Township of Leeds and the Thousand Islands

Escott Waste Disposal Site
2024 Annual Monitoring Report

MALROZ
Environmental Scientists & Engineers

ECA No. A441703
File No. 1038-134.00
Submitted: March 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	Escott Waste Disposal Site
Location (e.g. street address, lot, concession)	Lot 8, 9, and 10, Broken front Concession in the Township of Leeds and the Thousand Islands
GPS Location (taken within the property boundary at front gate/ front entry)	442424.05 N, 755638.79 N
Municipality	Township of 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:	A441703
Director's Order No.:	N/A
Provincial Officer's Order No.:	N/A
Other:	N/A

Report Submission Frequency	◉ **Annual** ○ **Other**	Specify: March 31, 2025	
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	40,000	*Units*	Cubic Metres
Does your Site have a Maximum Approved Fill Rate?	○ **Yes** ◉ **No**		
If yes, please specify Maximum Approved Fill Rate	N/A	*Units*	
Total Waste Received within Monitoring Period (Year)	-	*Units*	Cubic Metres
Total Waste Received within Monitoring Period (Year) *Methodology*	surveyed using a Trimble R10 GNSS, compared to final contours		
Estimated Remaining Capacity	2275	*Units*	Cubic Metres
Estimated Remaining Capacity *Methodology*	difference between annual surveys (2016-2024) and approved total capacity		
Estimated Remaining Capacity *Date Last Determined*	December 2024		
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: Domestic and Non-hazardous solid industrial waste (per ECA)
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**	February 13, 2021
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

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**	OW14 was replaced in June 2024 by MW201.
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**
OW14	Monitoring well MW201 was installed in June 2024 to replace destroyed monitoring well OW14	June 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**	
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**
Type Here	Type Here	Select Date
Type Here	Type Here	Select Date
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**	The report proposes acquisition of additional CAZ.	
6) The site meets compliance and assessment criteria.	○ **Yes** ◉ **No**	See previous comment and report for details.	
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**		
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**	See report.	

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.

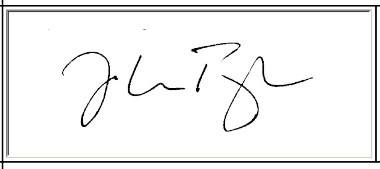
The completion of this Checklist is a requirement of the MECP. As always, we rely upon the MECP to undertake a complete review the report(s) provided regarding the waste disposal site/landfill, and provide their comments and acceptance of our interpretation, conclusions and recommendations. The Checklist 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:

See MECP correspondence section of report

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.
○ **No Changes to site design and operation are recommended** ◉ **The following change(s) to the site design and operation is/ are recommended:**	Proposed approval of additional CAZ is underway.

Name:	John Pyke, P.Geo.		
Seal:	Add Image		
Signature:		**Date:**	March 27, 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, marshland
Distance(s)	north of the Site, south of the Site, see report for additional information

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
HBI	Could not be sampled in June 2024 due to dry conditions	June 2024
SW5, HBI, and HBO	Could not be sampled in October 2024 due to dry conditions	October 2024
Type Here	Type Here	Select Date

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, or MECP concurrence.	○ **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**
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.

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 7 in Report	PWQO, Table A, Table B	See report for discussion.
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:

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**	See report for discussion. Surface water parameters generally fall within the historic range of results, with the exception of iron at HBO (spring) and SW4 (fall) and manganese at HBO and SW5 during the spring sampling event.
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	See report for discussion.
9) Have trigger values for contingency plans or site remedial actions been exceeded (where they exist):	◯ **Yes** ◯ **No** ◉ **Not Applicable**	See report for discussion.

Surface Water CEP Declaration:

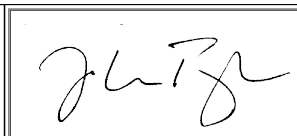
I, the undersigned hereby declare that I am a Competent Environmental Practitioner as defined in Appendix D under Instructions, holding the necessary level of experience and education to design surface water monitoring and sampling programs, conduct appropriate surface water investigations and interpret 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:

See MECP correspondence section of the report

Recommendations:

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

○ **No Changes to the monitoring program are recommended**	See report for discussion. Consider removing HBI and SW5 from the monitoring plan due to the lack of apparent landfill leachate impact to the surface water, and the well vegetated separation buffer.
◉ **The following change(s) to the monitoring program is/are recommended:**	
○ **No changes to the site design and operation are recommended**	Evaluation of options for acquisition of CAZ is recommended. See report for discussion.
◉ **The following change(s) to the site design and operation is/are recommended:**	

CEP Signature	
Relevant Discipline	Geoscientist with relevant experience and training.
Date:	March 27, 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) for the Escott Waste Disposal Site (WDS), in fulfilment of Condition 52 of Amended Environmental Compliance Approval (ECA) No. A441703.

Malroz has relied upon TLTI staff to provide historical 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 Amended Environmental Compliance Approval. 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.

per: Ryan Fox, P.Eng.
Environmental Engineer

and: John Pyke, P.Geo.
Project Manager

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

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List of Appendices

1.0 Introduction

The Escott Waste Disposal Site (the Site) operates under Amended Environmental Compliance Approval (ECA) No. A441703, issued by the Ministry of Environment, Conservation, and Parks (Ministry) and dated February 13, 2021 (see Appendix C).

The Site is located on part of Lots 8, 9, and 10 Broken Front Concession in the Township of Leeds and the Thousand Islands (TLTI) and is depicted in 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 March 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 and Infrastructure
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 the Site

The Site is located on part of Lots 8, 9, 10, Broken Front Concession, in the Township of Leeds and the Thousand Islands (former Township of Front of Escott). The Site is located approximately 0.5 km north of Highway 401 and approximately 2.3 km northwest of the St. Lawrence River. Geodetic coordinates for the Site benchmark are as follows (2013 Site survey):

Zone:	NAD 83, 18T
Easting:	0424873.3 m (+/- 0.5 m)
Northing:	4917507.5 m (+/- 0.5 m)

The Site has an approved waste volume of 40,000 m^3 (excluding final cover) and is actively landfilling non-hazardous waste materials from within Ward 3, Front of Escott in the TLTI. The current Site property boundary and fill area is shown on Figure 2 (Appendix A).

2.2 Geological Setting

Based on geological maps of the region, the geological setting at the Site consists of Precambrian metasedimentary rocks, including paragneiss, pelitic and psammo-pelitic schists, and gneisses (Hewitt, 1964). The bedrock is considerably folded at the Site, dipping northwest by approximately 70 degrees (Hewitt, 1964). The bedrock to the northwest of the Site (at Escott centre) consists of Precambrian granitic gneiss, while bedrock southeast of Highway 401 is quartzite (Hewitt, 1964). Borehole logs from the Site suggest that bedrock is between 0.46 and 7.62 metres below grade (mbg), with increased depth to bedrock in the field north of the waste mound (Appendix J). Bedrock outcrops are visible in the southern portion of the Site near BW3 (Figure 2, Appendix A).

Overburden at the Site consists of brown, silty clay, silt, and clay, underlain by a greyish sandstone (Appendix J). These are likely glacial-lacustrine deposits (Hewitt, 1964). This is inconsistent with the OGS regional map No. 2054 by Jupe and Jackson (Hewitt, 1964). However, it is possible that structural folding in the area has influenced this discrepancy, as small local features are generally not included in a map of larger scale (1:126,720), such as OGS map No. 2054. The borehole log for BW1 also suggests that a thin (approximately 2.4 metres) sandstone unit overlies the granite, which is consistent with the literature: Precambrian granitic is overlain by Ordovician sandstone and dolomite from the Beekmantown, Potsdam, or Nepean Formations (Hewitt, 1964). Borehole logs identified a red granite beneath the sandstone in the bedrock wells, and in some cases (BW2 and MW103) the sandstone was not observed.

2.3 Hydrogeologic Setting

Based on Malroz site observations and descriptions by previous consultants, the hydrogeological setting at the Site is separated into two zones: in the overburden and bedrock. The vertical relationship between the bedrock and overburden zones has not been fully characterized. Proximal overburden and bedrock wells (OW8R1 and BW3 respectively), located to the southwest of the waste mound show a downward gradient, suggesting a zone of recharge. To the north of the waste mound, overburden and bedrock wells OW3 and BW1 have historically shown a slight upward gradient indicating discharge.

According to the previous consultant, the overburden zone is not used as a source of potable water in the vicinity of the Site, and there are no reported uses of the overburden zone as a source of agricultural water in the vicinity of the Site (Day, 2015). We understand that the TLTI has received no reports stating otherwise since Day's report (2015). The agricultural field north of the waste fill area is reportedly tile-drained (draining towards the northeast) and discharges at a Hickenbottom outlet which, in turn, drains into the wetland that feeds La Rue Mills Creek (Day, 2015). Two residential properties are within 500 m of the Site: the first is located about 300 m southwest and the other is approximately 500 m south (Jp2g, 2013). A residential bedrock well was formerly sampled as part of the monitoring program at the residence ~300 m southwest of the Site (then known as the 'MacDonald residence'). This sampling was discontinued prior to 2015 (historic chemistry suggests the last sampling year was 2012), and BW3 has since been considered a sentry well for the MacDonald residence.

2.4 Surface Water Features

Based on site observations and previous reports, two streams run parallel (SW-NE) to and are located on either side of the Site. The stream along the northern side (the north stream) of the Site is manmade and reportedly maintained for the purpose of draining excess water from the adjacent agricultural field (Day, 2015). The north stream passes under Escott Rockport Road via a culvert located at SW4, and low flow conditions have historically been observed (SW4).

The stream to the south of the Site (the south stream) passes through the wetland area located beyond the wooded area southeast of the Site. The south stream also passes under Escott Rockport Road via a culvert near SW7. The south stream comprises a larger area than the north stream, however, lentic flow conditions have been historically observed at SW7. The previous consultant reported that although the south stream is not anthropogenic, it is periodically cleaned to ensure positive drainage (Day, 2015). Malroz is not aware of any such activities taking place at the south stream. The previous consultant also noted the presence of beaver populations and multiple active and inactive beaver dams along the stream (Day, 2015).

Based on historic site observations, water at the Site tends to pond behind the recycling bin (to the southwest of the active waste mound), and along the southeast side of the entrance road by the brush pile. Grading was previously undertaken within this area in 2019 to address this ponding. Low lying areas are adjacent to the northwest and southeast of the waste mound. Surface water runoff from the mound collects in these areas and flows to the north towards the Hickenbottom Inlet.

During periods of high precipitation, a pond is present in the south portion of the Site near OW13 and OW7, and reportedly drains towards the southeast. During periods of low precipitation, this area and the small stream that flows from the area towards the south stream is dry.

2.5 Environmental Compliance Requirements – Landfill Monitoring

Inspections must be carried out at least twice per year. A groundwater and surface water sampling program including analysis for parameters in Schedule 2 and Schedule 3 of the ECA is required, refer to Appendix C.

2.6 Complaints Received by the Municipality

TLTI received no complaints related to Site operations in 2024.

2.7 Ministry Correspondence

In August 2024, the Ministry was advised that MW201 (the replacement well for OW14) had been installed, and forwarded a figure and a well log (included in Appendix E).

The Surface Water Review agreed with recommendations in the 2023 AMR, except for removing HBI and SW5 sampling program. HBI and SW5 remain in the sampling program.

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 A441703, which permits a 1.0 hectare waste disposal and transfer site a total site area of 15.1 hectare for disposal of municipal non-hazardous waste, transfer station for accepting cans, plastics, scrap metal, tires, paper, cardboard, electronics, and non-refrigerant white goods (Figure 2, Appendix A, and Appendix C). The approved waste volume is 40,000 m^3 (excluding final cover).

The TLTI plans to purchase a Contamination Attenuation Zone (CAZ) to the northeast of the site (approximately 2.1 ha).

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. Photos of the Site are presented in Appendix D.

3.2 Site Access

The Site can be accessed by Escott Rockport Road via either County Road 2 or the Thousand Islands Parkway.

3.3 Service Area and Population

Escott is one of three active waste disposal sites serving TLTI (along with the Lansdowne and Briar Hill Landfills). Permission for waste disposal is restricted to Ward 3 residents; however, Escott can recycle and transfer waste from within the TLTI. According to the 2021 census, the population of the TLTI was 9,804 (StatCan, 2021).

3.4 Site Operation

The Site operates Tuesdays and Saturdays 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.

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, rodents, coyotes, and/or racoons in the spring through the fall,
- wind blown litter (efforts to pick up windblown litter were noted), and
- salt and dust suppressant was applied when necessary.

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. One load of large trees was refused in September 2024.

The Site relies on natural attenuation, with no engineered systems for leachate collection or storm water management, other than a ditch located along the north-western edge of the waste mound.

Landfill gas migrating from the Site is not collected by an engineered gas system. In 2023, a new elevated attendant’s trailer was installed at the Site to mitigate risks that gas accumulates within the enclosed space.

3.5 Phasing of Site Usage

Waste at the Site is compacted with a wheeled compactor and covered bi-weekly. Between bi-weekly compaction events, TLTI personnel apply cover material from an on-site stockpile so that cover is applied weekly.

Cover material is not stockpiled at the Site. Material is brought to the Site during covering operations, placed on a compacted portion of the waste fill area, and typically used within 48 hours.

3.6 Record Keeping

Field notes and Site records are maintained at the Township offices, 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 onsite to divert material from the landfill. Removal and processing of the recycling materials was completed by Environmental 360 Solutions. The hours of operation for the recycling depot are the same hours as those for the landfill.

Tires are not accepted at the Site; however, users are directed to the Lansdowne WDS where the tires are recycled. Tires dumped at the gates of the Site are stockpiled and shipped to the Lansdowne WDS for recycling.

3.8 Remaining Site Capacity

Based on a survey completed December 10, 2024, the remaining waste capacity is approximately 2,275 m^3 (see Figure 5, Appendix A). Portions of the active front of the landfill appear to be driveway installed to access the waste face. This non-waste material should be removed as the landfill progresses as not to impact the volume of waste permitted at the site. Should this space be available, we estimate that the landfill has an estimated 10-15 years of capacity remaining, taking into consideration the work undertaken by the Township in 2022 to reclaim capacity and compact garbage and an average fill rate calculated from data from 2016 to 2024. This estimate is likely to vary significantly due to the timing of compaction and cover activities at the Site and impacts of the driveway to the waste face, in relation to the timing of capacity assessments.

4.0 Site Surveillance, Monitoring, and Sampling Program Scope

The surveillance, monitoring, and sample programs are conducted in accordance with the monitoring program 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, 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 sampling events. 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.

4.3 Groundwater Monitoring Program

Prior to sampling, each well is monitored for depth to water, depth to 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, 3 to 5 well volumes of groundwater were purged from each well or, wells were pumped dry 3 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. 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 3 of the ECA (Appendix C), the groundwater monitoring program consists of nine overburden monitoring wells (OW3, OW5, OW8R1, OW11R1 (replaced by MW105), OW12, OW13, OW14 (replaced in 2024 by MW201), MW101, MW102, and MW104) and four bedrock wells (BW1, BW2, BW3, BW4 (replaced by MW106), and MW103) tested for lab and field parameters. In addition, OW14 and BW1

samples are tested for organic compounds in even years. Background levels are characterized by BW3 and OW8R1. Compliance is evaluated at OW3, OW12, MW105, BW2 and MW106.

4.4 Surface Water Monitoring Program

As detailed in Schedule 2 of the ECA (Appendix C), the surface water monitoring program is comprised of four sampling stations: SW4, SW5, HBI, HBO (Figure 2, Appendix A). SW4 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.

Leachate indicator parameters (LIPs) for the Site are ammonia, chloride, iron, and manganese. This reduced list of LIPs was proposed and adopted in 2019. Monitoring well OW14 is used to characterize leachate within the overburden and monitoring well BW1 is used to characterize the leachate within the bedrock at the Site. OW14 was damaged in 2022 and was replaced in June 2024 by monitoring well MW201.

4.6 Data Quality Evaluation

Water analyses are undertaken by Caduceon, a Canadian Association for Laboratory Accreditation (CALA) certified laboratory that uses industry recognized methods to conduct laboratory analyses. A duplicate sample was submitted for the suite of analyses described in Section 5.0. Results of the analyses of the duplicate samples generally had reasonable agreement for the analyzed parameters. Based on the QA/QC results, the analytical results may be relied upon.

Malroz completed field activities in accordance with standard operating protocols to ensure precise sample collection and reduce the risk of cross-contamination.

Information from both the laboratory and field is validated by Malroz before data analysis.

4.7 Deviations from the Monitoring Plan

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

- BW4 was damaged and replaced by MW106.
- OW11R1 was damaged and replaced by MW105.
- OW14 was destroyed and replaced with MW201.

5.0 Site Inspection Results

Site inspections were undertaken by Malroz during the 2024 sampling events.

5.1 Site Inspection

During the Malroz inspections in the spring, ponding and leachate springs were evident onsite. No significant ponding or leachate springs were observed in the fall (Appendix G). Litter was noted at both the spring and fall sampling events. Waste observed by the front gate, outside of the approved fill area, in the spring.

5.2 Well Inspection

Results of the well inspections are summarized in Table 1 (Appendix B). Copies of the site inspections completed by Malroz staff in 2024 are included in Appendix G. Site photographs of sampling locations are presented in Appendix D.

Monitoring wells included in the monitoring program were found to be in good condition during the most recent site inspection conducted on October 17, 2024.

5.3 Methane

Methane concentrations in the monitored wells were below the instrument detection limits.

6.0 Groundwater Monitoring Program Results

The groundwater monitoring program considers two distinct areas: overburden and bedrock groundwater. Results of the groundwater monitoring are presented in Table 3.

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 elevations indicate a predominantly north-easterly flow in the northeastern portion of the land fill area, with a northwestern component in the northern portion with a local high in at the northeast side of the landfill near MW201 (Figure 3, Appendix A), similar to previous analyses. Bedrock groundwater elevation monitoring

indicates a small easterly component with a local high in at the northeast side of the landfill (Figure 4, Appendix A), similar to previous analyses.

6.2 Groundwater Quality

Results for the 2024 groundwater chemical analyses are presented in Table 4, 5, and 6 (Appendix B). Results have been compared to relevant standards, and observed exceedances are highlighted to allow for visual interpretation. Laboratory certificates of analysis are provided in Appendix H.

6.2.1 Overburden Groundwater Quality

Overburden groundwater sample analysis results are found in Table 4 (Appendix B). Elevated levels of hardness were noted in most wells, including the background well OW8R1. Monitoring well MW201 replaced OW14 in June 2024.

LIPs were evaluated at downgradient monitoring wells OW3, OW5, OW12, MW105, MW101, MW102, and MW104, and compared to background well OW8R1 (see Appendix I):

- Ammonia concentrations in compliance well MW105 were slightly elevated compared to background levels, as are CAZ wells MW102 and MW104. The highest ammonia concentrations were generally reported at compliance well MW105 (with exception of the spring concentration at monitoring well MW102), but were below concentrations reported in the waste area at MW201. Ammonia concentrations reported at monitoring well MW201 were higher than previous results reported at previous waste area monitoring well OW14.
- The chloride concentrations at compliance wells OW3 and MW105, and CAZ well MW102 are similar and above background concentrations reported at OW8R1. Chloride concentrations at compliance well OW3 and off site well MW104 are similar to background concentrations. The concentrations of chloride measured from these wells are well below the ODWS aesthetic objective of 250 mg/L and below concentrations reported in the waste area at MW201. Chloride concentrations reported at monitoring well MW201 were higher than previous results reported at previous waste area monitoring well OW14.
- Iron concentration exceeded the OWDS aesthetic objective of 0.3 mg/L at compliance well MW105 in the spring and fall sampling events. Downgradient compliance well OW3, downgradient well OW12, CAZ well MW102, and off site well MW104, have similar concentrations to the background well, and appear stable based on a review of results from the past four years. The concentrations of iron measured from these wells are below the concentrations reported in the waste area at MW201. Iron concentrations reported at monitoring well MW201

were lower than previous results reported at previous waste area monitoring well OW14.

- Manganese concentrations in downgradient compliance well MW105, downgradient well MW101, and CAZ well MW102 are lower than concentrations of manganese in the waste area (MW201), but above the OWDS aesthetic objective of 0.05 mg/L. Downgradient compliance wells OW3 and OW12, downgradient well OW5, and off site well MW104 report concentrations of manganese similar to background levels and below the OWDS criteria.

Analysis of the Site's LIPs indicates that OW3, OW12, MW102, and MW104 have little or no leachate impact. This finding is consistent with previous years, as the concentrations of contaminants in these areas are generally similar to, or only slightly above, concentrations reported at the background well (OW8R1).

The concentration of uranium at MW102 exceeded the ODWS during the fall sampling event in 2024. Bedrock well MW103 also exceeded the ODWS for uranium during both sampling events in 2024, however, uranium concentrations in bedrock appear to increase with distance from the landfill, which may be due to background conditions within the bedrock. Given that we generally interpret an upward gradient in that area of the site due to the surrounding topology and associated tile drainage, the background conditions in bedrock appear to influence concentrations within the overburden. Further analysis of uranium will be completed in 2025 considering the leachate well is below the ODWS.

Expanding the CAZ as indicated on Figure 2 in green will provide an adequate attenuation zone at the landfill. The data indicates the purchase of the CAZ land would bring the Site into compliance with B-7.

6.2.2 Bedrock Groundwater Quality

Bedrock groundwater sample analysis results are found in Table 5 (Appendix B). Elevated levels of hardness were noted in all wells, including the background well BW3.

LIPs were evaluated at downgradient compliance monitoring wells BW2 and MW106, leachate well BW1 adjacent to the waste area, and MW103 located within the proposed CAZ buffer lands, then compared to background well BW3 (see Appendix I):

- Ammonia concentrations in leachate well BW1 were elevated relative to concentrations reported at background well BW3, however, continue to be relatively stable. The concentrations in compliance well BW2 and CAZ well MW103 are similar to the background concentrations reported at BW3.

- Chloride concentrations in leachate well BW1 appear elevated relative to concentrations reported at other monitoring wells, and are higher than background concentrations, however, they appear to be trending downwards with the exception of the fall sampling event. Compliance monitoring well MW106 and CAZ well MW103 reported similar chloride concentrations to background well BW3. The concentrations of chloride at BW2 were reported to be below the background concentrations, consistent with previous results. The concentrations measured in these wells are below the ODWS aesthetic objective of 250 mg/L.
- Iron concentrations measured in compliance well MW106 and CAZ well MW103 appear below the historic concentrations of leachate well BW1, and marginally exceed the ODWS aesthetic objective of 0.3 mg/L. Background concentrations and concentrations in compliance well BW2 are below the ODWS.
- Manganese concentrations reported in compliance well BW4 and CAZ well MW103 continue to remain below the historic concentrations of the leachate well (BW1), and exceed the ODWS aesthetic objective of 0.050 mg/L. Background concentrations and concentrations in compliance well BW2 were below the ODWS in 2024.

An analysis of the site's leachate impact shows that compliance well BW2 has little leachate impact in our opinion. This finding is consistent with previous years, as the concentrations of contaminants in this area is generally similar to, or only slightly above, background levels. Based on the groundwater flow direction from the 2024 monitoring data, BW2 was indicated as being located downgradient from the landfill.

Compliance well MW103 is situated within the proposed CAZ lands and, in our opinion shows little evidence of leachate impacts, particularly when compared to concentrations in compliance well MW106, which indicates attenuation. Compliance well MW103 generally shows similar groundwater quality to the background well for ammonia, with the exception of manganese and iron concentrations. Review of the concentrations reported in compliance well MW103 further supports purchasing the CAZ lands northeast of the landfill, as shown on Figure 2.

As previously discussed in Section 6.2.1, concentrations of uranium exceeded the ODWS at MW103 during both sampling events in 2024. Given that the concentration of uranium appears to increase with distance from the landfill, this may be a result of background conditions within the bedrock. Further analysis of the uranium will be completed in 2025.

6.2.3 VOC Analyses

In accordance with the monitoring program, an analysis of VOCs was completed at monitoring wells BW1 and MW201 in June and October 2024. Analysis of VOCs at

these wells is completed every two years during the spring and fall sampling events. The next event will occur during the spring of 2026.

The results indicated that the concentrations of VOCs were generally below the detection limit, with the exception of benzene at new leachate well MW201 in duplicate samples which exceeded the ODWS standard of 1.0 µg/L. Refer to Table 6 (Appendix B) for detailed results of the analysis. Benzene was not detected in BW1, which is located adjacent to the historical waste pile.

7.0 Surface Water Monitoring Program Results

The surface water monitoring program at the Site is characterized by four sampling stations: SW4, SW5, HBO, and HBI. Coordinates (UTM) for each of the surface water stations are presented in Table 2 (Appendix B). Surface water stations SW5, HBO, and HBI were observed to have dry conditions during the fall sampling event, and HBI was also observed to have dry conditions during the spring sampling event. Results of the surface water analyses are presented in Table 7 (Appendix B).

