **1 of 1**
Location: **Lansdowne Waste Disposal Site**	Date Started: **2021 July 19**	Datum: **NAD 83 UTM Zone 18N**
Drilling Contractor: **Canadian Environmental Drilling Contractors Inc**	Date Finished: **2021 July 19**	Elevation:
Drilling Equipment: **CME 55LC**	Easting:	Northing:
Drilling and Sampling Method: **150mm Solid-Stem Augers**	Logged By: **M. Wright**	Checked By: **J. Pyke**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description	Monitoring Well	Sample Type	Sample Number	Recovery (%)	Penetration Index / RQD
0.2			**Clay** brown, moist.					
0.4								
0.6								
0.8								
1.0								
1.2								
1.4								
1.6								
1.8								
2.0								
2.2								
2.4			**Bedrock (Red Granite)**.	Bentonite				
2.6								
2.8								
3.0								
3.2								
3.4								
3.6								
3.8								
4.0								
4.2								
4.4								
4.6								
4.8								
5.0								
5.2				5.2				
5.4								
5.6								
5.8								
6.0				Filter Sand				
6.2								
6.4								
6.6								
6.8								
7.0								
7.2				Screen				
7.4								
7.6								
7.8								
8.0								
8.2								
8.4								
8.6								
8.8				8.8				
9.0			End of borehole at target 8.84 m.					

NOTES:

Well Construction Details
stick-up with aluminum monument
38.1 mm Sch. 40 PVC
2.54 mm slotted screen
3.05 m screen
#1 sand

Groundwater Monitoring Details
monitored on 2021 August 31
DTW[1]: 1.8 m
DTB[1]: 8.8 m
[1]depths are reported from TOP

- combustible and organic vapour values of 0 indicate no response on the instrument or below the lower explosive limit