7.1 Surface Water Flow

The north stream is located approximately 75 m to the northwest of the waste pile and flows northeast (see Figure 2, Appendix A).

7.2 Surface Water Quality

LIPs were evaluated at stations SW5 and HBO (HBI was observed to have dry conditions during both sampling events and could not be sampled in 2024) and compared to background station SW4 (see Appendix I):

- Ammonia concentrations at the surface water stations sampled were generally similar (i.e., within the same order of magnitude) to background station SW4.
- HBO continues to report higher chloride concentrations than the other stations; the HBI station was observed to have dry conditions during both sampling events and could not be sampled in 2024 for comparison. The concentration of chloride at SW5 are similar to the background concentrations at SW4. The concentrations measured at the surface water stations are below the CWQG of 128 mg/L.
- Iron concentrations at surface water stations HBO and SW5 were higher than concentrations reported at background station SW4 during the spring sampling event; the iron concentration at HBO was a historically high concentration. All iron concentrations exceeded the PWQO, and concentrations at HBO and SW5 during the spring and SW5 during the fall also exceeded the APV. Only SW4 could be sampled during the fall sampling event, and reported a historically high concentration of iron. Iron concentrations should be re-evaluated in 2025 to

determine if the increased concentrations of iron observed in 2024 were anomalous due to drier conditions which resulted in increased turbidity in samples.

- Manganese concentrations at surface water stations HBO and SW5 were higher than conditions reported at background station SW4 during the spring sampling event, and represented historically high concentrations for the respective downstream stations. The concentration of manganese at SW4 during the fall sampling event was significantly higher than recent sampling events, however, was within the historical background range of concentrations. Manganese concentrations should be re-evaluated in 2025 to determine if the increased concentrations of manganese observed in 2024 were anomalous due to drier conditions which resulted in increased turbidity in samples.

The Hickenbottom and associated underground pipe is related to tile drainage managed by the landowner and should the pipe continue to appear blocked, amendment to the monitoring program may be considered.

Elevated levels of phosphorus and cadmium were also noted, including the background surface water station SW4. Considering the background conditions, the impact from the landfill, if any, does not appear significant in our opinion. The monitoring program remains appropriate in our opinion. Surface water analytical results are shown in Table 7 (Appendix B).

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

The reasonable use policy (RUP) provides a mechanism to calculate the reasonable use limits (RUL) for the Site using historical data from background well OW8R1 (formerly OW8) for overburden wells and BW3 for bedrock wells and corresponding drinking water criteria. Per Ministry Guideline B-7. Several groundwater RUL exceedances were reported for overburden compliance monitoring wells OW3, OW12, MW102, and MW105 and bedrock compliance monitoring wells BW1, BW2, MW106, and MW103 as presented in Table 4 and Table 5, respectively (Appendix B).

RULs for the following parameters were exceeded at one or more of the wells during the spring and/or fall sampling events: alkalinity, dissolved organic carbon (DOC), hardness, total dissolved solids (TDS), aluminum, iron, manganese, and uranium.

- The RULs for DOC and TDS are based on aesthetic objectives.

- Exceedances of the RUL for hardness may be influenced by non-leachate factors such as background contributions from the bedrock and/or soils common to the area; hardness exceeds the RUL at overburden and bedrock background wells OW8R1 and BW3, respectively.
- Exceedances of the RULs for aluminum, iron, and manganese may be leachate related, however other LIPs meet the RULs, suggesting elevated metals may not be, in whole or in part, leachate related.
- The concentration of uranium at MW102 exceeded the RUL during both sampling events in 2024. Bedrock well MW103 also exceeded the RUL for uranium during both sampling events in 2024, however, uranium concentrations in bedrock appear to increase with distance from the landfill, which may be due to background conditions within the bedrock. Given that we generally interpret an upward gradient in that area of the site due to the surrounding topology and associated tile drainage, the background conditions in bedrock appear to influence concentrations within the overburden. Further analysis of uranium will be completed in 2025.

Exceedances of RULs suggest that the Site is non-compliant with MECP Guideline B-7. However, a number of the parameters may not be leachate related, and the absence of domestic wells downgradient within 500 m of the Site indicates that, at this time, the Site does not pose a threat to human health.

The data indicates the purchase of the CAZ land would bring the Site into compliance with B-7.

As noted in section 6.2.1, data shows acquiring the proposed CAZ shown in Figure 2 would mitigate non-compliance with B-7. TLTI reports the CAZ land procurement is ongoing. The data indicates the purchase of the CAZ land would bring the Site into compliance with B-7.

9.0 Conclusions and Recommendations

The Escott WDS is an active site currently accepting non-hazardous solid waste. A Closure Plan was approved for the Site; however, considering the work undertaken by the Township in 2022 to reclaim capacity and compact garbage, the ongoing compaction, and portions of the active front of the landfill recommended for removal (see Section 3.8), the landfill could have approximately 10-15 years of capacity remaining.

The shallow overburden groundwater tends to flow northward from the landfill. Bedrock has historically shown a north to northwesterly groundwater flow, with a small hydraulic

gradient across the Site. Attenuation of the leachate in the subsurface appears to be occurring.

Ministry Guideline B-7 has been applied to the Site. Results indicate that wells downgradient from the landfill have exceeded the RULs for a number of parameters, suggesting the Site does not conform to Ministry Guideline B-7 along the north property boundary. Results from the sampling do not indicate significant leachate impacts in the groundwater extend beyond MW102 and MW103. These wells may serve as future compliance wells within the proposed CAZ shown on Figure 2.

In our opinion, no immediate threat to human health from the leachate at the Site is apparent as no identified domestic wells are downgradient and within 500 m of the Site, and natural attenuation is inferred.

Surface water stations do not show significant evidence of leachate impact.

Further monitoring to the east of the landfill is not proposed, as visual inspection showed typical Canadian Shield geography with forest conditions and steep rising rock topography, so site conditions preclude easily installing wells.

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

- Continue with program to purchase land to form a CAZ which extends from the landfill's northern and eastern extent up to groundwater monitoring station MW102 and MW103.
- Evaluate the need for groundwater and surface water triggers and submit to the ministry following the purchase of additional CAZ lands.
- Consider removing HBI and SW5 from the monitoring plan due to the lack of apparent landfill leachate impact to the surface water, and the well vegetated separation buffer.
- Further evaluation of the sample quality at HBI due to presumed pooling.

10.0 References

Day, A. (2015) Annual Groundwater and Surface Water Monitoring Report for Escott WDS (ECA No. 441703), Township of Leeds and the Thousand Islands.

Hamilton, S.M. (2015) Ambient groundwater geochemistry data for southern Ontario, 2007-2014, Ontario Geological Survey, Miscellaneous release data 283 (revised).

Hewitt, D.F. (1964) Geological notes for maps Nos. 2053 and 2054 Madoc-Gananoque Area, Ministry of Natural Resources, GC 12, 33p (reprinted 1974). Accompanied by Maps 2053 and 2054, scale 1:126,720.

Jp2g Consultants Inc. (2013) 2012 Annual Report Escott Waste Disposal Site, prepared for the Township of Leeds and the Thousand Islands, March 2013.

Malroz Engineering (2016) Annual Monitoring, Development and Operations Report, submitted to the Ministry of Environment and Climate Change (now Ministry) on June 2017

Ministry of Environment and Energy (1994). Provincial Water Quality Objectives (PWQO) from the Ministry of Environment and Energy's Water Management Policies & Guidelines, July 1994.

Ministry of the Environment. (2010). Technical Guidance Document: Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water. Ministry of the Environment, November 2010.

Province of Ontario (2023) Ontario Drinking Water Standards (ODWS) from Ontario Regulation 169/03 of the Safe Drinking Water Act (2002). Last amendment: O. Reg. 373/15.

Statistics Canada (2023) Leeds and the Thousand Islands Census Profile. 2021 Census of Population. Statistics Canada Catalogue no. 98-316-X2021001. Ottawa. Released February 8, 2023. https://www12.statcan.gc.ca/census-recensement/2021/dp-pd/prof/index.cfm?Lang=E (accessed March 15, 2023).

Appendix A
Figures

Legend

- approximate property boundary

Rev	Date	Description	By	Chkd
R0	2025-01-20	issued in final	TV	TR

Site Location Plan

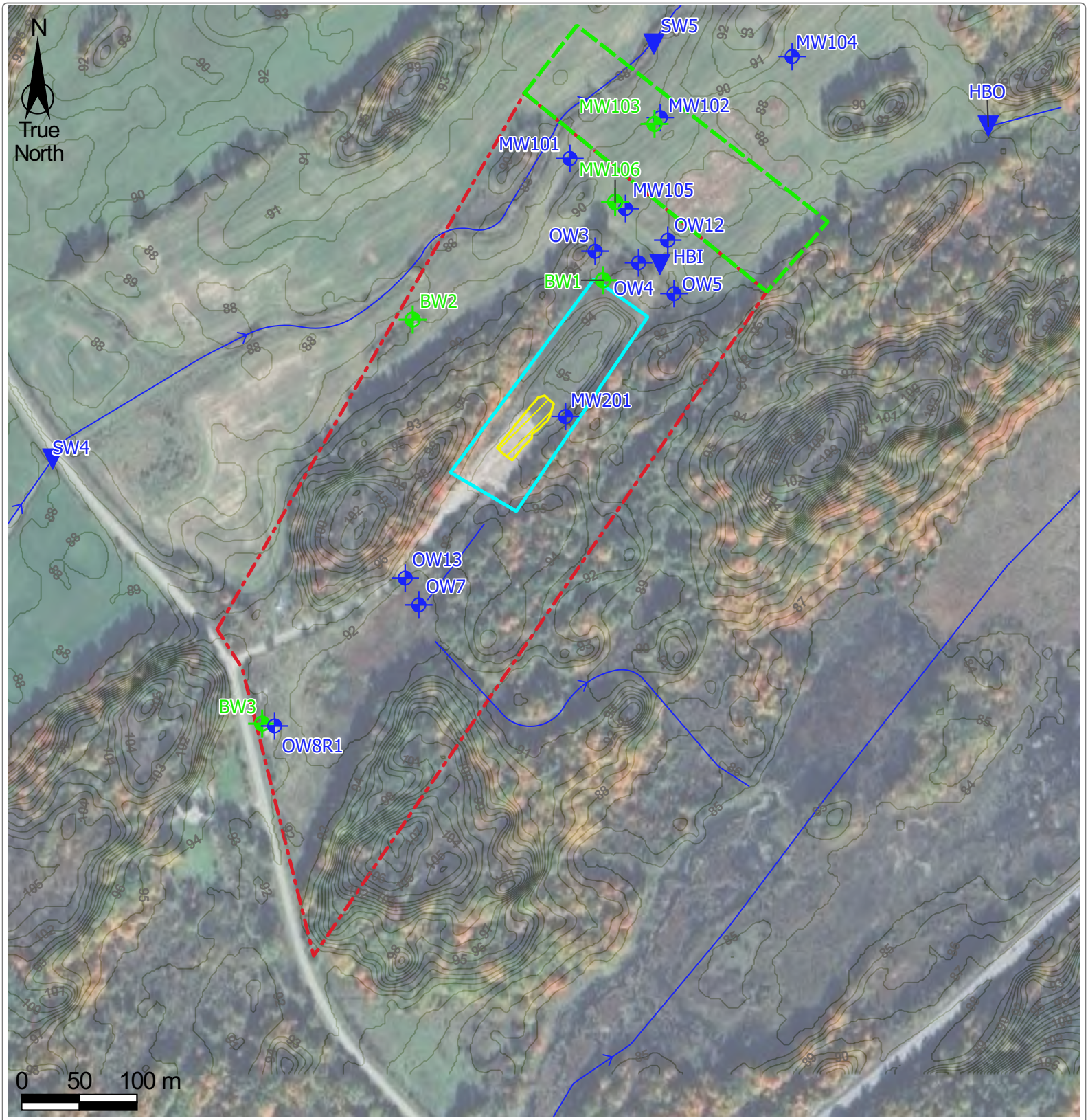
2024 Annual Monitoring Report
Escott WDS - A441703
Township of Leeds and the Thousand Islands

File: 1038-134.00

Figure 1

MALROZ

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



Legend

- approximate property boundary
- approximate 2024 active fill area
- proposed CAZ lands to be purchased
- approximate boundary of current and historical waste fill area
- approximate topography contours (MNRF, 2014)
- surface water feature with flow direction
- bedrock monitoring well locations
- overburden monitoring well locations
- surface water sampling stations

Note: Monitoring well OW14 was replaced by O-MW201 on June 14, 2024.
Data Sources: Figure based on Malroz field observations and Google Earth imagery; topographic contours based on Digital Raster Aquisition Project Eastern Ontario, MNRF, 2014; stream based on Ontario Hydro Network, MNRF, 2020.

Rev	Date	Description	By	Chkd
R0	2025-03-03	issued in final	TV	TR

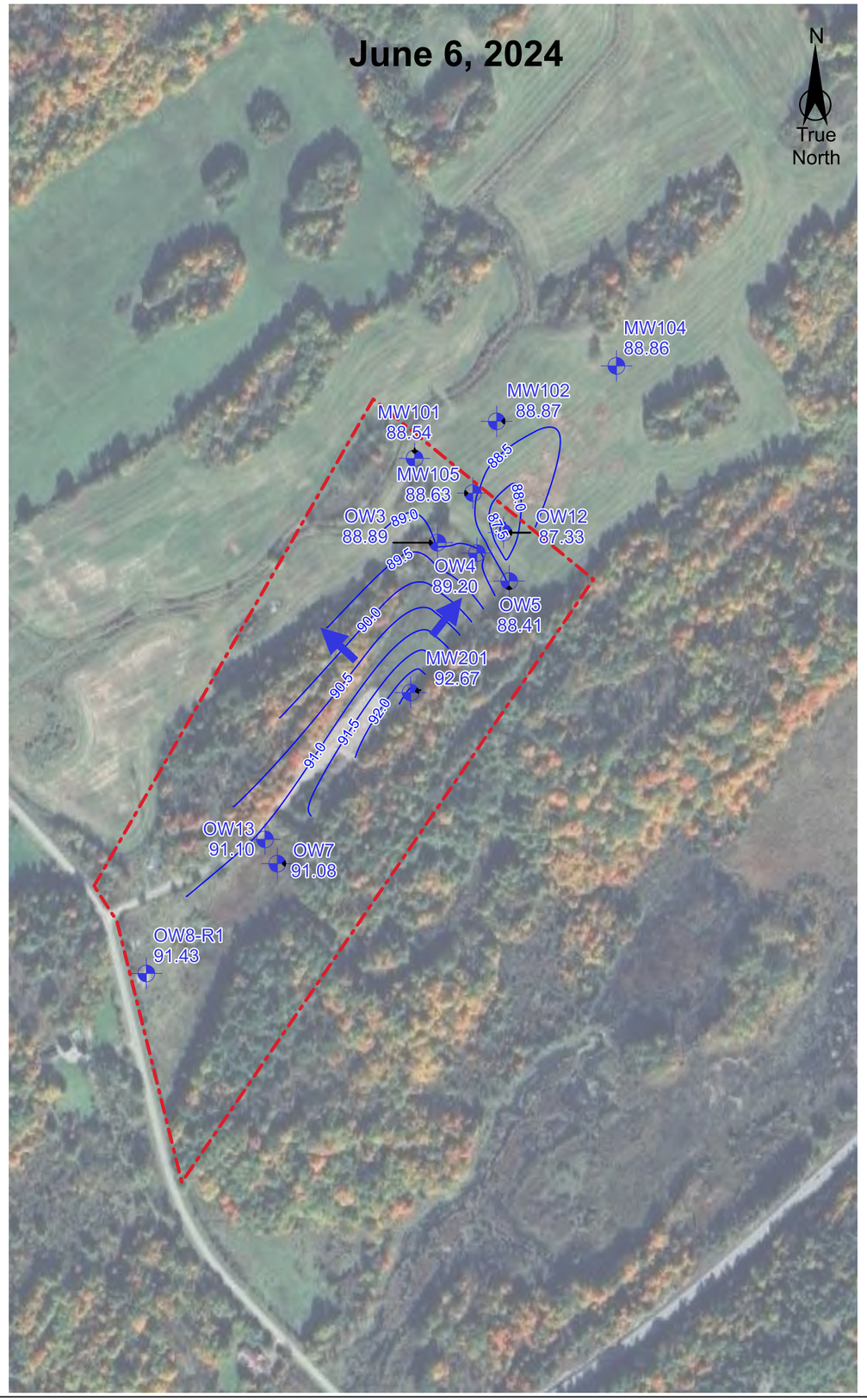
Site Plan

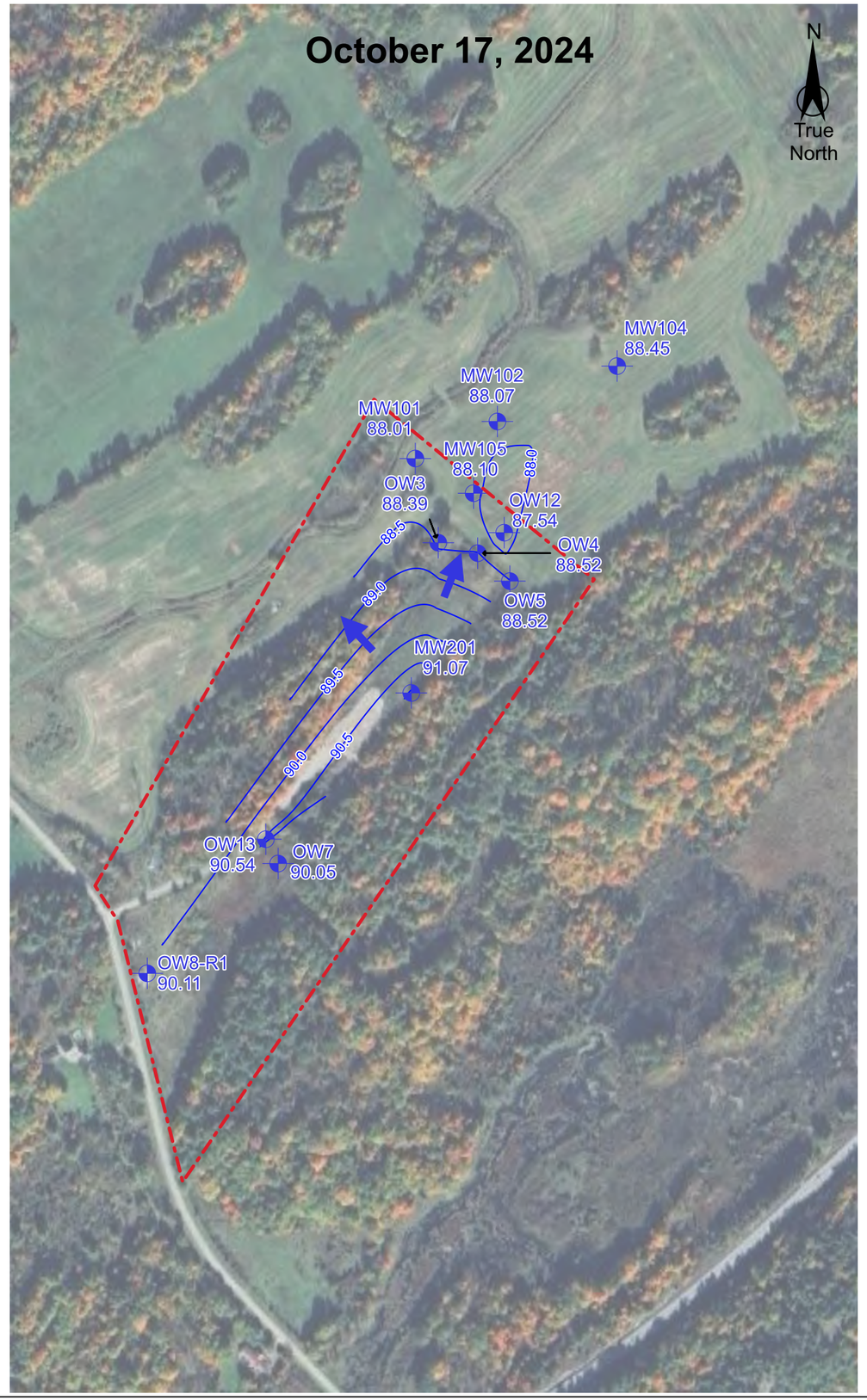
2024 Annual Monitoring Report
Escott WDS - A441703
Township of Leeds and the Thousand Islands

File: 1038-134.00

Figure 2

MALROZ





Legend

- approximate property boundary
- inferred groundwater contour and elevation (masl; 0.5 m intervals)
- monitoring well and groundwater elevation (masl)
- inferred direction of groundwater flow

0 75 150 m

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

Rev	Date	Description	By	Chkd
R0	2025-03-06	issued in final	TV	TR

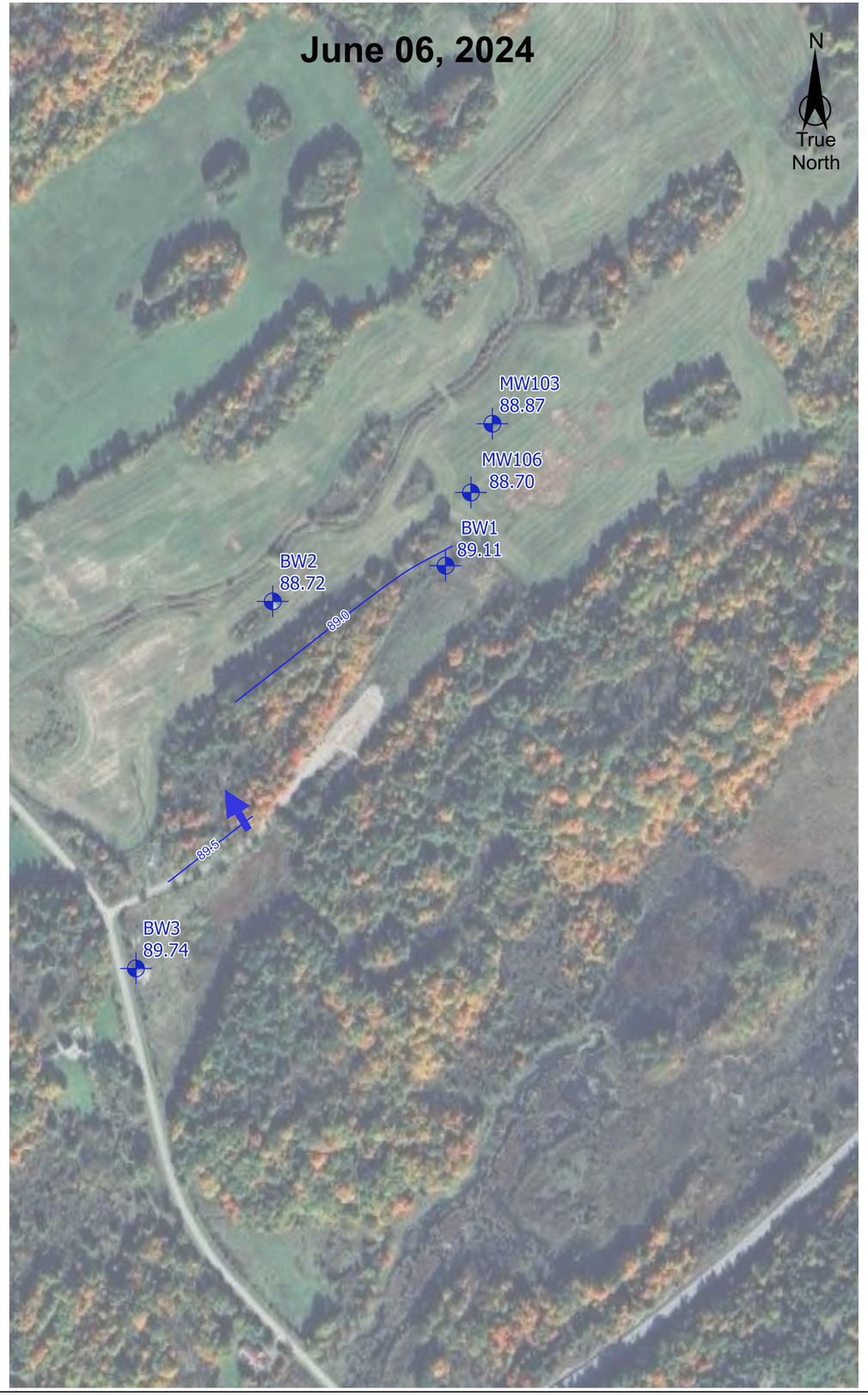
Inferred Shallow Groundwater Contours (Overburden)

2024 Annual Monitoring Report
Escott WDS - A441703
Township of Leeds and Thousand Islands

File: 1038.00-134

Figure 3

MALROZ



Legend

- approximate property boundary
- inferred groundwater contour and elevation (masl; 0.5 m intervals)
- monitoring well and groundwater elevation (masl)
- inferred direction of groundwater flow

0 75 150 m

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

R0	2025-03-06	issued in final	TV	RF
Rev	Date	Description	By	Chkd

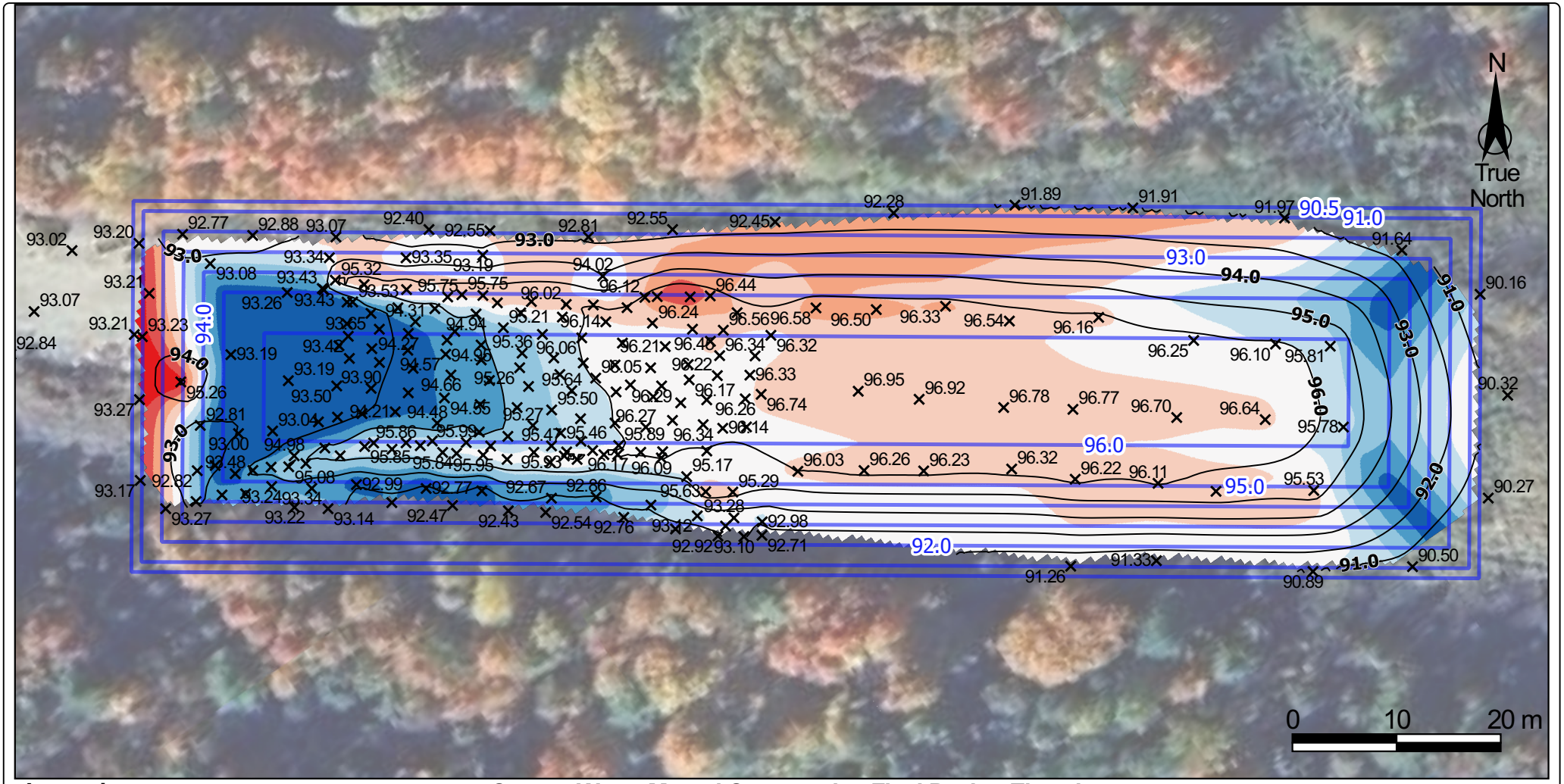
Inferred Bedrock Groundwater Contours

2024 Annual Monitoring Report
Escott WDS - A441703
Township of Leeds and Thousand Islands

File: 1038.00-134

Figure 4

MALROZ



Legend

- final design contours (masl)
- 2024 waste contours (masl)
- × survey point and elevation (masl)

Current Waste Mound Compared to Final Design Elevations

- <= -2.0000
- greater than 2.0 m above final contours
- 2.0 m to 1.5 m above final contours
- 1.5 m to 1.0 m above final contours
- 1.0 m to 0.5 m above final contours
- -0.5 m to -0.01 m above final contours
- 0.5 m to 0.0 m above final contours
- 0.0 m to 0.5 m below final contours
- 0.5 m to 1.0 m below final contours
- 1.0 m to 1.5 m below final contours

Data Sources: Figure based on Malroz field observations, Google Earth imagery, and survey conducted by Malroz on December 10, 2024.

Rev	Date	Description	By	Chkd
R0	2025-03-25	issued in final	ZL	RF

Remaining Landfill Capacity (2024)

2024 Annual Monitoring Report
Escott WDS - A441703
Township of Leeds and the Thousand Islands

File: 1038-134.00

Figure 5

MALROZ

Appendix B
Tables

Table 1
Well Inspection

Location	Coordinates (NAD 83, Zone 18T) Easting	Northing	Well Type Protective Casing	Well Construction Material	Well Integrity [2] Locked	Capped	Condition [3]	Well Observations [2]
BW1	424970	4917688	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Good	Waterra replaced in spring.
BW2	424820	4917659	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Good	-
BW3	424698	4917297	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Good	-
MW101	424927	4917786	Steel Monument	2" Schedule 40 PVC	Y	J-Plug	Fair	Steel monument has shifted.
MW102	425018	4917823	Steel Monument	2" Schedule 40 PVC	N	J-Plug	Good	J-plug replaced.
MW103	425017	4917821	Steel Monument	1.5" Schedule 40 PVC	Y	J-Plug	Good	Waterra replaced in spring.
MW104	425123	4917883	Steel Monument	2" Schedule 40 PVC	Y	J-Plug	Good	-
MW105	424995	4917751	Steel Monument	2" Schedule 40 PVC	Y	J-Plug	Good	-
MW106	424997	4917753	Steel Monument	1.5" Schedule 40 PVC	Y	J-Plug	Good	Waterra replaced in spring.
OW3	424966	4917706	none	2" Schedule 40 PVC	Y	J-Plug	Good	-
OW4	425001	4917697	none	2" Schedule 40 PVC	Y	J-Plug	Good	-
OW5	425032	4917672	none	1" Schedule 40 PVC	Y	J-Plug	Good	-
OW7	424825	4917402	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Good	-
OW8R1	424706	4917295	Steel Monument	2" Schedule 40 PVC	Y	J-Plug	Good	-
OW12	425026	4917718	Steel Monument	2" Schedule 40 PVC	Y	None	Fair	Cap needs to be replaced.
OW13	424813	4917425	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Fair	Waterra needs to be replaced.
MW201 [4]	424935	4917569	Steel Monument	2" Schedule 40 PVC	Y	Slip Cap	Good	-

Data Input: TR
Data Checked: SG

Notes: [1] Coordinates based on survey data obtained from Malroz Engineering from April 15, 2020 using a Trimble R10 GNSS, except for OW14 which was completed on June 21, 2024
[2] Well inspection completed on June 6, 2024 and October 17, 2024
[3] Well conditions ranked as: good (no maintenance required), fair (minor maintenance required), poor (requires maintenance or abandonment)
[4] OW14 was replaced by O-MW201 on June 14, 2024

Table 2
Surface Water Station Descriptions

Location	Coordinates (NAD 83, Zone 18T) [1] Northing (m)	Easting (m)	Flow Conditions 2024-06-06/07	2024-10-17	Notes
HBI	4917690	425010	dry	dry	Located along fenceline of adjacent agricultural field, north-east of the WDS. Upstream point of the agricultural drainage tile.
HBO	4917817	425311	lotic	lentic	Located north-east of the WDS. Downstream point of the agricultural drainage tile.
SW4	4917528	424494	lotic	lotic	Located upstream, to the west of the WDS, next to Escott Rockport Road. SW-4 is intended to represent background surface water quality for the northern drainage channel.
SW5	4917927	425045	lotic	dry	Located downstream, to the north of the WDS, along the northern creek.

Data Input: TR
Data Check: SG

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

Table 3
Groundwater Monitoring Results

Location	DTW (mbTOP)	DTB (mbTOP)	TOP Elevation (masl)	Grade Elevation (masl) [1]	Groundwater Elevation (masl)	Methane Concentration (%LEL) [2]	Purge Water Observations		
							Colour	Odour	Sediment
2024-06-06 to 07 Bedrock monitoring wells									
BW1	2.15	22.73	91.26	90.22	89.11	nr	clear	none	none
BW2	0.97	8.57	89.69	89.02	88.72	nr	clear	none	none
BW3	3.01	20.25	92.75	92.29	89.74	nr	clear	none	none
MW103	1.69	7.13	90.56	89.77	88.87	nr	cloudy	none	none
MW106	1.40	10.12	90.10	89.26	88.70	nr	clear	none	none
2024-06-06 to 07 Overburden monitoring wells									
OW3	2.00	4.10	90.89	89.78	88.89	nr	cloudy brown	none	abundant
OW4	1.77	2.87	90.97	89.77	89.20	nr		monitored only	
OW5	2.59	5.54	91.00	90.06	88.41	nr	cloudy grey	none	none
OW7	2.00	3.94	93.08	91.53	91.08	nr		monitored only	
OW8R1	1.28	3.72	92.71	91.88	91.43	nr	light cloudy grey	none	none
OW12	2.40	5.64	89.73	88.60	87.33	nr	cloudy	none	none
OW13	1.32	7.05	92.42	91.45	91.10	nr	cloudy	none	trace
MW101	1.42	6.02	89.96	88.59	88.54	nr	cloudy	none	none
MW102	2.00	5.16	90.87	89.72	88.87	nr	cloudy	none	abundant
MW104	1.63	6.73	90.49	89.54	88.86	nr	light brown		abundant
MW105	1.43	5.75	90.06	89.28	88.63	nr	cloudy grey	none	abundant
2024-06-28 Overburden monitoring wells									
MW201	2.73	7.25	94.09	93.12	91.36	nr	cloudy brown	none	abundant
2024-10-17 Bedrock monitoring wells									
BW1	2.75	22.73	91.26	90.22	88.51	nr	clear	heavy must	trace
BW2	1.48	8.57	89.69	89.02	88.21	nr	clear	none	none
BW3	3.78	20.20	92.75	92.29	88.97	nr	clear	none	none
MW103	2.35	7.77	90.56	89.77	88.21	nr	clear	none	none
MW106	1.70	10.14	90.10	89.26	88.40	nr	clear	slight organic must	trace organic
2024-10-17 Overburden monitoring wells									
OW3	2.50	4.10	90.89	89.78	88.39	nr	cloudy brown	none	abundant
OW4	2.45	3.53	90.97	89.77	88.52	nr		monitored only	
OW5	2.48	5.55	91.00	90.06	88.52	nr	cloudy grey	none	some
OW7	3.03	3.98	93.08	91.53	90.05	nr		monitored only	
OW8R1	2.60	3.63	92.71	91.88	90.11	nr	cloudy grey	none	some
OW12	2.19	5.57	89.73	88.60	87.54	nr	cloudy grey	none	abundant
OW13	1.88	7.12	92.42	91.45	90.54	nr	cloudy grey	none	abundant
MW101	1.95	5.67	89.96	88.59	88.01	nr	cloudy grey	none	abundant
MW102	2.80	5.26	90.87	89.72	88.07	nr	cloudy brown	organic must	abundant
MW104	2.32	6.62	90.49	89.54	88.45	nr	cloudy grey	none	abundant
MW105	1.98	5.72	90.06	89.28	88.08	nr	cloudy brown	organic must	abundant
MW201	3.02	7.11	94.09	93.12	91.07	nr	cloudy brown	organic must	abundant

Notes:

%LEL	denotes lower explosive limit
DTW	denotes depth to water
DTB	denotes depth to well bottom
masl	denotes meters above mean sea level
mbTOP	denotes denotes meters below top of piezometer
[1]	Survey completed on April 15, 2020 using Trimble R10 GNSS; MW201 was suveyed on June 21, 2024
[2]	Methane eliminination was not taken; thererfore, this value refers to full gas response.

Data Input: TR
Data Check: SG

Table 4
Overburden Groundwater Chemistry (2024)

					Location	OW8R1		OW13		OW3		OW5		OW12		MW201		MW105		MW101		MW102		MW104		QA/QC		
					Sample ID	24-W016	24-W035	24-W015	24-W034	24-W001	24-W024	24-W013	24-W031	24-W011	24-W030	24-W020	24-W021	24-W004	24-W026	24-W012	24-W032	24-W007	24-W027	24-W009	24-W029	24-W022	24-W019	24-W038
					Sample Date	2024-06-07	2024-10-17	2024-06-07	2024-10-17	2024-06-06	2024-10-17	2024-06-07	2024-10-17	2024-06-06	2024-10-17	2024-06-28	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-10-17	2024-06-07	2024-10-17
Parameters	**Units**	**R.L.**	**ODWS**		**RUL**	**Background**		**Upgradient**		**Compliance Downgradient**		**Downgradient**		**Compliance Downgradient**		**Waste Area**		**Compliance Replaced OW11R1 Downgradient**		**Downgradient**		**CAZ**		**Off Site**		**Duplicate of 24-W021**	**Field Blank**	**Field Blank**
Alkalinity	mg/L	5	30-500	OG	**423**	297	309	382	379	367	354	258	244	360	357	**1220**	**1200**	**427**	414	291	278	342	318	209	201	**1190**	<5	<5
Ammonia	mg/L	0.05				<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	25.4	17.4	1.13	1.09	0.08	0.13	9.41	0.33	0.14	0.11	17.1	<0.05	<0.05
BOD	µS/cm	3				<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	14	6	<3	6	<3	<3	<3
COD	pH units	5				10	21	71	62	166	159	57	25	34	31	199	146	222	168	10	142	1370	306	1250	653	160	<5	<5
DOC	mg/L	0.2	5.0	AO	**3.5**	2.1	3.1	2.2	3.2	2.9	**4.4**	1.9	2.0	1.5	2.6	**11.2**	**20.9**	**5.2**	**6.7**	3.0	**3.8**	**17.7**	**4.0**	**4.6**	2.5	**27.3**	<0.2	0.3
Conductivity	mg/L	1				565	586	712	723	845	836	473	483	682	689	2520	2560	872	929	692	637	747	743	457	460	2580	<1	<1
Hardness	mg/L	0.02	80-100	OG	**239**	**310**	**301**	**404**	**385**	**384**	**403**	**270**	**255**	**381**	**361**	**959**	**1030**	**461**	**469**	**334**	**317**	**374**	**366**	**245**	229	**1030**	0.09	0.04
pH	mg/L	-	6.5 - 8.5	OG		8.01	8.01	8.12	8.17	7.99	7.92	8.14	8.15	8.15	8.23	7.51	7.41	7.74	7.79	7.84	8.02	7.77	7.9	7.94	8.15	7.48	5.47	6.06
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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Phosphorus (total)	mg/L	0.01				0.07	0.12	2.41	2.11	7.20	10.8	0.23	0.20	0.72	0.51	7.38	2.95	9.8	6.75	0.02	7.08	44.5	25.1	63.3	50.8	2.87	0.01	0.01
Total Dissolved Solids	mg/L	3	500	AO	**447**	293	304	370	377	446	441	245	250	354	358	-	**1420**	**461**	**493**	327	331	390	388	236	238	**1430**	<3	<3
Total Suspended Solids	mg/L	3				72	195	2620	4040	38100	50500	282	270	1670	980	10100	2240	13800	12500	<3	25500	106000	35500	76600	120000	1620	<3	<3
N - Total Kjeldahl	mg/L	0.1				0.2	0.3	0.3	0.4	1.5	1.4	0.2	0.2	0.2	0.2	24.2	21.3	3.2	3.5	0.2	1.2	39.4	10.0	4.1	23.6	20.8	<0.1	<0.1
Chloride	mg/L	0.5	250	AO	**135**	<0.5	1.7	2.2	3.6	33.9	26.3	1.0	2.3	2.6	3.4	**158**	**139**	32.8	32.5	20.0	18.2	13.3	17.4	3.4	3.9	**142**	<0.5	<0.5
N - Nitrate	mg/L	0.05	10.0	CS	**5.15**	0.26	0.23	<0.05	<0.05	0.08	0.11	<0.05	<0.05	0.85	0.71	<0.05	<0.40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.40	<0.05	<0.05
N - Nitrite	mg/L	0.05	1.00	CS	**0.51**	<0.05	<0.05	<0.05	<0.05	<0.05	<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	<0.05	<0.05	<0.40	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**259**	3	3	13	12	50	47	10	9	14	10	23	20	32	28	25	23	22	44	31	29	20	<1	<1
Mercury	mg/L	0.00002	0.00100	CS	**0.00028**	<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	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Aluminum	mg/L	0.01	0.10	OG	**0.058**	0.04	0.03	**0.06**	0.02	0.05	0.03	0.03	0.02	0.04	0.02	**0.08**	**0.06**	**0.06**	0.04	**0.06**	0.03	**0.22**	0.03	0.04	0.02	**0.07**	<0.01	<0.01
Antimony	mg/L	0.0001				<0.0001	0.0001	0.0002	<0.0001	0.0001	0.0003	0.0003	0.0001	<0.0001	0.0002	0.0003	0.0001	0.0003	0.0001	<0.0001	0.000	0.000	<0.0001	0.001	<0.0001	0.0001	<0.0001	0.0001
Arsenic	mg/L	0.0001	0.0100	CS	**0.0027**	0.0001	0.0001	0.0015	0.0014	0.0004	0.0003	0.0004	0.0004	0.0005	0.0006	0.0011	**0.0055**	0.0011	0.0011	0.0003	0.0008	0.0015	0.0006	**0.0028**	0.0008	**0.0055**	<0.0001	<0.0001
Barium	mg/L	0.001	1.00	CS	**0.364**	0.052	0.053	0.266	0.250	0.090	0.100	0.080	0.082	0.138	0.148	**0.827**	**0.755**	0.247	0.217	0.061	0.066	0.274	0.211	0.291	0.189	**0.748**	<0.001	<0.001
Beryllium	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	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0001	<0.0001
Boron	mg/L	0.005	5.0	CS	**1.27**	0.006	0.009	0.032	0.031	0.011	0.018	0.010	0.012	0.057	0.068	**2.80**	**3.52**	0.384	0.338	0.155	0.149	0.114	0.206	0.071	0.069	**3.520**	<0.005	<0.005
Cadmium	mg/L	0.000015	0.0050	CS	**0.0013**	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	0.000048	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	<0.000015	0.0006	<0.000015	<0.000015	<0.000015	<0.000015
Calcium	mg/L	0.02				74.2	72.0	66.6	65.7	95.3	97.5	65.5	61.6	51.8	48.4	219	227	118	119	95.9	90.3	106	105	69.8	64.1	226	<0.02	<0.02
Chromium	mg/L	0.001	0.050	CS	**0.013**	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001
Cobalt	mg/L	0.0001				0.0001	<0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	<0.0001	<0.0001	0.0088	0.0085	0.0008	0.0007	0.0005	0.0004	0.0026	0.0009	0.002	<0.0001	0.0083	<0.0001	<0.0001
Copper	mg/L	0.0001	1.00	AO	**0.501**	0.0010	0.0009	0.0011	0.0005	0.0015	0.0013	0.0008	0.0020	0.0008	0.0006	0.0091	0.0017	0.0006	0.0024	0.0005	0.0008	0.0011	0.0005	0.0015	0.0009	0.0017	0.0011	<0.0001
Iron	mg/L	0.005	0.30	AO	**0.175**	0.007	<0.005	0.077	0.007	0.005	0.017	<0.005	0.008	0.006	0.015	0.033	**1.26**	**0.772**	**1.48**	**0.283**	0.152	**0.358**	0.030	<0.005	0.007	**1.27**	0.005	<0.005
Lead	mg/L	0.00002	0.0100	CS	**0.00254**	<0.00002	<0.00002	0.00008	0.00003	<0.00002	0.00002	<0.00002	0.00006	<0.00002	<0.00002	0.00012	0.00007	0.00008	0.00013	0.00006	0.00007	**0.003**	<0.00002	0.00088	<0.00002	0.00007	<0.00002	<0.00002
Magnesium	mg/L	0.02				30.4	29.4	57.7	53.7	35.4	38.8	25.9	24.7	61.2	58.3	100	113	40.5	41.5	23.0	22.2	26.6	25.0	17.2	16.8	113	<0.02	<0.02
Manganese	mg/L	0.001	0.050	AO	**0.0263**	<0.001	<0.001	0.009	0.014	0.001	0.002	0.004	0.010	<0.001	0.003	**1.21**	**1.40**	**0.394**	**0.383**	**0.177**	**0.102**	**0.544**	**0.268**	**0.043**	0.002	**1.38**	<0.001	<0.001
Molybdenum	mg/L	0.0001				0.0012	0.0012	0.0027	0.0033	0.0007	0.0008	0.0012	0.0013	0.0053	0.0055	0.003	0.0019	0.0014	0.0016	0.0008	0.0009	0.0009	0.0015	0.0028	0.001	0.0018	<0.0001	<0.0001
Nickel	mg/L	0.0002				0.0002	0.0006	0.0007	0.0009	0.0005	0.0005	0.0004	0.0007	0.0004	0.0005	0.0401	0.0389	0.0031	0.0026	0.0015	0.0019	0.0031	0.0022	0.0065	0.0004	0.0384	<0.0002	<0.0002
Potassium	mg/L	0.1				0.4	0.4	2.6	2.8	0.7	1.1	1.2	1.5	2.6	3.1	23.5	16.3	4.7	4.8	3.0	3.3	4.4	2.9	2.0	1.9	16.4	<0.1	<0.1
Selenium	mg/L	0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Silicon	mg/L	0.01				9.38	8.15	14.3	11.5	10.2	10.4	11.3	9.86	7.83	7.02	12.8	11.6	9.41	7.91	6.72	5.57	8.8	7.26	9.7500	9.65	11.6	0.03	0.01
Sodium	mg/L	0.2	200	AO[1]	**106**	13.7	15.6	18.5	18	7.8	9.4	5.6	5.7	20.2	20.4	**204**	**198**	24	23.2	10.1	10	12.80000	15.7	6.2	6.3	**197**	<0.2	<0.2
Strontium	mg/L	0.001				0.231	0.235	0.721	0.652	0.295	0.315	0.149	0.144	1.07	1.06	1.25	1.12	1.62	1.70	1.55	1.50	1.46	1.90	0.661	0.618	1.12	<0.001	<0.001
Thallium	mg/L	0.00005				<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00006	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00079	<0.00005	<0.00005	<0.00005	<0.00005
Tin	mg/L	0.05				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	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	<0.005	<0.005	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	0.00005	0.02	CS	**0.00831**	0.00108	0.00119	0.00088	0.00120	0.00163	0.00151	0.00051	0.00042	0.00387	0.00418	**0.00841**	**0.00870**	**0.01020**	**0.00999**	**0.01440**	**0.0146**	**0.01410**	**0.02140**	0.00135	0.00010	**0.00850**	<0.00005	<0.00005
Vanadium	mg/L	0.0001				0.0009	0.0010	0.0006	0.0005	0.0015	0.0017	0.0026	0.0014	0.0018	0.0021	0.0026	0.0010	0.0006	0.0002	0.0002	0.0003	0.0025	0.0008	0.0039	0.0004	0.001	<0.0001	<0.0001
Zinc	mg/L	0.005	5.0	AO	**2.50**	<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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
pH (field)	pH units	-	6.5 - 8.5	OG		8.18	7.27	8.21	7.50	6.90	7.79	6.94	7.51	7.23	7.64	6.70	7.18	6.92	7.65	7.55	7.86	7.50	7.24	8.04	7.75	7.18	-	-
Temperature (field)	°C	-	15.0	AO		17.57	12.90	17.99	12.58	11.42	12.48	11.42	13.16	12.50	14.50	10.01	10.76	11.83	11.79	12.67	14.12	15.63	14.17	13.85	13.70	10.76	-	-
Ammonia, Unionized (field) [2]	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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-

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: TV
Data Check: SG

Table 5
Bedrock Groundwater Chemistry (2024)

						Location	BW3		BW2		BW1		MW106		MW103		QA/QC		
						Sample ID	24-W017	24-W036	24-W014	24-W033	24-W002	24-W023	24-W005	24-W025	24-W006	24-W028	24-W003	24-W019	24-W038
						Sample Date	2024-06-07	2024-10-17	2024-06-07	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-06-07	2024-10-17
Parameters	**Units**	**R.L.**	**ODWS**		**RULs (2024)**		**Background**		**Compliance Northwest of Waste Area**		**Adjacent to Waste Area**		**Compliance Replaced BW 4 North of Waste Area**		**CAZ**		**Duplicate of 24-W002**	**Field Blank**	**Field Blank**
Alkalinity	mg/L	5	30-500	OG	**423**		337	327	166	163	**926**	**977**	416	**452**	354	**447**	**927**	<5	<5
Ammonia	mg/L	0.05					<0.05	<0.05	0.05	<0.05	2.91	3.13	1.44	1.32	0.07	0.10	2.91	<0.05	<0.05
BOD	mg/L	3					<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
COD	mg/L	5					<5	6	<5	9	29	36	16	30	13	16	32	<5	<5
DOC	mg/L	0.2	5.0	AO	**3.5**		2.0	3.0	2.0	2.5	**8.2**	**16.0**	**5.1**	**7.7**	**5.0**	**6.5**	**8.4**	<0.2	0.3
Conductivity	µS/cm	1					700	695	341	365	1870	2020	922	1020	807	975	1890	<1	<1
Hardness	mg/L	0.02	80-100	OG	**239**		**392**	**363**	164	176	**1010**	**1050**	**486**	**516**	**442**	**498**	**1020**	0.09	0.04
pH	pH units	-	6.5 - 8.5	OG			8.12	8.13	7.87	8.16	7.43	7.50	7.78	7.74	7.86	7.83	7.52	5.47	6.06
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
Phosphorus (total)	mg/L	0.01					0.02	0.02	0.02	0.11	0.04	0.03	0.05	0.09	0.03	0.54	0.03	0.01	0.01
Total Dissolved Solids	mg/L	3	500	AO	**447**		364	361	175	188	**1030**	**1110**	**489**	**542**	424	**519**	**1040**	<3	<3
Total Suspended Solids	mg/L	3					<3	<3	<3	5	11	10	24	106	27	33	8	<3	<3
N - Total Kjeldahl	mg/L	0.1					0.1	0.1	0.2	0.2	3.0	3.1	1.6	1.5	0.2	0.1	3.0	<0.1	<0.1
Chloride	mg/L	0.5	250	AO	**135**		21.9	18.9	4.6	5.4	70.5	67.2	34.6	37.3	27.4	33.9	70.4	<0.5	<0.5
N - Nitrate	mg/L	0.05	10.0	CS	**5.15**		0.45	0.41	<0.05	<0.05	<0.05	<0.40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N - Nitrite	mg/L	0.05	1.00	CS	**0.51**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1	500	AO	**259**		17	14	15	13	80	69	33	30	46	38	80	<1	<1
Mercury	mg/L	0.00002	0.00100	CS	**0.00028**		<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
Aluminum	mg/L	0.01	0.10	OG	**0.058**		0.05	0.02	0.04	0.02	**0.11**	**0.07**	**0.08**	0.04	**0.07**	0.04	**0.09**	<0.01	<0.01
Antimony	mg/L	0.0001					<0.0001	0.0001	<0.0001	<0.0001	<0.0001	0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001
Arsenic	mg/L	0.0001	0.0100	CS	**0.0027**		<0.0001	<0.0001	0.0002	0.0004	0.0015	0.0014	0.0008	0.0007	0.0004	0.0006	0.0015	<0.0001	<0.0001
Barium	mg/L	0.001	1.00	CS	**0.364**		0.166	0.155	0.052	0.055	0.330	0.346	0.186	0.194	0.160	0.188	0.339	<0.001	<0.001
Beryllium	mg/L	0.0001					<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	0.0002	<0.0001	<0.0001	<0.0001
Boron	mg/L	0.005	5.0	CS	**1.27**		0.021	0.019	0.114	0.105	0.681	0.694	0.422	0.392	0.280	0.347	0.681	<0.005	<0.005
Cadmium	mg/L	0.000015	0.0050	CS	**0.0013**		<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
Calcium	mg/L	0.02					91.8	83.0	48.0	51.1	240	244	124	130	130	138	245	<0.02	<0.02
Chromium	mg/L	0.001	0.050	CS	**0.013**		<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
Cobalt	mg/L	0.0001					0.0001	0.0001	<0.0001	<0.0001	0.0114	0.0101	0.0013	0.0012	0.0005	0.0006	0.0112	<0.0001	<0.0001
Copper	mg/L	0.0001	1.00	AO	**0.501**		0.0044	0.0013	0.0004	0.0005	0.0013	0.0011	0.0011	0.0008	0.0002	0.0016	0.0008	0.0011	<0.0001
Iron	mg/L	0.005	0.30	AO	**0.175**		<0.005	<0.005	0.043	0.033	**2.69**	**3.35**	**0.621**	**0.669**	**0.566**	**1.02**	**3.10**	0.005	<0.005
Lead	mg/L	0.00002	0.0100	CS	**0.00254**		0.00024	<0.00002	<0.00002	<0.00002	0.00004	<0.00004	0.00023	0.00023	<0.00002	0.00006	0.00004	<0.00002	<0.00002
Magnesium	mg/L	0.02					39.6	37.7	10.7	11.6	100	107	42.8	46.4	28.4	37.4	99.1	<0.02	<0.02
Manganese	mg/L	0.001	0.050	AO	**0.0263**		<0.001	<0.001	**0.027**	0.023	**3.11**	**3.12**	**0.532**	**0.538**	**0.340**	**0.370**	**3.18**	<0.001	<0.001
Molybdenum	mg/L	0.0001					0.0014	0.0015	0.0016	0.0014	0.0020	0.0019	0.0013	0.0012	0.0011	0.0009	0.0020	<0.0001	<0.0001
Nickel	mg/L	0.0002					0.0003	0.0006	<0.0002	0.0004	0.0092	0.0096	0.0030	0.0032	0.0018	0.0026	0.0090	<0.0002	<0.0002
Potassium	mg/L	0.1					2.2	2.3	2.1	2.6	5.2	5.6	4.6	4.8	3.0	4.0	5.2	<0.1	<0.1
Selenium	mg/L	0.001					<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001
Silicon	mg/L	0.01					10.0	8.18	6.39	5.69	13.8	11.7	9.39	7.72	9.00	8.42	13.7	0.03	0.01
Sodium	mg/L	0.2	200	AO[1]	**106**		14.7	13.9	10.5	9.4	72.8	76.6	25.0	25.3	15.6	20.2	72.3	<0.2	<0.2
Strontium	mg/L	0.001					0.376	0.354	1.03	1.14	1.18	1.24	1.52	1.71	3.06	3.77	1.18	<0.001	<0.001
Thallium	mg/L	0.00005					<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00006	0.00006	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Tin	mg/L	0.05					<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	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
Tungsten	mg/L	0.01					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	mg/L	0.00005	0.02	CS	**0.00831**		0.00443	0.00450	0.00538	0.00584	**0.01200**	**0.01230**	**0.00926**	**0.01150**	**0.02160**	**0.02170**	**0.01130**	<0.00005	<0.00005
Vanadium	mg/L	0.0001					0.0003	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002	0.0003	<0.0001	<0.0001
Zinc	mg/L	0.005	5.0	AO	**2.50**		<0.005	<0.005	<0.005	<0.005	0.005	<0.005	0.011	0.008	<0.005	0.006	0.006	<0.005	<0.005
pH (field)	pH units	-	6.5 - 8.5	OG			8.24	7.79	7.41	8.23	6.83	7.18	6.50	6.94	7.27	7.68	6.83	-	-
Temperature (field)	°C	-	15.0	AO			17.75	10.97	10.62	13.81	13.32	9.88	12.22	11.70	12.32	11.96	13.32	-	-
Ammonia, Unionized (field) [2]	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	-	-

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
[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
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: TV
Data check: SG

Table 6
Groundwater VOC Chemistry (2024)

			Location		BW1		MW201		QA/QC	
			Sample ID		24-W002	24-W023	24-W020	24-W021	24-W003	24-W022
			Sample Date		2024-06-06	2024-10-17	2024-06-28	2024-10-17	2024-06-06	2024-10-17
Parameters	**Units**	**R.L.**	**ODWS**		**Adjacent to Waste Area**		**Waste Area**			
Acetone	µg/L	30			<30	<30	<30	<30	<30	<30
Benzene	µg/L	0.5	1	CS	<0.5	<0.5	<0.5	1.2	<0.5	1.1
Bromodichloromethane	µg/L	2			<2	<2	<2	<2	<2	<2
Bromoform	µg/L	5			<5	<5	<5	<5	<5	<5
Bromomethane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	µg/L	0.2	2	CS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	µg/L	0.5	80	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	µg/L	3			<3	<3	5	7	<3	7
Chloroform	µg/L	1			<1	<1	<1	<1	<1	<1
Chloromethane	µg/L	2			<2	<2	<2	<2	<2	<2
Dibromochloromethane	µg/L	2			<2	<2	<2	<2	<2	<2
Dichlorodifluoromethane	µg/L	2			<2	<2	<2	<2	<2	<2
1,2-Dichlorobenzene	µg/L	0.5	200	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	µg/L	0.5	5	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	µg/L	0.5			<0.5	<0.5	1.8	1.7	<0.5	1.7
1,2-Dichloroethane	µg/L	0.5	5	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethylene	µg/L	0.5	14	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethylene, cis	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethylene, cis+trans	µg/L	0.7			<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
1,2-Dichloroethylene, trans	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropene, cis	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropene, cis+trans	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropene, trans	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	µg/L	0.5	140	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylene Dibromide	µg/L	0.2			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Hexane	µg/L	5			<5	<5	<5	<5	<5	<5
Methyl Ethyl Ketone	µg/L	2			<2	<2	<2	<2	<2	<2
Methyl Butyl Ketone	µg/L	5			<5	<5	<5	<5	<5	<5
Methyl Isobutyl Ketone	µg/L	20			<20	<20	<20	<20	<20	<20
Methyl-t-butyl Ether	µg/L	2			<2	<2	<2	<2	<2	<2
Styrene	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-Tetrachloroethane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene	µg/L	0.5	10	CS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	0.5	60	CS	1.2	<0.5	<0.5	<0.5	1.1	<0.5
1,1,1-Trichloroethane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	µg/L	5			<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	µg/L	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinyl chloride	µg/L	0.2	1	CS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
m+p-Xylenes	µg/L	1			<1	<1	<1	<1	<1	<1
o-Xylene	µg/L	0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Xylenes (Total)	µg/L	1.1	90	CS	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1

Notes: R.L. denotes reporting limit
<# denotes results below reporting limit
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 7
Surface Water Chemistry

					Location	SW4		SW5		HBI		HBO	
					Sample ID	24-W018	24-W037	24-W008	Dry	Dry	Dry	24-W010	Dry
					Sample Date	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17	2024-06-06	2024-10-17
Parameters	**Units**	**R.L.**	**PWQO (mg/L)**	**Table A: Aquatic Protection Value (mg/L)**	**Table B: Canadian Water Quality Guideline (mg/L)**	**Background North Watercourse**		**North Watercourse**		**Hickenbottom Inlet**		**Hickenbottom Outlet**	
Alkalinity	mg/L	5	[2]			155	282	235				298	
Ammonia	mg/L	0.05				0.14	0.13	0.19				0.09	
Ammonia, unionized (lab)	mg/L	0.01	0.020	**0.100**		<0.01	<0.01	<0.01				<0.01	
BOD	mg/L	3				<3	<3	3				<3	
COD	mg/L	5				51	92	93				63	
DOC	mg/L	0.2				11.6	16.2	14.6				5.3	
Conductivity	µS/cm	1				333	583	480				672	
Hardness	mg/L	0.02				164	338	253				316	
pH	pH Units	-	6.5-8.5	**6.0-9.0**		7.54	7.93	7.82				7.89	
Phenols	mg/L	0.001	0.001	**0.04** [3]	0.004 [3]	<0.001	<0.001	0.003				<0.001	
Phosphorus (total)	mg/L	0.01	0.02			0.16	0.20	0.50				0.36	
o-Phosphate	mg/L	0.002				0.074	0.178	0.092				0.036	
TDS	mg/L	3				171	302	248				349	
TSS	mg/L	3				11	80	46				104	
N - Total Kjeldahl	mg/L	0.1				1.2	1.2	2.1				1.1	
Chloride	mg/L	0.5		**180**	128	8.1	10.1	11.0				18.8	
N - Nitrate	mg/L	0.05			2.9	0.25	0.31	0.11				1.55	
N - Nitrite	mg/L	0.05			0.06	<0.05	<0.05	<0.05				<0.05	
Sulphate	mg/L	1		**100**		11	15	5				37	
Mercury	mg/L	0.00002	0.0002			<0.00002	<0.00002	<0.00002				<0.00002	
Aluminum	mg/L	0.01	0.075 [4]			0.06	0.06	0.03				0.06	
Arsenic	mg/L	0.0001	0.001	**0.15**		0.0005	0.0009	0.0012				0.0006	
Barium	mg/L	0.001		**2.300**		0.057	0.162	0.084				0.144	
Boron	mg/L	0.005	0.200	**3.550**	1.50	0.022	0.029	0.028				0.136	
Cadmium	mg/L	0.000015	0.0005 [5]	**0.00021**	0.000017	0.000043	0.000058	0.000058				0.000075	
Calcium	mg/L	0.02				42.2	85.5	60.8				73.3	
Chromium	mg/L	0.001	0.0099 [6]	**0.064**		0.001	0.008	0.002				0.006	
Cobalt	mg/L	0.0001	0.0009			0.0005	0.0031	0.0023				0.0025	
Copper	mg/L	0.0001	0.005 [7]	**0.0069**		0.0048	**0.0072**	0.0038				0.0053	
Iron	mg/L	0.005	0.3	**1.000**		0.814	**8.74**	**3.16**				**5.23**	
Lead	mg/L	0.00002	0.025 [8]	**0.002**		0.00036	0.00166	0.00051				0.00196	
Magnesium	mg/L	0.02				14.3	30.3	24.5				32.4	
Manganese	mg/L	0.001				0.027	0.234	1.89				0.242	
Nickel	mg/L	0.0002	0.025			0.0021	0.0084	0.0035				0.0055	
Potassium	mg/L	0.1				3.4	3.7	3.0				2.7	
Silicon	mg/L	0.01				6.23	13.2	9.76				13.0	
Silver	mg/L	0.0001	0.0001			<0.0001	<0.0001	<0.0001				<0.0001	
Sodium	mg/L	0.2				7.2	11.7	9.5				13.8	
Uranium	mg/L	0.00005	0.005			0.00314	0.00431	0.00262				0.0107	
Zinc	mg/L	0.005	0.02	**0.089**	0.030	0.010	0.025	0.015				0.025	
pH (field)	pH units	-	6.5-8.5	**6.0-9.0**		8.20	7.26	6.86				6.80	
Temperature (field)	°C	-				19.20	13.49	20.35				16.09	
Dissolved Oxygen (field)	mg/L	-	[9]			14.50	4.84	3.61				5.60	
Conductivity (field)	µmho/cm	-				0.334	0.601	0.498				0.656	
Ammonia, Unionized (field) [1]	mg/L	0.001	0.02	**0.100**		0.008	<0.001	<0.001				<0.001	

dry conditions

Data Input: TV
Data Check: SG

Notes:

R.L. denotes reporting limit
- denotes not analyzed / not applicable
<# denotes results below reporting limit
[1] Un-ionized 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 2003 Ontario Drinking Water Quality Standards (as updated in 2020) OG = Operational Guideline AO = Aesthetic Objective, CS = Chemical Standard

Bold denotes concentration exceeds Table A: Assessment Criteria for Waste Disposal Sites (Source Aquatic Protection Values), 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 Guideline), from the Monitoring and Reporting for Waste Disposal Sites Groundwater and Surface Water Technical Guidance Document (2010)

Table 8
Monitoring Well Development Summary (2024)

Well ID		Total Well Volume Purged (L)	Total Well Volume Purged Well Volumes	pH	ORP (mV)	Water Quality Parameters Specific Conductivity (mS/cm)		Dissolved Oxygen (mg/L)	Temp (°C)	Turbidity (NTU)	Development Status
2024-06-21											
MW201	**initial**	10.0	1.1	7.19	111	2.39		9.28	16.88	>1000	
	final	69.5	7.7	6.49	74	2.46	√	10.33	11.63	>1000	I

Notes:

√	criterion met
I	piezometer development incomplete (neither field parameters stabilized nor silt free)
P	piezometer development partially complete (either field parameters stabilized or silt free)
NTU	nephelometric turbidity units

Data Input: SB
Data Check: SG

Appendix C
Amended ECA No. A441703

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A441703
Issue Date: February 13, 2021

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

Site Location: Ward 3 (Escott) LFS
227 Escott-Rockport Road, Lots 9&10, BF Concession
Leeds and the Thousand Islands Township, United Counties of Leeds and Grenville
K0E 1R0

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:

the use and operation of 1.0 hectare waste disposal/transfer site within a total site area of 15.1 hectares.

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

"Approval" means this Environmental Compliance Approval and any Schedules to it;

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

"Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;

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

“O. Reg. 101/94” means Ontario Regulation 101: (Recycling and Composting of Municipal Waste), made under the EPA, as amended;

“O. Reg. 232/98” means Ontario Regulation 232/98: (Landfilling Sites), made under the EPA, as amended;

"O. Reg. 463/10" means Ontario Regulation 463/10 (Ozone Depleting Substances and Other Halocarbons), made under the EPA, as amended;

“Ontario Drinking Water Quality Standards” means Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards), made under the SDWA, 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;

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

“Reg. 347” means R.R.O. 1990, Reg. 347: (General - Waste Management), made under the EPA, as amended;

“Reg. 903” means R.R.O. 1990, Reg. 903: (Wells), made under the OWRA, as amended;

“SDWA” means the *Safe Drinking Water Act, 2002* , S.O. 2002, c. 32, as amended;

"Schedules" means the following schedules attached to this Approval and forming part of this Approval namely:

- Schedule 1 - Supporting Documentation;
- Schedule 2 - Surface Water Monitoring Program; and
- Schedule 3 - Groundwater Monitoring Program;

“Site” means the entire waste disposal site, including the buffer lands, and contaminant attenuation zone at Ward 3 (Escott) LFS, 227 Escott-Rockport Road, Lots 9&10, BF Concession, 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:

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

"White Goods" means household appliances which use, or may use refrigerants, and which include, but is not limited to, refrigerators, freezers and air-conditioning systems.

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 1.

Interpretation

4. Where there is a conflict between a provision of any document listed in Schedule 1 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 1, 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 1, 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 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 will acquire an interest in the property as a result of the dealing.

15. a. Within sixty (60) calendar days from the date of issuance of this Approval, the Owner shall submit to the Director a completed Certificate of Requirement 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 or 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.

Inspections by the Ministry

16. 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

17. a. Except as authorized in writing by the Director, all records required by this Approval shall be retained at the Site at the Site, or within the Owner's offices where otherwise practical, for a minimum of two (2) years from their date of creation.

b. The Owner shall retain all documentation listed in Schedule 1 for as long as this Approval is valid.

c. All monthly summary reports of waste records collected are to be kept at the Site at the Site, or within the Owner's offices where otherwise practical 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.

18. 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.

19. 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 1, are retained at the Site at all times.

20. 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, Reg. 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. The Owner shall install and maintain a sign at the entrance to the Site. The sign shall be visible and readable from the main road leading to the Site. The following information shall be included on the sign:

    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 working face/waste bins and recycling bins/areas.

4. The Owner shall provide signs at recycling depot informing users what materials are acceptable and directing users to appropriate storage areas.

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

5. 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

6. a. Burning of waste at the Site is prohibited.

    b. Notwithstanding condition 2.6.a. above, burning of segregated, clean wood and brush at the landfill may be carried out in strict compliance with the Ministry of

the Environment Document titled "Guideline C-7, Burning at Landfill Sites" dated April 1994.

Site Access

7. Waste shall only be accepted during the following time periods:
Tuesdays:8:30 a.m. - 4:45 p.m.
Saturdays:8:30 a.m. - 4:45 p.m.

8. 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.

9. 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

10. 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 landfilling operations.

11. 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.

12. Temporary berms and ditches shall be constructed around the active waste disposal area, as necessary, to prevent extraneous surface water from contacting the active working face.

Visual Screening

13. The Owner shall maintain adequate screening of the waste disposal activities undertaken at the Site from the traffic on Escott Road and the surrounding properties.

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 Reg. 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

Inspections

1. The Owner shall ensure that Site inspections are undertaken by Trained Personnel.

2. The areas to be inspected shall include, but not be limited to the following:
   a. condition of the active disposal areas, the recyclable bins, the tire pile, the white goods pile and the scrap metal pile;
   b. condition of the surface water drainage works;
   c. presence of any ponded water at the Site;
   d. condition of the on-site roads for evidence of excessive erosion and fugitive dust emissions;
   e. presence of litter at the Site's perimeter and litter fences;
   f. condition of the intermediate cover and of the final cover;
   g. presence of birds, vector, vermin and animals;
   h. condition of the on-site facilities, the fence, the gate and its lock and the signs required by this Certificate;
   i. condition of the groundwater monitoring wells required for the groundwater monitoring program approved by this Certificate;
   j. amount of the cover material to ensure that sufficient daily cover is available at all times that the Site is in operation; and
   k. presence of leachate springs.

Daily Log Book

3. A log shall be maintained in written or electronic format and shall include the following information:
   a. the type, date and time of arrival, hauler, and quantity (tonnes, number of bags, and/or number of loads and corresponding volumes) of all waste and cover material received at the Site;
   b. the area of the Site in which waste disposal operations are taking place;
   c. a record of litter collection activities and the application of any dust suppressants;
   d. a record of inspections; and
   e. 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.

4. Any information requested, by the Director 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.

Daily Inspections and Log Book

5. An inspection of the entire Site and all equipment on the Site shall be conducted each day

the Site is in operation to ensure that: the Site is secure; that the operation of the Site is not causing any nuisances; that the operation of the Site is not causing any adverse effects on the environment and that the Site is being operated in compliance with this Approval. Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the Site if needed**.**

6. A record of the inspections shall be kept in a log book that includes:
   a. the name and signature of person that conducted the inspection;
   b. the date and time of the inspection;
   c. the list of any deficiencies discovered;
   d. the recommendations for remedial action; and
   e. the date, time and description of actions taken.

7. A record shall be kept in the log book of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known.

Annual Report

8. The Owner shall prepare and submit an Annual Report to the District Manager by March 30 of the year following the calendar year covered by the report which shall include at a minimum, the following:

   a. calculations of the volume of waste landfilled, the daily and interim covers, the final cover and the overall volume of the Site capacity used during the reporting period;
   b. a comparison of the actual capacity used to the estimates of the capacity estimated;
   c. an estimate of the remaining Site life;
   d. updated drawing to show the proposed final contours of the finished waste mound;
   e. amount of the recyclable materials, metals, white goods and tires transferred off-site for further processing;
   f. any changes in operations, equipment, or procedures used at the Site, any operating problems encountered and corrective actions taken;
   g. details on the monitoring program undertaken, outlining monitor locations, analytical parameters sampled, and frequency of sampling;
   h. all current and historical groundwater and surface water data in a tabular format;
   i. an analysis and interpretation of the surface water and groundwater monitoring data, a review of the adequacy of the monitoring program, conclusions of the monitoring data, and recommendations for any changes that may be necessary;
   j. summary of inspections undertaken at the Site;
   k. summary of any public complaints received and the responses made;
   l. a discussion of cover stockpile activities including use, timing, locations and erosion protection;
   m. status update on the final cover placement, and seeding activities undertaken in

the closed sections of the landfill;

n. updated drawing to show the proposed final contours of the finished waste mound;

o. a statement as to compliance with all conditions of this Certificate and the other relevant Ministry's groundwater and surface water requirements;

p. recommendations respecting any proposed changes in the operation of the Site; and

q. any other information that the Regional Director or the District Manager may require.

7. LANDFILL DESIGN AND DEVELOPMENT

Approved Waste Types

1. Only municipal waste as defined under Reg. 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.

Capacity

4. The total waste disposal volume of the Site, including the waste, daily cover and intermediate cover, but excluding final cover, is 40,000 cubic metres. This capacity includes the existing and proposed waste to be landfilled.

Waste Placement

5. No waste shall be placed lower than 0.5 metre below the existing ground or within one (1) metre of highest groundwater level.

6. Disposal of waste shall only occur within the areas as delineated on Drawing No. OP-1, entitled "Operations/Development Plan" dated December 16, 2003.

Service Area

7. a. The approved service area for the Site for receiving waste for disposal at the Site is only **Ward 3, Front of Escott,** of the Township of Leeds and the Thousand

Islands.

b. Not withstanding condition 7. a. the Owner may collect and transfer waste (recyclables and waste for disposal at an approved facility) from the municipal boundaries of the Township of Leeds and the Thousand Islands.

Cover

8. Daily and interim cover material shall consist of a permeable material and it shall be applied in accordance with Item 4 of Schedule 1. Crushed glass may be mixed with the soil to be used for daily and interim covers.

9. Cover material shall be applied as follows:
   a. **Periodic Cover** - Weather permitting, deposited waste shall be covered **every two weeks** from mid May to Mid September and once a month during the rest of the year, the entire working face shall be covered with a minimum thickness of 150 mm of daily cover 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 low permeability (less than 1X10-7 m/s) and 150 millimetres of top soil (vegetative cover) shall be placed.

   d. The frequency of application and the cover thickness in subsections a and b above are minimum requirements, and may have to be increased if environmental adverse effects have been found to occur.

10. Installation of the Bell Mobility Tower at the location shown in the Drawing Number SP2 titled "Site Plan", dated March 16, 2010 and prepared by The Greer Galloway Group Inc. is hereby approved.

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.

Compliance

2. The Site shall be operated in such a way as to ensure compliance with the following:

    a. Reasonable Use Guideline B-7 for the protection of the groundwater at the Site;

    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; and

    c. Ontario Drinking Water Quality Standards.

Surface Water and Groundwater

3. The Owner shall monitor surface water and groundwater in accordance with the monitoring programs outlined in Schedules 2 and 3.

4. A certified Professional Geoscientist or Engineer possessing appropriate hydrogeologic training and experience shall execute or directly supervise the execution of the groundwater monitoring and reporting program.

Groundwater Wells and Monitors

5. The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage.

6. Where landfilling is to proceed around monitoring wells, suitable extensions shall be added to the wells and the wells shall be properly re-secured.

7. 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 for abandonment, shall be decommissioned by the Owner, as required, in accordance with Reg. 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 Plans

8. a. Within one (1) year from the date of this Approval, the Owner shall submit to the District Manager, details of a trigger mechanisms plan for surface water and groundwater quality monitoring for the purpose of initiating investigative activities into the cause of increased contaminant concentrations.

   b. Within one (1) year from the date of this Approval, the Owner shall submit to the District Manager, details of a contingency plan to be implemented in the event that the surface water or groundwater quality exceeds any trigger mechanism.

9. 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.

10. 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 30 days after confirmation of the exceedances;
    b. 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.

11. 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 Programs, Trigger Mechanisms and Contingency Plans

12. The Owner may request to make changes to the monitoring program(s), trigger mechanisms and/or 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.

13. Within fourteen (14) 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, trigger mechanisms and/or contingency plans,

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 Director requesting the Approval be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.

9. CLOSURE PLAN

1. Operations, Closure and Transfer Station Plans dated February 27, 2020 (Item 8 in Schedule 1) is hereby approved.

2. The Site shall be closed in accordance with the closure plan as approved by the Director.

10. WASTE DIVERSION AND WASTE TRANSFER FOR DISPOSAL

1. 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; and
   c. if necessary to prevent litter, waste storage areas shall be covered during high winds events.

2. The Owner/Operator shall remove the refrigerant as defined in O. Reg. 463/10 in accordance with the following:
   a. all White Goods containing refrigerants which have not been tagged by a licensed technician to verify that the equipment no longer contains refrigerants, shall be stored in a separate area in an upright position; and

   b. White Goods containing refrigerants received at the Site shall be shipped off-Site in order to have the refrigerants removed by a licensed technician in accordance with O. Reg. 463/10; or

   c. the refrigerant shall be removed at the Site by a licensed technician, in accordance with O. Reg. 463/10, prior to shipping White Goods off-Site; and

   d. a detailed log of all White Goods containing refrigerants received shall be maintained. The log shall include the following:
      i. date of the record;
      ii. types, quantities and source of White Goods containing refrigerants received;
      iii. details on removal of refrigerants as required by O. Reg. 463/10; and
      iv. the quantities and destination of the White Goods and/or refrigerants transferred from the Site.

3. The Owner shall transfer waste and recyclable materials from the Site as follows:
    a. Waste collected for transfer to a approved waste disposal site shall be transferred at a minimum every 14 days.
    b. recyclable materials shall be transferred off-site once their storage bins are full;
    c. scrap metal shall be transferred off-site at least twice a year;
    d. 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; and
    e. immediately, in the event that waste is creating an odour, vermin or vector problem.

Schedule 1

1. Application for a Certificate of Approval for a Waste Disposal Site, signed by Paula A. Formanek, Trow Associates Inc., and dated February 19, 2004, and the supporting documentation prepared by Trow Associates Inc. consisting of the following documents:

   (a) Report entitled "Ward 3 (Escott) Waste Disposal Site A441073 Proposed Expansion", dated February 18, 2004, prepared by Trow Associates Inc., excluding Section 5.16, entitled "Triggering Mechanisms and Contingency Measures - Leachate Migration" and excluding Section 5.6, entitled "Final Grading, Cover Systems and Source of Materials

   (b) Drawing No. SP-1, entitled "Site Plan" dated December 16, 2003

   (c) Drawing No. EC-1, entitled "Existing Conditions" dated December 16, 2003

   (d) Drawing No. OP-1, entitled "Operations/Development Plan" dated December 16, 2003

   (e) Drawing No. PFC-1, entitled "Proposed Pre-Aerial Fill Contours" dated June 21, 2004

   (f) Drawing No. SECT-1, entitled "Cross Sections" dated December 16, 2003

2. Letter dated January 29, 2004 from John Trudgen, Clerk-Administrator, The Township of Leeds and the Thousand Islands, to Director, Environmental Assessment and Approvals Branch, Ministry of Environment, providing the authorization for Trow Associates Inc. to act as the Township's agent.

3. Letter dated June 22, 2004 from Paula A. Formanek, Trow Associates Inc., to Margaret Wojcik, Ministry of Environment, providing the following additional information:
   -permeability of the daily and interim cover
   -permeability of the final cover over the existing trenches
   -frequency of the daily cover application
   -description of the alternative daily/interim cover
   -specifications relating to burning of clean wood waste
   -clarification of the existing capacity of the waste landfilled to-date
   -details of the public consultation

4. Letter dated July 14, 2004 from Paula A. Formanek, Trow Associates Inc., to Margaret Wojcik, Ministry of Environment, providing the following additional information:
   -timing of the final cover application
   -procedures for compaction of waste and placement of daily cover
   -days and hours of operation of the waste disposal site
   -agreement to 300 mm interim cover thickness
   -frequency of daily cover application during winter months
   -proposal for ensuring hydraulic conductivity continuity between the existing and the new

waste
-minimum slope for top of the waste mound
-further clarification related to the existing capacity of the waste landfilled to-date

5. Letter dated September 28, 2004 from Paula A. Formanek, Trow Associates Inc., to Margaret Wojcik, Ministry of Environment, providing the following additional information:
-confirmation of the daily cover application frequency
-confirmation of the site area

6. Application for a Certificate of Approval for a Waste Disposal Site dated March 10, 2010 and signed by Vanessa Latimer, Clerk, The Corporation of the Township of Leeds and the Thousand Islands including supporting information submitted with the application.

7. Environmental Compliance Approval Application dated February 7, 2020 and signed by Adam Goheen, Director of Operations, The Corporation of the Township of Leeds and the Thousand Islands, including the attached supporting documentation.

8. Report titled "Operations, Closure and Transfer Station Plans for the Escott Waste Disposal Site" prepared by Malroz Engineering for The Corporation of the Township of Leeds and the Thousand Islands.

Schedule 2
Surface Water Monitoring Program

Location	Task	Frequency	Analytical Parameters
SW4, SW5, HBO, and HBI	-Monitor groundwater elevations -Collect surface water samples -Monitor water quality (field parameters)	Spring and Fall	**Lab Parameters** alkalinity, ammonia, BOD, COD, DOC, conductivity, hardness, pH phenols, phosphorous (total), phosphorous (dissolved), TDS, TSS, TKN, chloride, nitrate, nitrite, sulphate, mercury (dissolved), aluminum (dissolved), arsenic, barium, boron, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, silicon, silver, sodium, uranium, zinc. **Field Parameters** pH, temperature, conductivity, dissolved oxygen, turbidity, flow, unionized ammonia (calc)

Schedule 3
Groundwater Monitoring Program

Location	Task	Frequency	Analytical Parameters
OW3, OW5, OW8R1, OW11R1, OW12, OW13, OW14, BW1, BW2, BW3, BW4, MW101, MW102, MW103, and MW104.	-Monitor groundwater elevations -Collect groundwater samples -Monitor water quality (field parameters)	Spring and Fall	**Lab Parameters** alkalinity, ammonia, BOD, COD, DOC, conductivity, hardness, pH phenols, phosphorous (total), TDS, TSS, TKN, chloride, Nitrate, Nitrite, sulphate, mercury, aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, molybdenum, nickel, potassium, selenium, silicon, sodium, strontium, thallium, tin, titanium, tungsten, uranium, vanadium, zinc. **Field Parameters** pH, ORP, temperature, dissolved oxygen, conductivity, turbidity, unionized ammonia (calc)
OW14 and BW1		Spring and Fall (every two years - 2022, 2024, 2026..)	acetone, trans-1,3-dichloropropylene, benzene, 1,3-dichloropropene (total), bromodichloromethane, ethylbenzene, bromoform, hexane, bromomethane, Methyl ethyl ketone, Carbon tetrachloride, methyl butyl ketone, chlorobenzene, methyl isobutyl ketone, chloroethane, methyl tert-butyl ether, chloroform, methylene chloride, chloromethane, styrene, dibromochloromethane, 1,1,1,2-tetrachloroethane, dichlorodifluoromethane, 1,1,2,2-tetrachloroethane, ethylene dibromide, tetrachloroethylene, 1,2 dichlorobenzene, toluene, 1,3-dichlorobenzene, 1,1,1-trichloroethane, 1,4-dichlorobenzene, 1,1,2-trichloroethane, 1,1-dichloroethane, trichloroethylene, 1,2-dichloroethane, trichlorofluoromethane, 1,1-dichloroethylene, 1,3,5-trimethylbenzene, cis-1,2-dichloroethylene, vinyl chloride, trans-1,2-dichloroethylene, m/p-xylene, o-xylene, xylenes (total), 1,2-dichloroethylene (total), 1,2-dichloropropane, cis-1,3-dichloropropylene

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

GENERAL

- The reason for conditions 1.1, 1.2, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.17, 1.18 and 1.19 is to clarify the legal rights and responsibilities of the Owner and Operator under this Approval.

- The reasons for condition 1.3 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 conditions 1.14 and 1.15 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 1.16 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 1.20 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, 2.5, 2.12 and 6.5 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, 2.3 and 2.4 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 2.6.a and 2.6.b are open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance effects, and the potential fire hazard and to make sure burning of brush and wood are carried out in accordance with Ministry guidelines.

- The reasons for condition 2.7, 2.8 and 2.9 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 2.10 and 2.11 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

- Condition 6.1 and 6.2 are included to ensure that regular inspections are conducted at the Site, to verify that the Site is operated in accordance to this Certificate and in a manner that would not result in a hazard or nuisance to the natural environment or any persons.

- The reason for conditions 6.3 and 6.4 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 reason for conditions 6.6 and 6.7 is to ensure that detailed records of Site inspections are

recorded and maintained for inspection and information purposes.

- The reasons for condition 6.8 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 to 7.4 inclusive and 7.7 inclusive is to specify the approved areas from which waste may be accepted at the Site and the types and amounts of waste that may be accepted for disposal at the Site, based on the Owner's application and supporting documentation.

- Conditions 7.5 and 7.6 are included to specify restrictions on the extent of landfilling at this Site based on the Owner's application and supporting documentation. These limits define the approved volumetric capacity of the Site. Condition 7.5 is also included to specify restrictions on the extent of landfilling within the fill area to maintain a vertical separation between the groundwater table and the waste.

- Condition 7.8 is included to specify the requirement of daily or interim cover applications to control potential nuisance effects, to facilitate vehicle access on the Site and to ensure an acceptable Site appearance.

- The reasons for condition 7.9 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.

- Condition 7.10 is included to provide minimum requirements for the geosynthetic clay final cover if the Owner proposes to use geosynthetic clay for the final cover.

- The reason for the condition 7.10 is to approve the installation of the Bell Mobility Tower within the landfill property.

LANDFILL MONITORING

- Reasons for condition 8.1 are to ensure that 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.

- Condition 8.2 is included to provide the groundwater and surface water limits to prevent water pollution at the Site.

- Conditions 8.3 and 8.4 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.

- Conditions 8.5, 8.6 and 8.7 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 8.8 to 8.11 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 8.12 and 8.13 are included to streamline the approval of the changes to the monitoring plans and trigger mechanisms and contingency plans.

CLOSURE PLAN

- The reasons for condition 9 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 approve the collection and transfer of waste and the recyclable materials. They 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.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A441703 issued on October 4, 2004 as amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

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 Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 13th day of February, 2021

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

RM/
c: District Manager, MECP Kingston - District
John Pyke P. Geo. and Albert Paschkowiak, Malroz Engineering

Appendix D
Site Photos

1. Wind blown litter.
(June 2024)

2. Ponded water.
(June 2024)

3. View of the sign at front gate.
(June 2024)

4. Reinstalled OW14.
(June 2024)

5. SW4.
(June 2024)

6. Sample sets.
(October 2024)

7. OW12.
(October 2024)

8. OW5.
(October 2024)

9. BW2.
(October 2024)

10. Hickenbottom® Drain Outlet.
(October 2024)

11. OW13.
(October 2024)

12. BW3.
(June 2024)

13. BW1.
(October 2024)

14. MW102 and MW103.
(October 2024)

15. MW105 and MW106.
(October 2024)

16. OW8R1.
(October 2024)

Appendix E
Ministry Correspondence

Ministry of the Environment, Conservation and Parks
Eastern Region
1259 Gardiners Road, Unit 3
Kingston ON K7P 3J6
Phone: 613.549.4000
or 1.800.267.0974

Ministère de l'Environnement, de la Protection de la nature et des Parcs
Région de l'Est
1259, rue Gardiners, unité 3
Kingston (Ontario) K7P 3J6
Tél: 613 549-4000
ou 1 800 267-0974

Ontario

M E M O R A N D U M

November 4, 2024

TO: Nathalie Matthews
Senior Environmental Officer
Kingston District Office
Eastern Region

FROM: Sarah Baxter
Surface Water Specialist
Technical Support Section
Eastern Region

RE: Escott Waste Disposal Site
2023 Annual Monitoring Report
Township of Leeds & the Thousand Islands; County of Leeds & Grenville
Environmental Compliance Approval #A441703
ECHO #1-357536988

I reviewed the "*2023 Annual Monitoring Report, Escott Waste Disposal Site (A441703)*" dated March 2024 and prepared by Malroz Engineering Inc. The following comments, relative to surface water impact concerns, are provided for your consideration.

Background

The Escott Waste Disposal Site (WDS) is a natural attenuation landfill that is owned and operated by the Township of Leeds and the Thousand Islands. The site has been operating since at least 1982 when Environmental Compliance Approval (ECA) #A411703 was first issued. The approved fill area is 1.0 hectares within a 15.1-hectare property.

The site is approved to receive solid non-hazardous waste. The site also collects recyclables, white goods, and scrap metal for transfer offsite. The ECA was most recently amended in February 2021.

According to a December 7, 2023 topographical survey, the WDS has approximately 16 years of site life remaining. When I reviewed the 2019 Annual Monitoring Report (AMR), Malroz estimated that the landfill only had 2.6 years of life remaining. It is my understanding that the Township has reclaimed capacity since that time by compacting garbage.

Site Description

The Escott WDS is located on Lots 8, 9, and 10, Concession Broken Front, Geographic Township of Escott, in the Township of Leeds and the Thousand Islands. The site is located approximately 0.5 kilometers north of Highway 401 and is accessed via the east side of Escott Rockport Road.

The landfill is situated in an agricultural portion of the Upper St. Lawrence-1000 Islands tertiary watershed. The site is bound by Escott Rockport Road to the west, agricultural fields to the north and east, and forest and wetland to the south.

An agricultural drain (i.e. North Stream) is located 75 meters north of the mound, while an unnamed tributary (i.e. South Stream) and the La Rue Mills Creek Provincially Significant Wetland (PSW) Complex are situated south of the subject site. A Hickenbottom Drain originates in a drainage ditch just east of the mound and collects runoff from the WDS and tile drainage from the neighbouring fields to the north. All three surface water features flow in a generally northeastward direction, eventually discharging to La Rue Mills Creek.

According to Malroz, the overburden is brown silty clay, and silt and clay 0.46 to 7.62 meters in depth. The bedrock is mostly sandstone overlying Precambrian rock. Bedrock outcropping is visible south of the site, near bedrock groundwater monitoring well BW3. Interpreted groundwater flow is towards the northeast, towards the Hickenbottom Drain.

The AMR characterizes the landfill leachate as having elevated ammonia, chloride, iron, and manganese. I could not further examine leachate indicator parameters (LIPs) as the leachate well, OW14, was destroyed and not sampled in 2023. In addition, historical data from the leachate well was not provided in the reviewed report. My previous AMR reviews suggest that LIPs may also include alkalinity, barium, boron, calcium, chemical oxygen demand (COD), conductivity, hardness, magnesium, phosphorus, potassium, sodium, sulphate, and total dissolved solids (TDS).

Surface Water Monitoring Program

Four surface water monitoring stations are currently sampled at the Escott WDS:

- SW4 – North Stream, at Escott Rockport Road (background);
- SW5 – North Stream, northeast of waste mound (downgradient);
- HBI – Hickenbottom Drain, inlet; and,
- HBO – Hickenbottom Drain, outlet.

Surface water sampling was conducted on May 9 and October 16, 2024. A sample was not collected from HBI in the fall due to dry conditions. Malroz indicates all sampling stations have limited to no flow.

Results

<u>North Stream</u>

The Provincial Water Quality Objectives (PWQOs) for copper, iron, and TP were exceeded at downstream SW5. However, these exceedances were mirrored at background SW4, suggesting they are not landfill related.

Concentrations of most LIPs were similar upstream and downstream of the WDS mound, suggesting the north stream is not being adversely impacted by landfill leachate at this time.

Hickenbottom Drain

Water at the Hickenbottom drain inlet (HBI) appears to be impacted by landfill leachate. This is not surprising as this location is directly northeast and downgradient of the mound and in a zone of interpreted groundwater discharge.

The PWQOs for cobalt, copper, lead, and zinc were exceeded at HBI, but these parameters are not interpreted to be LIPs. Therefore, it is assumed the elevations are the result of sediment entrainment in the sample (i.e. 36 mg/L) or runoff from the agricultural fields to the north.

The concentration of iron reported at HBI was 9.7 mg/L; this level of iron exceeds acute toxicity thresholds. Although some of this parameter elevation may be attributable to sediment entrainment in the sample, it is also likely the result of leachate discharge in the area. At this location, concentrations of most other LIPs also exceeded those reported at background.

The concentrations of LIPs reported at the Hickenbottom drain outlet (HBO) are very similar to those reported at background SW4. This reaffirms Malroz's opinion that the drain is blocked and the leachate-contaminated surface water at HBI is not travelling through the pipe.

Groundwater Monitoring Wells

Because leachate-impacted groundwater is interpreted to flow towards (and potentially discharge to) the North Stream and Hickenbottom Drain, potential impacts to surface water can also be can also be inferred by examining water quality in downgradient overburden groundwater monitoring wells OW3, O-MW101 and O-MW102.

All three wells are impacted by landfill leachate. Concentrations of TP in all three wells exceed 10 mg/L, and concentrations of chloride and TKN exceed those characteristic of natural surface waters. The PWQO for iron and the Canadian Water Quality Guideline (CWQG) for nitrite was exceeded at O-MW101. In addition, concentrations of most LIPs exceeded background levels at all three wells.

Conclusions and Recommendations

1. The Escott WDS is a natural attenuation landfill that is owned and operated by the Township of Leeds and the Thousand Islands. Thanks to garbage compaction, the Township has reclaimed significant waste capacity and Malroz estimates the WDS has approximately 16 years of site life remaining.

2. In the North Stream, concentrations of all LIPs were similar upstream and downstream of the mound. This suggests that the Escott WDS is not adversely impacting the North Stream at this time.

3. Surface water at HBI appears to be impacted by landfill leachate, but surface water at HBO resembles background quality. This data supports Malroz's suggestion that the Hickenbottom drain is blocked. Malroz should therefore investigate the alternative flow path of the water accumulating at HBI.

4. Groundwater monitoring wells northeast of the landfill appear to be impacted by landfill leachate. This suggests that the Escott WDS continues to be a source of leachate-impacted groundwater to the North Stream and Hickenbottom drain.

5. In the reviewed report, Malroz notes that leachate springs and leachate ponding were evident on the north side of the waste pile in the spring. The Township should repair these areas as soon as possible.

6. Future monitoring reports should include historical groundwater and surface water data, not only the data for the most recent year of sampling.

7. Malroz recommends that:

    a. The need for groundwater and surface water triggers be evaluated, and submitted to the Ministry for review following the purchase of additional contaminant attenuation zone (CAZ) lands;

    b. That destroyed leachate monitor OW14 be replaced;

    c. The removal of HBI and SW5 from the surface water monitoring program be considered, as there has been a lack of apparent landfill impact; and,

    d. Sample quality at HBI be further evaluated, now that the area is ponded due a blockage in the Hickenbottom drain.

    From a surface water perspective, I have no objections to the recommendations above except I do not support the removal of HBI and SW5 from the surface water monitoring program. The Escott WDS is an active site and surface water quality could quickly degrade as more waste is landfilled. In addition, leachate-related impacts are already apparent at HBI; the degree of impact, and alternative receiver of the water, should continue to be assessed.

If you have any questions regarding the above comments, I would be pleased to discuss them with you.

Sarah Baxter, B.Sc.H.

ec: V. Castro
O. Mohammed
C. Klein

From: **John Pyke** Pyke@malroz.com
Subject: FW: Escott Landfill - Replacement of OW14
Date: January 15, 2025 at 11:10 AM
To: Paula Klink Klink@malroz.com

JP

John Pyke, P.Geo. Malroz Engineering Inc. T: 613-548-3446 x 34 C: 613-561-5363

From: Jessie Payeur <payeur@malroz.com>
Sent: August 27, 2024 12:05 PM
To: Matthews, Nathalie (She/Her) (MECP) <Nathalie.Matthews@ontario.ca>
Cc: Adam Superville <superville@malroz.com>; John Pyke <Pyke@malroz.com>
Subject: RE: Escott Landfill - Replacement of OW14

Hello Nathalie,

As discussed below, the replacement well for OW14 has been installed at Escott. Kindly see the associated borehole log and figure depicting its location.

Please reach out should you require any additional information.

Best regards,

Jessie Payeur, P.Eng. Malroz Engineering Inc. C: 613-305-4468

From: Matthews, Nathalie (She/Her) (MECP) <Nathalie.Matthews@ontario.ca>
Sent: Tuesday, November 21, 2023 4:02 PM
To: James Tuck <manageries@townshipleeds.on.ca>
Cc: Jessie Payeur <payeur@malroz.com>; Adam Superville <superville@malroz.com>; John Pyke <Pyke@malroz.com>
Subject: RE: Escott Landfill - Replacement of OW14

Hello James,

Attached to this email is a response to John's request to replace Escott WDS's OW14.

If you have any questions, please call or email.

Nathalie Matthews
Environmental Compliance Officer #612 | Kingston District Office | Eastern Region
Ministry of the Environment Conservation and Parks| Government of Ontario
(613) 548-6917 | nathalie.matthews@ontario.ca

Are you reporting a pollution incident or environmental concern? Please use the ministry's online pollution reporting tool or for more urgent matters contact the Pollution Hotline at 1(866) 663-8477.

From: John Pyke <Pyke@malroz.com>
Sent: Tuesday, October 17, 2023 3:27 PM
To: Matthews, Nathalie (She/Her) (MECP) <Nathalie.Matthews@ontario.ca>
Cc: Jessie Payeur <payeur@malroz.com>; Adam Superville <superville@malroz.com>
Subject: Escott Landfill - Replacement of OW14

Hi Nathalie,

Monitoring well OW14 was destroyed and we are planning to install a replacement. We tried to get a drill up on top of the waste mound, however because of the slope the drill was unable to get up on the waste where we wanted it.

Considering this I would propose that the well be moved to a new location midway along the landfill as indicated by the red marker on the attached scanned figure.

I also attached the shallow groundwater flow figures from the 2022 AMR for reference.

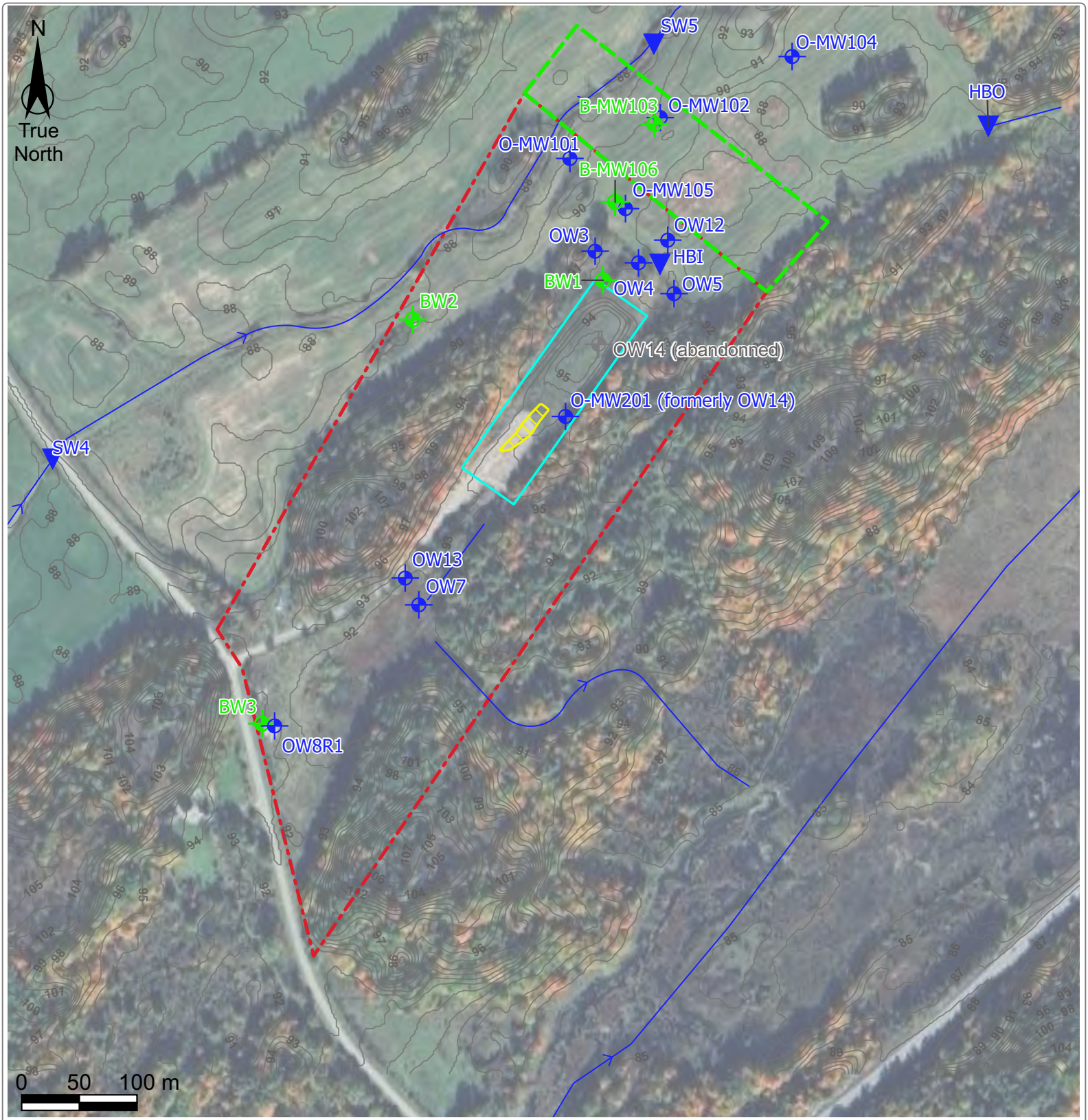
Considering that filling of the landfill since OW14 was installed and the direction of groundwater flow it appears the new location proposed would be suitable. As OW3/5/12 appear to capture shallow groundwater as it migrates north out of the waste mound.

Could you please review and let me know if you have any comments.

Thanks,

John Pyke, P.Geo. Malroz Engineering Inc. T: 613-548-3446 x 34 C: 613-561-5363

From: scans@mg.malroz.com <scans@mg.malroz.com>
Sent: Tuesday, October 17, 2023 3:00 PM
To: John Pyke <Pyke@malroz.com>
Subject: Message from KM_C558



Legend

- approximate property boundary
- 2023 active fill area
- proposed CAZ lands to be purchased
- approximate boundary of current and historical waste fill area
- approximate topography contours (MNRF, 2014)
- surface water feature with flow direction
- bedrock monitoring well locations
- overburden monitoring well locations
- damaged monitoring well locations
- surface water sampling stations

Note: Replaced OW11R1 and BW4 with MW105 and MW106 respectively, on December 1, 2022.
Note: O or B before well ID or included as part of it, indicates overburden and bedrock wells respectively. ID= well identification number.
Data Sources:Figure based on Malroz field observations and Google Earth imagery; topographic contours based on Digital Raster Aquisition Project Eastern Ontario, MNRF, 2014; stream based on Ontario Hydro Network, MNRF, 2020

D0	2024-08-20	issued in draft	ZL	RG
Rev	Date	Description	By	Chkd

Site Plan

Update Letter
Escott WDS - A441703
Township of Leeds and the Thousand Islands

File: 1038-135.00

Figure 1
Draft

MALROZ

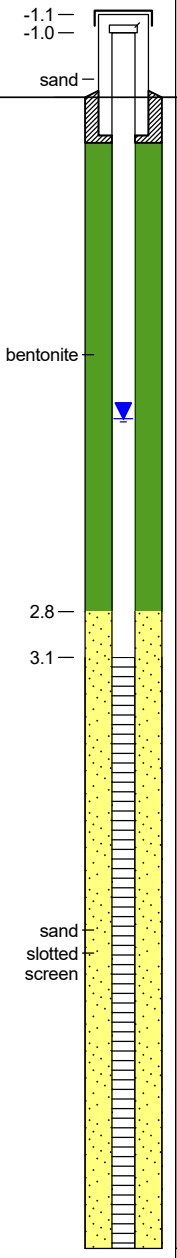
WELL LOG

Enclosure No.: 1

Project Name: **Escott WDS**		Project Number: **1038**
Client: **Township of Leeds and Thousand Islands**	Well Number: **O-MW201 (formerly OW14)**	Page: **1** of **1**
Location: **227 Escott Rockport, Mallorytown, ON**	Date Started: **2024 June 14**	Datum: **NAD 83, Zone 18T**
Drilling Contractor: **G.E.T. Drilling Ltd.**	Date Finished: **2024 June 14**	Elevation: **93.1 m**
Drilling Equipment: **CME 55**	Easting: **424935.4 m**	Northing: **4917569.4 m**
Drilling and Sampling Method: **Hollow-Stem Auger**	Logged By: **R. Gillan**	Checked By: **Z. Leger**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description
0.2			**SILTY CLAY** Trace sand, brown, soft.
2.4	90.72		**SILTY CLAY** Trace sand, debris from waste mound, brown to dark grey, soft.
3.6	89.42		**SILTY CLAY** Trace sand, dark grey, soft.
6.2	86.85		End of borehole at target depth (6.3 m).

Monitoring Well



Sample Type | Sample Number | Recovery (%) | SPT 'N' / RQD

NOTES:

Well Construction Details
0.98 m stick-up with aluminum monument
38.1 mm Sch. 40 PVC
slotted screen
3.1 m screen
#1 sand

Groundwater Monitoring Details
monitored on 2024 June 28
DTW[1]: 1.8 m
DTB[1]: 6.3 m
[1]depths are reported from grade

nr: no response on the instrument or below 1% of the lower explosive limit

BOREHOLE LOG 1038 BH LOGS.GPJ MALROZ ENGINEERING.GDT 24/8/19

Appendix F
Logbook and Waybills

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 2/2024 **TIME:** 8.15am **STAFF:** Allan McRae

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: Jan/2/2024 — Cardboard Bin.

DATES BINS WERE PICKED UP: Jan/3/2024 — 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)
9.30 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
11.00 AM	" "	"	" " "	✓
12.30	" "	"	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 36.

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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 6/2024 **TIME:** 8.15 AM **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
FAST EDGE into Compact on January 3

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)
9.45 am	Art Mowat	½ Recycle / ½ Landfill	½ ton P/u	✓
10.80 AM	"	"	"	✓

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: 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: January 9/2024 **TIME:** 8.15AM **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	Yes / (No)	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds
Other:	(Yes) / No	Sand around Bins

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

TYPE

DATE BINS WERE ORDERED: January 8/2024 Paper Bin, and Plastic Bin.

DATES BINS WERE PICKED UP: January 10/2024 Paper Bin, and 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)
9.30AM	ART Morrow	½ Recycle / ½ Landfill	½ Ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 36.

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: Sand around Bins

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 13/2024 **TIME:** 8.15 am **STAFF:** Allan McRae

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
- Clarence into Plow & Sand.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.45 Am	Art Morrow	Regd. 1/2 / Landfill 1/2	1/2 ton P/U	✓
11.00 Am	" "	" "	" " "	✓
12 noon	" "	" "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 64

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: Sand around Bins & Shovelled

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 16/2024 **TIME:** 8.15AM **STAFF:** ALLAN McRAE

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
Clarence in too a little Plowing and Put Sand down

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11.00am	Art Morrow	Recycle / Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 48

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: Shovell around Bins and Put Salt down

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 20/2024 **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	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)
9.45 am	Art Morrow	Yz / Landfill	½ ton P/U	✓
11.00 am	" "	Recycle / "	" " "	✓
12.10 pm	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 68

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: Sand around Bins.

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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 23/2004 **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	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)
9 30 am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 58

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 Around Bins / Clarence In Too Sand Roadways

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 27/2024 **TIME:** 8.15 Am **STAFF:** Allan McRae

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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.40 Am	Art Morrow	Recycle / Landfill	½ ton P/U	✓
10.50 Am				
Noon				

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: Shovel Snow and Salt Around Bins

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 30/2024 **TIME:** 8:15 Am **STAFF:** Allan McRae

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
Propane Truck in to fill Tank

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material 1/2 / 1/2	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 Am	AA Morrow	Recycle / Landfill	1/2 ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 51

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 around Bins

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: February 3/2024 **TIME:** 8.15 Am **STAFF:** ALLAN McRAE

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 Put Salt down around Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.30 Am	Art Morrow	Recycle / Landfill	½ ton P/U	✓
10.45 Am	" "	" / "	" " "	✓
12.30 pm	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 78

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 around Bins.

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE A McRae **Print Staff Name:** ALLAN McRAE.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: February 6/2024 **TIME:** 8.30 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	Birds.
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Feb/6/2024 **TYPE** Plastic Bin & Paper Bin.

DATES BINS WERE PICKED UP: Feb/8/2024 Plastic Bin & Paper Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Fast EDDIE in to compact Landfill with Bulldozer on Monday February 5/2024.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 49

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:** _____

Township of
Leeds and the
Thousand Islands

1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

- ☐ Lansdowne
- ☐ Lyndhurst
- ☒ Escott

WASTE DISPOSAL SITE

DAILY INSPECTION FORM

DATE: February 10/2024 **TIME:** 8:15am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930am	ART Morrow	Recycle / Landfill	½ ton P/U	✓
11.00am	" "	" / "	" " "	✓
12 noon	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 72

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

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: February 13/2024 **TIME:** 8:15am **STAFF:** ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30am	Art Moran	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 51

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 17/2024 **TIME:** 8.15 AM **STAFF:** ALLAN McRAE

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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10.45	Art Morrow	Recycle / Landfill	½ ton P/U	✓
12. noon	" "	" / "	" " " / "	✓
1.15pm	" "	" / "	" " " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 76

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 & Shovell / Clarence in Friday Plow.

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:**

Township of
Leeds and the Thousand Islands

1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: February 20/2024 **TIME:** 8:15am **STAFF:** Allan McRae

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: Feb/22/2024 Plastic Bin

DATES BINS WERE PICKED UP: Feb/23/2024 Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

- Salted and Shovelled around Bins.
- Clarence in to Plow & Sand.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 51

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 & Shovell around Bins

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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Lansdowne, ON K0E 1L0

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- ☒ Escott

WASTE DISPOSAL SITE

DAILY INSPECTION FORM

DATE: February 24/2024 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	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)
9.45am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
11:05am	" "	" "	" " "	✓
12 Noon	" "	" "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 72

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:**

Leeds and the Thousand Islands
Lansdowne, ON K0E 1L0

- [ ] Lansdowne
- [ ] Lyndhurst
- [x] Escott

DAILY INSPECTION FORM

DATE: February 27/2024 TIME: 8:45 am STAFF: ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Along Roadways & Around Bins
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.00am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/u	✓
10.30am	" "	" "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 67

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Along Roadways & 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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Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 2/2024 **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	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: Thursday - East EDDIE in to compact Landfill - I Packed Bins on Thursday.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
1045 AM	" "	" / "	" " " "	✓
12 noon	" "	" / "	" " " "	✓

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: 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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 5 /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	Birds -
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: March / 4 / 2024
DATES BINS WERE PICKED UP: March / 6 / 2024

TYPE
Plastic Bin / Paper Bin.
Plastic Bin / Paper 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)
930 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 55

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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 9/2024 **TIME:** 8:15am **STAFF:** ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins & Roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Coyotes
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
- Litter Control.
- Fast Eddie in too Compact (Thursday March 7/24

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
11.30 am	" "	" / "	" " " "	✓
12.30	" "	" / "	" " " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 74

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around Bins & 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 Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 12 / 2024 **TIME:** 8:20 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	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 Pack Bins & Push up Landfill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.00 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 58

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins & 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 Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 14/2024 **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	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)
9:30 am	ART Morrison	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓
~~1:30 pm~~	" "	" "	" " " "	
12:30 pm	" "	" "	" " " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 89

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:** _____

Township of Leeds and the Thousand Islands
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Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 19/2024 **TIME:** 8:15am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: March 10/2024 **TYPE** Plastic Bins
DATES BINS WERE PICKED UP March 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)
9:20 AM	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 42

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 on Steps

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: March / 2024 **TIME:** 8.15am **STAFF:** ALLAN MCRAE

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 - fast EDDIE in too Compact.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.30 Am	ART Mowat	½ Recycle / ½ Landfill	½ ton P/U	✓
11.00 am	" "	" / "	" " "	✓
12.30 pm	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 56

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~~ SALT SUPPRESSANT: (Yes) / No - MAX into Plow.

DETAILS: - Salt & Shovell around Bins.

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: March 26/2024 TIME: 8:15 am STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins & Roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Bird
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)
9:30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 51

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 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 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: March 30/2024 **TIME:** 8.15am **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
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)
10:00 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton T/C	✓
11:30 AM	"	"	"	✓
1:00 pm	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 73

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 39
Lansdowne, ON K0E 1L0

☑ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 2/2024 TIME: 8:15am STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins & Along Roadway
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
10:30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 53

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.

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 6/2024 **TIME:** 8.15 am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins & Roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: April 4/2024 Paper Bin / Plastic Bin

DATES BINS WERE PICKED UP: April 5/2024 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)
9.30 Am	ART Moreau	1/2 Recycle / 1/2 Landfill	5 ton P/U	✓
11.30 Am	" "	" / "	" " " "	✓
12.30 pm	" "	" / "	" " / NIL	✓

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: Around Bins & Roadways

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 9/2024 **TIME:** 8:15 AM **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	around bins
Windblown Litter:	Yes / No	around Bins & Roadway
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 am	Art Morse	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 54

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Along Roadway & 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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 13/2024 **TIME:** 8:15 am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Around Bins.
Windblown Litter:	(Yes) / No	Around Bins.
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 00 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/u	✓
11 30 AM	" "	" "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 78

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

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: John from Hutcheson Rd (complain re: about everything)

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April / 2024 TIME: 8:15 AM STAFF: ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Along Roadways & Around Bins
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 FAST Eddie in to Compact (Tuesday)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 AM	Art Morrow	½ Royale / ½ Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 49

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins & Roadways

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 20/2024 **TIME:** 8:15 am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General Area & Around Bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: April 18, 2024 **TYPE** Plastic Bins.

DATES BINS WERE PICKED UP: April 19/2024 Plastic Bins.

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)
9:30 am	Art Mowat	Recycle / Landfill	½ ton P/U	✓
11:00 am	"	" / "		✓
12:30 pm	"	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 107

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: General Area and 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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 23/2024 **TIME:** 8.15am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Along Roadway / around Bins
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: April/23/2024 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)
9⁰⁰ am	ART Morrow	½ Recycle / ½ Landfill	½ ton B/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 62

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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 27/2024 **TIME:** 8.15 am **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
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)
9 30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton T/Y	✓
11 00 am	" "	" / "	" " " / "	✓
1230 pm	" "	" / "	" " " / "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 102

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 29/2024 TIME: 8:15 AM STAFF: ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General area / around Bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds -
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: April 29/2024 TYPE Paper Bin, Plastic & Cardboard

DATES BINS WERE PICKED UP: ~~April~~ 01/2024 May Paper Bin, Plastic & 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)
9:00AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 69

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 4/2024 **TIME:** 8.15 am **STAFF:** ALLAN McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General Area / Around Bins
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 Trailer Moved on Wednesday

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.30 am	Art Morrow	Recycle / Landfill	½ ton P/U	✓
11.00 am	"	" / "	" " " P/U	✓
12.30 pm	"	" / "	" " " P/U	✓

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: 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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 7/2024 **TIME:** 8.15 **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / ~~No~~	
Windblown Litter:	~~Yes~~ / No	General Area / around Bins
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
- Tent Eddie in too compact Landfill.
- Trash into Repair Step.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9.15 AM	Art Morra	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 64

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 11 **TIME:** 8.15 am **STAFF:** ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General Area & Landfill
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

TYPE

DATE BINS WERE ORDERED: May 9/2024 Plastic Bin

DATES BINS WERE PICKED UP: May 13/2024 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)
9.30 AM	A&T Morrow	½ Recycle / ½ Landfill	½ ton P/u	✓
11.30 AM	" "	" / "	" / "	✓
1.00 pm	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 93

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 14/2024 **TIME:** 8:15am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General area & around Bins
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30am	ART McCrae	½ Recycle / ½ Landfill	½ ton P/U	✓
11:30am	" "	" / "	" " / "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 61

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 18/2021 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Along Roadway & General Area
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 00 Am	Art Morrow	Recycle / Landfill	½ ton P/U	✓
12 00 noon	" "	" / "	" " " / "	✓
1:30 pm	" "	" / "	" " " / "	✓

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: Along Roadway 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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 21/2024 **TIME:** 815 Am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Along Roadway & General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: May 21/ 2024
DATES BINS WERE PICKED UP: May 24 2024

TYPE Paper Bin / Cardboard Bin / Plastic 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	Art Morrow	Recycle / Landfill	½ ton P/4	✓
11 00 Am	" "	" "	" " " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 67

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Along Roadway & 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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 25/2024 TIME: 8.15 am STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Along Roadway & General Area
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
11:30 pm	" "	" / "	" " "	✓
1:30 pm	" "	" / "	" " "	

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: 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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 28/2024 **TIME:** 8:15 am **STAFF:** ALLAN McRAE

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.
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)
9.00 am	Art Morrow	Recycle / Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 67

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June. 1/24 **TIME:** 8:20 **STAFF:** Steve A.

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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:40am	Art Morrow	household recycle	½ H - ½ R ½ ton	✓
11:30	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 107

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 4 / 2024 **TIME:** 8.15 **STAFF:** Allan McRae

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.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

TYPE

DATE BINS WERE ORDERED: June 3, 2024 — Plastic Bin.

DATES BINS WERE PICKED UP: June 6/ 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)
10 30 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 81

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 A McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June.8/24 **TIME:** 8:15 **STAFF:** SteveA.

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 / raccoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 06/07/24 plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
plastic bin got delivered on friday

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:53am	Morrow	household recycle	1/2 household 1/2 recycle	✓
11:20am	Morrow	"	"	✓
12:34pm	Morrow	"	"	✓

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 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 Stn Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 11/2024 **TIME:** 8.15 AM **STAFF:** ALLAN MCRAE

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
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)
9.30	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 42

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 15/24 **TIME:** 8:20 **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	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	Morrow	household recycle	1/2 R / 1/2 H 1/2 ton truck	✓
11:36am	"	"	"	✓
12:47pm	"	"	"	✓

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: around bins and general area / 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 Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 18/2024 **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
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: June ~~18~~ 17/2024 **TYPE** Plastic Bin / Paper Bin.

DATES BINS WERE PICKED UP: June/18/2024 Plastic Bin / Paper Bin. (Friday pick up.)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Hydro One in to do Hydro Lay Out!..
- Warned Rick Tabec about speeding in Landfill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material (½ / ½)	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 Am	Art Morrow	Recycle / Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 56

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) " " RAIN.

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June. 22/24 **TIME:** 8:20 **STAFF:** Steve A.

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: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
packed OCC to save more room for more cardboard
moved plastic around to make more room in bin

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:52am	Art Morrow	Recycle household	1/2 R 1/2 H 1/2 ton truck	✓
11:20am	"	"	"	✓
12:30pm	"	"	"	✓
1:30pm	Resident	constuction	truck / trailer	4x$65 ✓
3:25pm	Resident	constuction	truck	2x$65 ✓

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: 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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 25/2024 **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.
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)
9 00 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 67

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June.29/24 **TIME:** 8:20 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	up near garbage Pile
Windblown Litter:	(Yes) / No	around bins / general area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / 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)
9:40am	Morrow	Household Recycle	1/2H/1/2R 1/2 ton	✓
11:30am	"	"	"	✓
12:30pm	"	"	"	"

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 / 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:**

Township of Leeds and the Thousand Islands
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Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 2/2024 **TIME:** 8.15 AM **STAFF:** ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	up at the Landfill.
Windblown Litter:	(Yes) / No	Around Bins & General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	June 27 2024	Plastic Bin / Cardboard Bin.
DATES BINS WERE PICKED UP:	July 2/2024	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	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 78

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. 6/24 **TIME:** 8:20 am **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: / /

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)
9:45	Art Morrow	household recycle	½ H / ½ R ½ ton +	✓
11:30	"	"	"	✓
1:08	"	"	"	✓

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: 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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1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 9/2024 **TIME:** 8.15 am **STAFF:** ALLAN MCRAE

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 & Racoon -
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: July/9/24 **TYPE** Plastic, Paper, and Metal Bins
DATES BINS WERE PICKED UP: July/11/24 Plastic, Paper, and 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)
9.30 am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 76

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SI
DAILY INSPECTION FORM

DATE: July.13/24 **TIME:** 8:20 **STAFF:** Steve A.

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: / /

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)
9:45	Morrow	1/2 household 1/2 recycle	1/2 ton truck	✓
10:50	"	"	"	✓
12:25	"	"	"	✓

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: 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 16/2024 **TIME:** 8:20 **STAFF:** ALLAN MCRAE

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 / Racoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: July 16/2024 **TYPE** Plastic Bins
DATES BINS WERE PICKED UP: July 18 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)
9:30 Am	ART MORROW	½ Recycle / ½ Landfill	½ ton T/A	✓

TOTAL COUNT OF HOUSEHOLD USERS: 87

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 20/2024 **TIME:** 820 **STAFF:** Aaron Chapman

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Blown around bins / General Area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Vultures / 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)
1145 am	Larry / 1500 Red Chevy	wood/Painted wood/metal	½ Single Axel Trailer	Yes

TOTAL COUNT OF HOUSEHOLD USERS: (75)

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 Langille-Chapman **Print Staff Name:** Aaron Langille-Chapman.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 23/2024 **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 & Racoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	July 23/2024	Plastic Bin.
DATES BINS WERE PICKED UP:	July 26/2024	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)
9:30 Am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 78

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. 27/24 **TIME:** 8:20 **STAFF:** Steve Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / 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)
9:45	Morrow	house hold recycle	1/2 ton truck	✓
11:00	"	"	"	✓
12:25	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 102

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 StnAllen **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:** 8.20 AM **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 & Racoons.
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	July 30/2024	Plastic Bin & Paper Bin.
DATES BINS WERE PICKED UP:	Aug 2/2024 Aug 2	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)
930 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

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 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 3 2024 **TIME:** 820 **STAFF:** Aaron Chapman

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	In front of garbage pile
Windblown Litter:	(Yes) / No	around Bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Racoons / 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)
X3 1030, 1130 330	~~Bill~~ 43 Lamoureux Mills RD Micheal Domerse	Bed, Box spring Furniture, Dresser, night stand Cabinet	Single axel trailer	Yes 2 30$ tags + 16 tags

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: 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 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: Aug 6 2024 **TIME:** 825 **STAFF:** Aaron Chapman

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	In front of hill by garbage
Windblown Litter:	(Yes) / No	around garbage pile and bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Racoons / birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 08/06/2024 plastic 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)

TOTAL COUNT OF HOUSEHOLD USERS: 70

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: picked up garbage around bins and by garbage pile

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 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: August 10/2024 **TIME:** 8:30 am **STAFF:** Tim WATSON

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Around Cardboard bin/in front of.
Windblown Litter:	(Yes) / No	Small amount of
Leachate Springs:	Yes / (No)	None Seen
Animals:	Yes / (No)	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
picked up small amount of litter in and around area.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
~~9:44 am~~	~~Art Morrow~~	

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:44 am	Art Morrow	House Hold	½ Ton Truck	YES
11:30 am	Art Morrow	House Hold	½ Ton Truck	YES
12:30 pm	Art Morrow	House Hold	½ Ton Truck	YES

TOTAL COUNT OF HOUSEHOLD USERS: 78

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: picked some litter 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:** Tim WATSON

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 13 / 2024 TIME: 8:20 STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Around Cardboard Bin;
Windblown Litter:	(Yes) / No	Around Bins, Roadway / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds, Racoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Aug 13/2024	Cardboard Bin / Plastic Bin.
DATES BINS WERE PICKED UP	Aug/ 16/2024	Cardboard Bin / Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material 1/2 / 1/2	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 am	Art Morrow	Recycle / Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 93

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Along Roadway / 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. 17/24 **TIME:** 8:20 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	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)
9:45am	Morrow	household recycle	1/2 ton truck	✓
11:18am	"	"	"	✓
12:45pm	"	"	"	✓

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: 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: Aug 20/2024 TIME: 8:20 Am STAFF: ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	up at the garbage Pit.
Windblown Litter:	(Yes) / No	around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds, Racoons and Rats.
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
- last EDDIE in to Compact (Monday).

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 Am	ART Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 56

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. 24/24 **TIME:** 8:20 **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: / /

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)
9:30am	Morrow	household recycle	1/2 ton truck	✓
11:05am	"	"	"	✓
1:45pm	"	"	"	✓

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: 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: Aug 27/2024 TIME: 8:22 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
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Aug/26/2024	Plastic Bin / Paper Bin.
DATES BINS WERE PICKED UP	Aug/27/2024	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)
9:00 am	Art Mowat	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 72

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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☐ Lyndhurst
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug. 31/24 TIME: 8:20 am STAFF: Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / along roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / 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)
9:45	Morrow	household recycle	½ ton truck ½ ½	✓
11:23	"	"	"	✓
1:10	"	"	"	✓

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: around bins and 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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1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 3/2024 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 & 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)
9:00 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

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: 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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 7/24 TIME: 8:20 STAFF: Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / 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)
9:38am	Morrow	household recycle	1/2 ton truck	✓
11:30	"	"	"	✓
12:43	"	"	"	✓

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: 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 dlh **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 10/2024 TIME: 8 20 Am STAFF: ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	up around Landfill
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:

DATE BINS WERE ORDERED: Sept 10/2024 TYPE Plastic Bin.
DATES BINS WERE PICKED UP: Sept 13/2024 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)
9 00 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 73

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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 14/24 **TIME:** 8:20 am **STAFF:** 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)
9:45	Morrow	house hold recycle	1/2 ton P/U	✓
11:20	"	"	"	✓
12:45	"	"	"	✓

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: 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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: September 17/2024 TIME: _____ STAFF: Allan McRae / Wayne Thompson

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds -
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Sept/17/2024 TYPE Plastic Bin / Paper Bin.
DATES BINS WERE PICKED UP: Sept/18/2024 Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Turned a white P/u with a tandem Trailer loaded with large trees.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
900 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/u	✓

TOTAL COUNT OF HOUSEHOLD USERS: 82

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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1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 21 TIME: 8:25am STAFF: Aaron Chapman

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around bins.
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30am	Art Morrow	Household waste	1 ton pickup	✓
10:50am	Art Morrow	Recycling / household waste	½ Recycle ½ house waste	✓
11:45am	Art Morrow	Recycling / household	½ Recycle ½ household waste	✓

TOTAL COUNT OF HOUSEHOLD USERS: (82)

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: picked up garbage 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 Aaron Chapman **Print Staff Name:** Aaron Chapman.

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☑ Lansdowne
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 24/2024 **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
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Sept/23/2024 **TYPE** - Plastic Bin.

DATES BINS WERE PICKED UP: Sept/24/2024 - Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- 4 Loads of fill (Becky) ditching
- Chris Kirkland in, cut grass along ditches.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9 30 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 81

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:** _____

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept. 28/24 **TIME:** 8:20 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	around bins
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
~~Everyone~~ lots of positive comments on work that has been done

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:45	Morrow	recycle household	1/2 ton p/u	✓
11:40	"	"	"	✓
1:05	"	"	"	✓

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: 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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 1/2024 **TIME:** 8 20 Am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / Along Roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Oct 1/2024	Metal Bin
DATES BINS WERE PICKED UP:	Oct 4/2024	Metal Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
(Perry) - Foot Eddie in to Compact Landfill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9 15 Am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

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: Around Bins / Along 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 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. 5/24 **TIME:** 8:20 am **STAFF:** Steven A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	raccoons / birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 10/04/24 scrap steel

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: 106

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 S. Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 8/2024 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
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Oct/8/2024 TYPE: Plastic Bin / Cardboard Bin
DATES BINS WERE PICKED UP: Oct/9/2024 Plastic Bin / Cardboard Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
(Monday) - Fast EDDie in the compact Landfill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:00 AM	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓
11:15 AM	" "	" "	" " "	✓
1:45 PM	" "	" / "	" " "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 59

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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 12/24 TIME: 8:20 STAFF: Steven A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds / 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)
9:45	Morrow	household recycle	1/2 ton P/U	✓
11:45	"	"	"	✓

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: 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:**

Leeds and the Thousand Islands
Lansdowne, ON K0E 1L0

- [ ] Lansdowne
- [ ] Lyndhurst
- [x] Escott

DAILY INSPECTION FORM

DATE: Oct /2024 TIME: 8:20 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 / 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)
8:45 Am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 56

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 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 Allan McRae Print Staff Name: Allan McRae

OFFICE USE:

Date Reviewed: Reviewer: File Number:

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1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 19/24 **TIME:** 8:30 am **STAFF:** Wayne

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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 am	Art Morrow	½ Recycle ½ Garbage	½ ton P/U	✓
11:15 am	"	" "	"	✓
12:35 pm	"	" "	"	✓

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: 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 Wayne Thomps **Print Staff Name:** Wayne Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 22/2024 TIME: 815 am STAFF: ALLAN MCRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	~~Around Bins~~
Windblown Litter:	(Yes) / No	Around Bins / General Area.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

TYPE

DATE BINS WERE ORDERED: Oct/21/2024 Plastic Bin.

DATES BINS WERE PICKED UP: Oct/22/2024 Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Ferry Into Compact Landfill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9 00 am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 72

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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct. 26/24 **TIME:** 8:20 **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
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)
930	Morrow	Recycle household	1/2 ton P/U	✓
1100	"	"	"	✓
1150	"	"	"	✓

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: 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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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 29/2024 TIME: 8:30 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 / 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
Fast Eddie in Too Push up landfill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:50 Am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 86

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 2/24 **TIME:** 8:20 **STAFF:** Steven Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	birds/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)
930	Morrow	Recycle household	1/2 ton P/U	✓
1045	"	"	"	✓
1150	"	"	"	✓

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

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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1233 Prince Street, P.O. Box 280
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 5/2024 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 / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Nov 4/2024 TYPE Plastic Bin / Paper Bin / Cardboard Bin

DATES BINS WERE PICKED UP: Nov 5/2024 Plastic Bin / Paper Bin / Cardboard Bin

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS "Lots of Leaves"

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material ½ Recycle / ½ Landfill	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:45 am	Art Morrow	Recycle / Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 78

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
DAILY INSPECTION FORM

DATE: Nov. 9/24 TIME: 8:20 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	Birds / 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)
9:50	Morrow	household recycle	1/2 ton p/u	✓
11:10	"	"	"	✓
12:20	"	"	"	✓

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 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: Nov 12 **TIME:** 8:20 am **STAFF:** Aaron Chapman

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Rain puddles
Windblown Litter:	(Yes) / No	around drive in area / and bins
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	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
Propane delivery 10:50am

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 72

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Picked up garbage around site

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 [signature] **Print Staff Name:** Aaron Chapman

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 16/24 **TIME:** 8:20 **STAFF:** Steve Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around bins / General area
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	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)
950	Morrow	household recycle	1/2 ton p/u	✓
1055	"	"	"	✓
1150	"	"	"	✓

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 / 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:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 17 **TIME:** 8:15 **STAFF:** Julie McDonald

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	
Other:	Yes / No	

Slow day

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: 43

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: picked up 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 Julie McDon **Print Staff Name:** Julie M. Donald

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 23/24 **TIME:** 8:20 **STAFF:** Steve Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	Low spot in gravel area near land fill
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

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
945	Morrow	recycle household	1/2 ton p/u	✓
1045	"	"	"	✓
1200	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 107

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 Steven Allen **Print Staff Name:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 26 TIME: 8:10 STAFF: Julie McDonald

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	very little
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: 36.

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:** Julie McDonald

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov. 30/24 **TIME:** 815 **STAFF:** Steve Allen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	in gravel area by waste
Windblown Litter:	(Yes) / No	around bins / along roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	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)
950	Morrow	household recycle	1/2 ton P/U	✓
1056	"	"	"	✓

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: around bins / along 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 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 3/2024 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	Racoons / Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: Dec 2 /2024 TYPE: Plastic Bin / Paper Bin / -Cardboard Bin. -metal Bin.

DATES BINS WERE PICKED UP: Dec 4/2024 Plastic Bin / Paper Bin / -Cardboard Bin. -metal Bin.

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)
9:00 Am	ART Morrow	Recycle / Plastic	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: C7

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. 7/24 TIME: 8:20 STAFF: 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: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Shoveled snow from around bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
940	morrow	household recyclele	1/2 ton p/u	✓
1050	"	"	"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 100

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: moved some garbage back to keep from gravel 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: Dec 10/2024 TIME: 8:30 Am STAFF: Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	Yes / (No)	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 - Propane Delivery.
- Snow Covered and VERY Icy.
(930 AM) - Clarence into Plows & Sand Roadways.
COMMERCIAL HAULER OR LARGE LOADS - Surveyor from Mahroz in to Survey.

Time	Hauler	Material ½ / ½	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:45 Am	ART Morrow	Recycle / Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 36

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~~ Salt SUPPRESSANT: (Yes) / No

DETAILS: Salt around Bins / Very Icy.

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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 14/24 **TIME:** 8:20 **STAFF:** 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
put salt down on icy areas around bins
John Lutz into sand icy patch up near garbage pile

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:40	Morrow	household recycle	½ ton p/u	✓
10:50	"	"	"	✓
12:15	"	"	"	✓

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:

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: Salt

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☒ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 17/2024 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 / Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: 12/18/24 / Paper **TYPE**

DATE BINS WERE ORDERED: Dec/16/2024 - Plastic Bins.

DATES BINS WERE PICKED UP: Dec/18/2024 - Plastic 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	ART Morrow	1/2 Recycle / 1/2 Landfill	1/2 ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 56

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:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 21/24 **TIME:** 8:15 **STAFF:** Steven 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
Clarence in to plow and sand in am

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930	Morrow	Household recycle	1/2 ton p/u	✓
11:06	"	"	"	✓
12:17	"	"	"	✓

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:

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: salted steps and 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:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 24/2024 TIME: 8 20 am STAFF: ALLAN McRae

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

All - Shoveled / salted / and Sanded around Bins
- Closed Noon Hour.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
845 am	Art Morrow	½ Recycle / ½ Landfill	½ ton P/U	✓

TOTAL COUNT OF HOUSEHOLD USERS: 22

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 around Bins

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:

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec. 28/24 **TIME:** 8:10 am **STAFF:** Steve A.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	General area
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
Tim Watson into sand roadway and general area

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930	Morrow	household recycle	½ ton p/u	✓
11	"	"	"	✓
12	"	"	"	✓

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: General area

APPLICATION OF DUST SUPPRESSANT: (Yes) / No

DETAILS: Sand/salt 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:** Steven Allen

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

☐ Lansdowne
☐ Lyndhurst
☒ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 31/2024 TIME: 8 20 am STAFF: ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	Around Bins / Along Roadway
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

	TYPE
DATE BINS WERE ORDERED: Dec/30/2024	Plastic Bin / Paper Bin.
DATES BINS WERE PICKED UP: Jan/2/2025	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)
10 20 Am	Art Morrow	1/2 Recycle / 1/2 Landfill	1/2 Ton P/4	✓

TOTAL COUNT OF HOUSEHOLD USERS: 38

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins / Roadways ditches

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:

Appendix G
Malroz Site Inspections

Escott Hill Site Inspection

Date: 24/06/07 Time: 1:00pm

Inspected by: AS/SB

Weather Conditions: Cloudy

Inspection Item	Condition	Notes
Is signage displayed that outlines the hours of operation, acceptable wastes etc. per ECA?	Yes	
Was a site attendant present during operational hours of the landfill? Record name of attendant.	No	
Were any hazardous or liquid wastes observed being disposed of at the site?	No	
Are recycling materials being placed in the appropriate bins?	Yes	
Were vermin, vectors, dust or litter present?	No	
Is windblown litter present at the site? If yes, ahs schedule been set for removal?	Yes	~~Continuance~~ Continuos clean-up
Are brush and clean wood segregated from other wastes?	Yes	
Did wastes burning occur at the site?	No	
Is interim cover being applied to the site?	Yes	
Is the property locked outside of posted hours? Is the gate and fence in good condition?	Yes	Fence in gd. good condition
Drainage conditions (e.g. ponded water).	Yes	There was ponded water during visit.
Are surfacewater features obstructed?	No	
Are all ditches , swales, sediment control ponds, and rock check dams in working order?	yes	

Is there evidence oof excessive erosion on the on-site road?	No	
Condition of the landfill cap? Is erosionof the cap occuring? Condition of vegetation?		Cap in good condition
Are leachate springs evident anywhere on site?	No	
Have all monitoring wells been located? Do all wells have proper caps? Do any wells need repairs?		All wells have caps/J-plugs
Are there seeps present?	No	
What is the condition of the methane venting system?	N/A	
Was waste observed outside of the approved fill area?	No	
were any unapproved wastes desposited or observed at the site?	No	
Are onsite structures in good condition?		Structures in good condition.
Methat monitoring in on site structures?	Structure locked during visit.	**Attendant Shed Vapour Monitoring:** Hex: ME: PID:

General Comments

Signature

Escott Hill Site Inspection

Date: 24/10/17 Time: 4:00pm

Inspected by: AS/RG

Weather Conditions: Clear

Inspection Item	Condition	Notes
Is signage displayed that outlines the hours of operation, acceptable wastes etc. per ECA?	Yes	Sinage in good condition
Was a site attendant present during operational hours of the landfill? Record name of attendant.	No	Site closed.
Were any hazardous or liquid wastes observed being disposed of at the site?	No	
Are recycling materials being placed in the appropriate bins?	Yes	
Were vermin, vectors, dust or litter present?	Yes	Site closed, birds present on waste pile.
Is windblown litter present at the site? If yes, ahs schedule been set for removal?	Yes	Continuous cleanup.
Are brush and clean wood segregated from other wastes?	Yes	
Did wastes burning occur at the site?	No	
Is interim cover being applied to the site?	~~Yes~~	No
Is the property locked outside of posted hours? Is the gate and fence in good condition?	Yes	Gate is in good condition
Drainage conditions (e.g. ponded water).	~~No~~	Yes, small puddles. Minor.
Are surfacewater features obstructed?	No	
Are all ditches , swales, sediment control ponds, and rock check dams in working order?	Yes	

Is there evidence oof excessive erosion on the on-site road?	No	
Condition of the landfill cap? Is erosionof the cap occuring? Condition of vegetation?		Landfill cap in good condition, vegitation is not overgrown.
Are leachate springs evident anywhere on site?	No	
Have all monitoring wells been located? Do all wells have proper caps? Do any wells need repairs?	Yes	All wells located, select wells need new caps.
Are there seeps present?	No	
What is the condition of the methane venting system?	N/A	
Was waste observed outside of the approved fill area?	No	
were any unapproved wastes desposited or observed at the site?	No	
Are onsite structures in good condition?	Yes	
Methat monitoring in on site structures?	No, site closed	**Attendant Shed Vapour Monitoring:** Hex: — ME: — PID: —

All wells in fair to good condition

General Comments

Adam Inglis

Signature

Appendix H
Laboratory Certificates of Analyses

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured. Canadian owned.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108339

REPORT No: 24-016767 - 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-Jun-07
DATE REPORTED: 2024-Jun-25
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Escott WDS
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	16	OTTAWA	PCURIEL	2024-Jun-11	A-IC-01	SM 4110B
BOD5 (Liquid)	16	KINGSTON	JWOLFE2	2024-Jun-13	BOD-001	SM 5210B
COD (Liquid)	16	KINGSTON	EHINCH	2024-Jun-12	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	16	OTTAWA	SBOUDREAU	2024-Jun-11	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	16	OTTAWA	VKASYAN	2024-Jun-25	C-OC-01	EPA 415.2
ICP/MS (Liquid)	16	OTTAWA	TPRICE	2024-Jun-11	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	16	OTTAWA	NHOGAN	2024-Jun-10	D-ICP-01	SM 3120B
Mercury (Liquid)	16	OTTAWA	TBENNETT	2024-Jun-11	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	16	KINGSTON	KDIBBITS	2024-Jun-14	NH3-001	SM 4500NH3
Phenols (Liquid)	16	KINGSTON	JMACINNES	2024-Jun-24	PHEN-01	MECP E3179
TP & TKN (Liquid)	16	KINGSTON	KDIBBITS	2024-Jun-20	TPTKN-001	MECP E3516.2
TSS (Liquid)	16	KINGSTON	DCASSIDY	2024-Jun-18	TSS-001	SM 2540D
VOC-Volatiles Full (Water)	2	RICHMOND_HILL	FLENA	2024-Jun-15	C-VOC-02	EPA 8260

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Michelle Dubien
Data Specialist

	Client I.D.	24-W001	24-W002	24-W003	24-W004	24-W005
	Sample I.D.	24-016767-1	24-016767-2	24-016767-3	24-016767-4	24-016767-5
	Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
Parameter	Units R.L.	-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L 5	367	926	927	427	416
TDS (Calc. from Cond.)	mg/L 3	446	1030	1040	461	489
Conductivity @25°C	uS/cm 1	845	1870	1890	872	922
pH @25°C	pH units -	7.99	7.43	7.52	7.74	7.78
Chloride	mg/L 0.5	33.9	70.5	70.4	32.8	34.6
Nitrate (N)	mg/L 0.05	0.08	<0.05	<0.05	<0.05	<0.05
Nitrite (N)	mg/L 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L 1	50	80	80	32	33
BOD5	mg/L 3	<3	<3	<3	<3	<3
Total Suspended Solids	mg/L 3	38100	11	8	13800	24
Phosphorus (Total)	mg/L 0.01	7.20	0.04	0.03	9.83	0.05
Total Kjeldahl Nitrogen	mg/L 0.1	1.5	3.0	3.0	3.2	1.6
Ammonia (N)-Total (NH3+NH4)	mg/L 0.05	<0.05	2.91	2.91	1.13	1.44
Dissolved Organic Carbon	mg/L 0.2	2.9	8.2	8.4	5.2	5.1
Phenolics	mg/L 0.001	<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L 5	166	29	32	222	16
Hardness (as CaCO3)	mg/L 0.02	384	1010	1020	461	486
Aluminum	mg/L 0.01	0.05	0.11	0.09	0.06	0.08
Barium	mg/L 0.001	0.090	0.330	0.339	0.247	0.186
Boron	mg/L 0.005	0.011	0.681	0.681	0.384	0.422
Calcium	mg/L 0.02	95.3	240	245	118	124

Michelle Dubien
Data Specialist

			Client I.D.	24-W001	24-W002	24-W003	24-W004	24-W005
			Sample I.D.	24-016767-1	24-016767-2	24-016767-3	24-016767-4	24-016767-5
			Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
Parameter	Units	R.L.		-	-	-	-	-
Iron	mg/L	0.005		0.005	2.69	3.10	0.772	0.621
Magnesium	mg/L	0.02		35.4	100	99.1	40.5	42.8
Manganese	mg/L	0.001		0.001	3.11	3.18	0.394	0.532
Potassium	mg/L	0.1		0.7	5.2	5.2	4.7	4.6
Silicon	mg/L	0.01		10.2	13.8	13.7	9.41	9.39
Sodium	mg/L	0.2		7.8	72.8	72.3	24.0	25.0
Strontium	mg/L	0.001		0.295	1.18	1.18	1.62	1.52
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	0.005	0.006	<0.005	0.011
Antimony	mg/L	0.0001		0.0001	<0.0001	<0.0001	0.0003	0.0002
Arsenic	mg/L	0.0001		0.0004	0.0015	0.0015	0.0011	0.0008
Beryllium	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
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		0.0001	0.0114	0.0112	0.0008	0.0013
Copper	mg/L	0.0001		0.0015	0.0013	0.0008	0.0006	0.0011
Lead	mg/L	0.00002		<0.00002	0.00004	0.00004	0.00008	0.00023
Molybdenum	mg/L	0.0001		0.0007	0.0020	0.0020	0.0014	0.0013
Nickel	mg/L	0.0002		0.0005	0.0092	0.0090	0.0030	0.0030

Michelle Dubien
Data Specialist

			Client I.D.	24-W001	24-W002	24-W003	24-W004	24-W005
			Sample I.D.	24-016767-1	24-016767-2	24-016767-3	24-016767-4	24-016767-5
			Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
Parameter	**Units**	**R.L.**		-	-	-	-	-
Selenium	mg/L	0.001		<0.001	0.002	0.002	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	<0.00005	<0.00005	0.00006
Uranium	mg/L	0.00005		0.00163	0.0120	0.0113	0.0102	0.00926
Vanadium	mg/L	0.0001		0.0015	0.0003	0.0003	0.0006	0.0003
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002

Michelle Dubien
Data Specialist

Parameter	Units	R.L.	Client I.D.	24-W006	24-W007	24-W009	24-W011	24-W012
			Sample I.D.	24-016767-6	24-016767-7	24-016767-8	24-016767-9	24-016767-10
			Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
				-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		354	342	209	360	291
TDS (Calc. from Cond.)	mg/L	3		424	390	236	354	327
Conductivity @25°C	uS/cm	1		807	747	457	682	692
pH @25°C	pH units	-		7.86	7.77	7.94	8.15	7.84
Chloride	mg/L	0.5		27.4	13.3	3.4	2.6	20.0
Nitrate (N)	mg/L	0.05		<0.05	<0.05	<0.05	0.85	<0.05
Nitrite (N)	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1		46	22	31	14	25
BOD5	mg/L	3		<3	14	<3	<3	<3
Total Suspended Solids	mg/L	3		27	106000	76600	1670	<3
Phosphorus (Total)	mg/L	0.01		0.03	44.5	63.3	0.72	0.02
Total Kjeldahl Nitrogen	mg/L	0.1		0.2	39.4	4.1	0.2	0.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		0.07	9.41	0.14	<0.05	0.08
Dissolved Organic Carbon	mg/L	0.2		5.0	17.7	4.6	1.5	3.0
Phenolics	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5		13	1370	1250	34	10
Hardness (as CaCO3)	mg/L	0.02		442	374	245	381	334
Aluminum	mg/L	0.01		0.07	0.22	0.04	0.04	0.06
Barium	mg/L	0.001		0.160	0.274	0.291	0.138	0.061
Boron	mg/L	0.005		0.280	0.114	0.071	0.057	0.155
Calcium	mg/L	0.02		130	106	69.8	51.8	95.9

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			Client I.D.	24-W006	24-W007	24-W009	24-W011	24-W012
			Sample I.D.	24-016767-6	24-016767-7	24-016767-8	24-016767-9	24-016767-10
			Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
Parameter	Units	R.L.		-	-	-	-	-
Iron	mg/L	0.005		0.566	0.358	<0.005	0.006	0.283
Magnesium	mg/L	0.02		28.4	26.6	17.2	61.2	23.0
Manganese	mg/L	0.001		0.340	0.544	0.043	<0.001	0.177
Potassium	mg/L	0.1		3.0	4.4	2.0	2.6	3.0
Silicon	mg/L	0.01		9.00	8.80	9.75	7.83	6.72
Sodium	mg/L	0.2		15.6	12.8	6.2	20.2	10.1
Strontium	mg/L	0.001		3.06	1.46	0.661	1.07	1.55
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	0.011	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Antimony	mg/L	0.0001		<0.0001	0.0001	0.0012	<0.0001	<0.0001
Arsenic	mg/L	0.0001		0.0004	0.0015	0.0028	0.0005	0.0003
Beryllium	mg/L	0.0001		0.0002	<0.0001	0.0003	<0.0001	<0.0001
Cadmium	mg/L	0.000015		<0.000015	<0.000015	0.000604	<0.000015	<0.000015
Chromium	mg/L	0.001		<0.001	<0.001	<0.001	0.002	<0.001
Cobalt	mg/L	0.0001		0.0005	0.0026	0.0020	<0.0001	0.0005
Copper	mg/L	0.0001		0.0002	0.0011	0.0015	0.0008	0.0005
Lead	mg/L	0.00002		<0.00002	0.00030	0.00088	<0.00002	0.00006
Molybdenum	mg/L	0.0001		0.0011	0.0009	0.0028	0.0053	0.0008
Nickel	mg/L	0.0002		0.0018	0.0031	0.0065	0.0004	0.0015

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			Client I.D.	24-W006	24-W007	24-W009	24-W011	24-W012
			Sample I.D.	24-016767-6	24-016767-7	24-016767-8	24-016767-9	24-016767-10
			Date Collected	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
Parameter	**Units**	**R.L.**		-	-	-	-	-
Selenium	mg/L	0.001		<0.001	<0.001	0.001	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	0.0003	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	0.00079	<0.00005	<0.00005
Uranium	mg/L	0.00005		0.0216	0.0141	0.00135	0.00387	0.0144
Vanadium	mg/L	0.0001		0.0002	0.0025	0.0039	0.0018	0.0002
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002

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Parameter	Units	R.L.	Client I.D.	24-W013	24-W014	24-W015	24-W016	24-W017
			Sample I.D.	24-016767-11	24-016767-12	24-016767-13	24-016767-14	24-016767-15
			Date Collected	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07
				-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		258	166	382	297	337
TDS (Calc. from Cond.)	mg/L	3		245	175	370	293	364
Conductivity @25°C	uS/cm	1		473	341	712	565	700
pH @25°C	pH units	-		8.14	7.87	8.12	8.01	8.12
Chloride	mg/L	0.5		1.0	4.6	2.2	<0.5	21.9
Nitrate (N)	mg/L	0.05		<0.05	<0.05	<0.05	0.26	0.45
Nitrite (N)	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1		10	15	13	3	17
BOD5	mg/L	3		<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3		282	<3	2620	72	<3
Phosphorus (Total)	mg/L	0.01		0.23	0.02	2.41	0.07	0.02
Total Kjeldahl Nitrogen	mg/L	0.1		0.2	0.2	0.3	0.2	0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		<0.05	0.05	<0.05	<0.05	<0.05
Dissolved Organic Carbon	mg/L	0.2		1.9	2.0	2.2	2.1	2.0
Phenolics	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5		57	<5	71	10	<5
Hardness (as CaCO3)	mg/L	0.02		270	164	404	310	392
Aluminum	mg/L	0.01		0.03	0.04	0.06	0.04	0.05
Barium	mg/L	0.001		0.080	0.052	0.266	0.052	0.166
Boron	mg/L	0.005		0.010	0.114	0.032	0.006	0.021
Calcium	mg/L	0.02		65.5	48.0	66.6	74.2	91.8

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Parameter	Units	R.L.	Client I.D.	24-W013	24-W014	24-W015	24-W016	24-W017
			Sample I.D.	24-016767-11	24-016767-12	24-016767-13	24-016767-14	24-016767-15
			Date Collected	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07
				-	-	-	-	-
Iron	mg/L	0.005		<0.005	0.043	0.077	0.007	<0.005
Magnesium	mg/L	0.02		25.9	10.7	57.7	30.4	39.6
Manganese	mg/L	0.001		0.004	0.027	0.009	<0.001	<0.001
Potassium	mg/L	0.1		1.2	2.1	2.6	0.4	2.2
Silicon	mg/L	0.01		11.3	6.39	14.3	9.38	10.0
Sodium	mg/L	0.2		5.6	10.5	18.5	13.7	14.7
Strontium	mg/L	0.001		0.149	1.03	0.721	0.231	0.376
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005	0.005	<0.005	<0.005
Antimony	mg/L	0.0001		0.0003	<0.0001	0.0002	<0.0001	<0.0001
Arsenic	mg/L	0.0001		0.0004	0.0002	0.0015	0.0001	<0.0001
Beryllium	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
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		0.0001	<0.0001	0.0002	0.0001	0.0001
Copper	mg/L	0.0001		0.0008	0.0004	0.0011	0.0010	0.0044
Lead	mg/L	0.00002		<0.00002	<0.00002	0.00008	<0.00002	0.00024
Molybdenum	mg/L	0.0001		0.0012	0.0016	0.0027	0.0012	0.0014
Nickel	mg/L	0.0002		0.0004	<0.0002	0.0007	0.0002	0.0003

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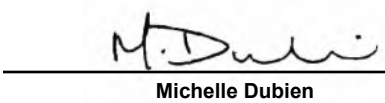
			Client I.D.	24-W013	24-W014	24-W015	24-W016	24-W017
			Sample I.D.	24-016767-11	24-016767-12	24-016767-13	24-016767-14	24-016767-15
			Date Collected	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07
Parameter	**Units**	**R.L.**		-	-	-	-	-
Selenium	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Uranium	mg/L	0.00005		0.00051	0.00538	0.00088	0.00108	0.00443
Vanadium	mg/L	0.0001		0.0026	0.0002	0.0006	0.0009	0.0003
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002



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			Client I.D.	24-W019
			Sample I.D.	24-016767-16
			Date Collected	2024-06-07
Parameter	Units	R.L.		-
Alkalinity(CaCO3) to pH4.5	mg/L	5		<5
TDS (Calc. from Cond.)	mg/L	3		<3
Conductivity @25°C	uS/cm	1		<1
pH @25°C	pH units	-		5.47
Chloride	mg/L	0.5		<0.5
Nitrate (N)	mg/L	0.05		<0.05
Nitrite (N)	mg/L	0.05		<0.05
Sulphate	mg/L	1		<1
BOD5	mg/L	3		<3
Total Suspended Solids	mg/L	3		<3
Phosphorus (Total)	mg/L	0.01		0.01
Total Kjeldahl Nitrogen	mg/L	0.1		<0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		<0.05
Dissolved Organic Carbon	mg/L	0.2		<0.2
Phenolics	mg/L	0.001		<0.001
COD	mg/L	5		<5
Hardness (as CaCO3)	mg/L	0.02		0.09
Aluminum	mg/L	0.01		<0.01
Barium	mg/L	0.001		<0.001
Boron	mg/L	0.005		<0.005
Calcium	mg/L	0.02		<0.02

Michelle Dubien
Data Specialist

			Client I.D.	24-W019
			Sample I.D.	24-016767-16
			Date Collected	2024-06-07
Parameter	Units	R.L.		-
Iron	mg/L	0.005		0.005
Magnesium	mg/L	0.02		<0.02
Manganese	mg/L	0.001		<0.001
Potassium	mg/L	0.1		<0.1
Silicon	mg/L	0.01		0.03
Sodium	mg/L	0.2		<0.2
Strontium	mg/L	0.001		<0.001
Tin	mg/L	0.05		<0.05
Titanium	mg/L	0.005		<0.005
Tungsten	mg/L	0.01		<0.01
Zinc	mg/L	0.005		<0.005
Antimony	mg/L	0.0001		<0.0001
Arsenic	mg/L	0.0001		<0.0001
Beryllium	mg/L	0.0001		<0.0001
Cadmium	mg/L	0.000015		<0.000015
Chromium	mg/L	0.001		<0.001
Cobalt	mg/L	0.0001		<0.0001
Copper	mg/L	0.0001		0.0011
Lead	mg/L	0.00002		<0.00002
Molybdenum	mg/L	0.0001		<0.0001
Nickel	mg/L	0.0002		<0.0002

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Data Specialist

			Client I.D.	24-W019
			Sample I.D.	24-016767-16
			Date Collected	2024-06-07
Parameter	Units	R.L.		-
Selenium	mg/L	0.001		<0.001
Silver	mg/L	0.0001		<0.0001
Thallium	mg/L	0.00005		<0.00005
Uranium	mg/L	0.00005		<0.00005
Vanadium	mg/L	0.0001		<0.0001
Mercury	mg/L	0.00002		<0.00002

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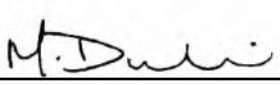
Parameter	Units	R.L.	Client I.D.	24-W002	24-W003
			Sample I.D.	24-016767-2	24-016767-3
			Date Collected	2024-06-06	2024-06-06
			-	-	-
Acetone	µg/L	30		<30	<30
Benzene	µg/L	0.5		<0.5	<0.5
Bromodichloromethane	µg/L	2		<2	<2
Bromoform	µg/L	5		<5	<5
Bromomethane	µg/L	0.5		<0.5	<0.5
Carbon Tetrachloride	µg/L	0.2		<0.2	<0.2
Chlorobenzene	µg/L	0.5		<0.5	<0.5
Chloroethane	µg/L	3		<3	<3
Chloroform	µg/L	1		<1	<1
Chloromethane (Methyl Chloride)	µg/L	2		<2	<2
Dibromochloromethane	µg/L	2		<2	<2
Ethylene Dibromide	µg/L	0.2		<0.2	<0.2
Dichlorobenzene,1,2-	µg/L	0.5		<0.5	<0.5
Dichlorobenzene,1,3-	µg/L	0.5		<0.5	<0.5
Dichlorobenzene,1,4-	µg/L	0.5		<0.5	<0.5
Dichlorodifluoromethane (Freon 12)	µg/L	2		<2	<2
Dichloroethane,1,1-	µg/L	0.5		<0.5	<0.5
Dichloroethane,1,2-	µg/L	0.5		<0.5	<0.5
Dichloroethylene,1,1-	µg/L	0.5		<0.5	<0.5
Dichloroethylene,1,2-cis-	µg/L	0.5		<0.5	<0.5
Dichloroethylene,1,2-cis+trans-	µg/L	0.7		<0.7	<0.7



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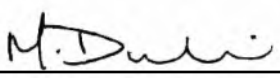
			Client I.D.	24-W002	24-W003
			Sample I.D.	24-016767-2	24-016767-3
			Date Collected	2024-06-06	2024-06-06
Parameter	Units	R.L.		-	-
Dichloroethylene,1,2-trans-	µg/L	0.5		<0.5	<0.5
Dichloropropane,1,2-	µg/L	0.5		<0.5	<0.5
Dichloropropene,1,3-cis-	µg/L	0.5		<0.5	<0.5
Dichloropropene,1,3-cis+trans- (Calculated)	µg/L	0.5		<0.5	<0.5
Dichloropropene,1,3-trans-	µg/L	0.5		<0.5	<0.5
Ethylbenzene	µg/L	0.5		<0.5	<0.5
Hexane	µg/L	5		<5	<5
Methyl Butyl Ketone	µg/L	5		<5	<5
Dichloromethane (Methylene Chloride)	µg/L	5		<5	<5
Methyl Ethyl Ketone	µg/L	2		<2	<2
Methyl Isobutyl Ketone	µg/L	20		<20	<20
Methyl tert-Butyl Ether (MTBE)	µg/L	2		<2	<2
Styrene	µg/L	0.5		<0.5	<0.5
Tetrachloroethane,1,1,1,2-	µg/L	0.5		<0.5	<0.5
Tetrachloroethane,1,1,2,2-	µg/L	0.5		<0.5	<0.5
Tetrachloroethylene	µg/L	0.5		<0.5	<0.5
Toluene	µg/L	0.5		1.2	1.1
Trichloroethane,1,1,1-	µg/L	0.5		<0.5	<0.5
Trichloroethane,1,1,2-	µg/L	0.5		<0.5	<0.5
Trichloroethylene	µg/L	0.5		<0.5	<0.5
Trichlorofluoromethane (Freon 11)	µg/L	5		<5	<5



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Data Specialist

			Client I.D.	24-W002	24-W003
			Sample I.D.	24-016767-2	24-016767-3
			Date Collected	2024-06-06	2024-06-06
Parameter	Units	R.L.		-	-
Trimethylbenzene,1,3,5-	µg/L	0.1		<0.1	<0.1
Vinyl Chloride	µg/L	0.2		<0.2	<0.2
Xylene, m,p-	µg/L	1		<1	<1
Xylene, m,p,o-	µg/L	1.1		<1.1	<1.1
Xylene, o-	µg/L	0.5		<0.5	<0.5

Sample 24-016767-8 filtered from unpreserved for metals analysis due to sediment present in metals bottle.

Michelle Dubien
Data Specialist

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured. Canadian owned.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108344 **REPORT No: 24-016774 - 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-Jun-07
DATE REPORTED: 2024-Jun-25
SAMPLE MATRIX: Surface Water

CUSTOMER PROJECT: Escott WDS
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	3	OTTAWA	PCURIEL	2024-Jun-11	A-IC-01	SM 4110B
BOD5 (Liquid)	3	KINGSTON	JWOLFE2	2024-Jun-13	BOD-001	SM 5210B
COD (Liquid)	3	KINGSTON	EHINCH	2024-Jun-12	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	3	OTTAWA	SBOUDREAU	2024-Jun-11	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	3	OTTAWA	VKASYAN	2024-Jun-11	C-OC-01	EPA 415.2
ICP/MS Total (Liquid)	3	OTTAWA	TPRICE	2024-Jun-11	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	3	OTTAWA	NHOGAN	2024-Jun-10	D-ICP-01	SM 3120B
ICP/OES (Liquid)	3	OTTAWA	APRUDYVUS	2024-Jun-12	D-ICP-01	SM 3120B
Mercury (Liquid) Lab Filtered	3	OTTAWA	TBENNETT	2024-Jun-12	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	3	KINGSTON	JYEARWOOD	2024-Jun-13	NH3-001	SM 4500NH3
Phenols (Liquid)	3	KINGSTON	JMACINNES	2024-Jun-24	PHEN-01	MECP E3179
TP & TKN (Liquid)	3	KINGSTON	KDIBBITS	2024-Jun-20	TPTKN-001	MECP E3516.2
TSS (Liquid)	3	KINGSTON	DCASSIDY	2024-Jun-18	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

Parameter	Units	R.L.	Client I.D.	24-W008	24-W010	24-W018
			Sample I.D.	24-016774-1	24-016774-2	24-016774-3
			Date Collected	2024-06-06	2024-06-06	2024-06-06
				-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		235	298	155
TDS (Calc. from Cond.)	mg/L	3		248	349	171
Conductivity @25°C	uS/cm	1		480	672	333
pH @25°C	pH units	-		7.82	7.89	7.54
Chloride	mg/L	0.5		11.0	18.8	8.1
Nitrate (N)	mg/L	0.05		0.11	1.55	0.25
Nitrite (N)	mg/L	0.05		<0.05	<0.05	<0.05
Sulphate	mg/L	1		5	37	11
BOD5	mg/L	3		3	<3	<3
Total Suspended Solids	mg/L	3		46	104	11
Phosphorus (Total)	mg/L	0.01		0.50	0.36	0.16
Total Kjeldahl Nitrogen	mg/L	0.1		2.1	1.1	1.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		0.19	0.09	0.14
Ammonia (N)-unionized	mg/L	0.01		<0.01	<0.01	<0.01
o-Phosphate (P)	mg/L	0.002		0.092	0.036	0.074
Dissolved Organic Carbon	mg/L	0.2		14.6	5.3	11.6
Phenolics	mg/L	0.001		0.003	<0.001	<0.001
COD	mg/L	5		93	63	51
Aluminum	mg/L	0.01		0.03	0.06	0.06
Hardness (as CaCO3)	mg/L	0.02		253	316	164
Barium (Total)	mg/L	0.001		0.084	0.144	0.057

Michelle Dubien
Data Specialist

			Client I.D.	24-W008	24-W010	24-W018
			Sample I.D.	24-016774-1	24-016774-2	24-016774-3
			Date Collected	2024-06-06	2024-06-06	2024-06-06
Parameter	**Units**	**R.L.**		-	-	-
Boron (Total)	mg/L	0.005		0.028	0.136	0.022
Calcium (Total)	mg/L	0.02		60.8	73.3	42.2
Iron (Total)	mg/L	0.005		3.16	5.23	0.814
Magnesium (Total)	mg/L	0.02		24.5	32.4	14.3
Manganese (Total)	mg/L	0.001		1.89	0.242	0.027
Potassium (Total)	mg/L	0.1		3.0	2.7	3.4
Silicon (Total)	mg/L	0.01		9.76	13.0	6.23
Sodium (Total)	mg/L	0.2		9.5	13.8	7.2
Zinc (Total)	mg/L	0.005		0.015	0.025	0.010
Arsenic (Total)	mg/L	0.0001		0.0012	0.0006	0.0005
Cadmium (Total)	mg/L	0.000015		0.000058	0.000075	0.000043
Chromium (Total)	mg/L	0.001		0.002	0.006	0.001
Cobalt (Total)	mg/L	0.0001		0.0023	0.0025	0.0005
Copper (Total)	mg/L	0.0001		0.0038	0.0053	0.0048
Lead (Total)	mg/L	0.00002		0.00051	0.00196	0.00036
Nickel (Total)	mg/L	0.0002		0.0035	0.0055	0.0021
Silver (Total)	mg/L	0.0001		<0.0001	<0.0001	<0.0001
Uranium (Total)	mg/L	0.00005		0.00262	0.0107	0.00314
Mercury (Filtered)	mg/L	0.00002		<0.00002	<0.00002	<0.00002
pH (Client Data)	pH units	-		6.86	6.80	8.20
Temperature (Client Data)	°C	-		20.35	16.09	19.20

Michelle Dubien
Data Specialist

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G 108443 **REPORT No: 24-019314 - 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-Jun-28
DATE REPORTED: 2024-Jul-10
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Escott WDS
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	1	OTTAWA	PCURIEL	2024-Jul-03	A-IC-01	SM 4110B
BOD5 (Liquid)	1	KINGSTON	DCASSIDY	2024-Jul-03	BOD-001	SM 5210B
COD (Liquid)	1	KINGSTON	EHINCH	2024-Jul-03	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	1	OTTAWA	SBOUDREAU	2024-Jul-02	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	1	OTTAWA	VKASYAN	2024-Jul-03	C-OC-01	EPA 415.2
ICP/MS (Liquid)	1	OTTAWA	TPRICE	2024-Jul-04	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	1	OTTAWA	AOZKAYMAK	2024-Jul-03	D-ICP-01	SM 3120B
Mercury (Liquid)	1	OTTAWA	TBENNETT	2024-Jul-04	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	1	KINGSTON	JYEARWOOD	2024-Jul-10	NH3-001	SM 4500NH3
Phenols (Liquid)	1	KINGSTON	JMACINNES	2024-Jul-03	PHEN-01	MECP E3179
TP & TKN (Liquid)	1	KINGSTON	KDIBBITS	2024-Jul-05	TPTKN-001	MECP E3516.2
TSS (Liquid)	1	KINGSTON	DCASSIDY	2024-Jul-03	TSS-001	SM 2540D
VOC-Volatiles Full (Water)	1	RICHMOND_HILL	FLENA	2024-Jul-05	C-VOC-02	EPA 8260

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Steve Garrett
Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	**Units**	**R.L.**	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	1220
Conductivity @25°C	uS/cm	1	2520
pH @25°C	pH units	-	7.51
Chloride	mg/L	0.5	158
Nitrate (N)	mg/L	0.05	<0.05
Nitrite (N)	mg/L	0.05	<0.05
Sulphate	mg/L	1	23
BOD5	mg/L	3	<3
Total Suspended Solids	mg/L	3	10100
Phosphorus (Total)	mg/L	0.01	7.38
Total Kjeldahl Nitrogen	mg/L	0.1	24.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	25.4
Dissolved Organic Carbon	mg/L	0.2	11.2
Phenolics	mg/L	0.001	<0.001
COD	mg/L	5	199
Hardness (as CaCO3)	mg/L	0.02	959
Aluminum	mg/L	0.01	0.08
Barium	mg/L	0.001	0.827
Boron	mg/L	0.005	2.80
Calcium	mg/L	0.02	219
Iron	mg/L	0.005	0.033

Steve Garrett

Director of Laboratory Services

			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Magnesium	mg/L	0.02		100
Manganese	mg/L	0.001		1.21
Potassium	mg/L	0.1		23.5
Silicon	mg/L	0.01		12.8
Sodium	mg/L	0.2		204
Strontium	mg/L	0.001		1.25
Tin	mg/L	0.05		<0.05
Titanium	mg/L	0.005		<0.005
Tungsten	mg/L	0.01		0.04
Zinc	mg/L	0.005		<0.005
Antimony	mg/L	0.0001		0.0003
Arsenic	mg/L	0.0001		0.0011
Beryllium	mg/L	0.0001		<0.0001
Cadmium	mg/L	0.000015		0.000048
Chromium	mg/L	0.001		<0.001
Cobalt	mg/L	0.0001		0.0088
Copper	mg/L	0.0001		0.0091
Lead	mg/L	0.00002		0.00012
Molybdenum	mg/L	0.0001		0.0030
Nickel	mg/L	0.0002		0.0401
Selenium	mg/L	0.001		0.002

Steve Garrett

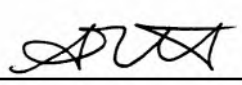
Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	Units	R.L.	-
Silver	mg/L	0.0001	<0.0001
Thallium	mg/L	0.00005	0.00006
Uranium	mg/L	0.00005	0.00841
Vanadium	mg/L	0.0001	0.0026
Mercury	mg/L	0.00002	<0.00002

Steve Garrett

Director of Laboratory Services

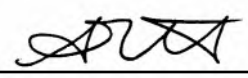
			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Acetone	µg/L	30		<30
Benzene	µg/L	0.5		<0.5
Bromodichloromethane	µg/L	2		<2
Bromoform	µg/L	5		<5
Bromomethane	µg/L	0.5		<0.5
Carbon Tetrachloride	µg/L	0.2		<0.2
Chlorobenzene	µg/L	0.5		<0.5
Chloroethane	µg/L	3		5
Chloroform	µg/L	1		<1
Chloromethane (Methyl Chloride)	µg/L	2		<2
Dibromochloromethane	µg/L	2		<2
Ethylene Dibromide	µg/L	0.2		<0.2
Dichlorobenzene,1,2-	µg/L	0.5		<0.5
Dichlorobenzene,1,3-	µg/L	0.5		<0.5
Dichlorobenzene,1,4-	µg/L	0.5		<0.5
Dichlorodifluoromethane (Freon 12)	µg/L	2		<2
Dichloroethane,1,1-	µg/L	0.5		1.8
Dichloroethane,1,2-	µg/L	0.5		<0.5
Dichloroethylene,1,1-	µg/L	0.5		<0.5
Dichloroethylene,1,2-cis-	µg/L	0.5		<0.5
Dichloroethylene,1,2-cis+trans-	µg/L	0.7		<0.7



Steve Garrett

Director of Laboratory Services

			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Dichloroethylene,1,2-trans-	µg/L	0.5		<0.5
Dichloropropane,1,2-	µg/L	0.5		<0.5
Dichloropropene,1,3-cis-	µg/L	0.5		<0.5
Dichloropropene,1,3-cis+trans- (Calculated)	µg/L	0.5		<0.5
Dichloropropene,1,3-trans-	µg/L	0.5		<0.5
Ethylbenzene	µg/L	0.5		<0.5
Hexane	µg/L	5		<5
Methyl Butyl Ketone	µg/L	5		<5
Dichloromethane (Methylene Chloride)	µg/L	5		<5
Methyl Ethyl Ketone	µg/L	2		<2
Methyl Isobutyl Ketone	µg/L	20		<20
Methyl tert-Butyl Ether (MTBE)	µg/L	2		<2
Styrene	µg/L	0.5		<0.5
Tetrachloroethane,1,1,1,2-	µg/L	0.5		<0.5
Tetrachloroethane,1,1,2,2-	µg/L	0.5		<0.5
Tetrachloroethylene	µg/L	0.5		<0.5
Toluene	µg/L	0.5		<0.5
Trichloroethane,1,1,1-	µg/L	0.5		<0.5
Trichloroethane,1,1,2-	µg/L	0.5		<0.5
Trichloroethylene	µg/L	0.5		<0.5
Trichlorofluoromethane (Freon 11)	µg/L	5		<5



Steve Garrett

Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	Units	R.L.	-
Trimethylbenzene,1,3,5-	µg/L	0.1	<0.1
Vinyl Chloride	µg/L	0.2	<0.2
Xylene, m,p-	µg/L	1	<1
Xylene, m,p,o-	µg/L	1.1	<1.1
Xylene, o-	µg/L	0.5	<0.5

Steve Garrett

Director of Laboratory Services

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G 108443 **REPORT No: 24-019314 - 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-Jun-28
DATE REPORTED: 2024-Jul-10
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Escott WDS
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	1	OTTAWA	PCURIEL	2024-Jul-03	A-IC-01	SM 4110B
BOD5 (Liquid)	1	KINGSTON	DCASSIDY	2024-Jul-03	BOD-001	SM 5210B
COD (Liquid)	1	KINGSTON	EHINCH	2024-Jul-03	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	1	OTTAWA	SBOUDREAU	2024-Jul-02	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	1	OTTAWA	VKASYAN	2024-Jul-03	C-OC-01	EPA 415.2
ICP/MS (Liquid)	1	OTTAWA	TPRICE	2024-Jul-04	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	1	OTTAWA	AOZKAYMAK	2024-Jul-03	D-ICP-01	SM 3120B
Mercury (Liquid)	1	OTTAWA	TBENNETT	2024-Jul-04	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	1	KINGSTON	JYEARWOOD	2024-Jul-10	NH3-001	SM 4500NH3
Phenols (Liquid)	1	KINGSTON	JMACINNES	2024-Jul-03	PHEN-01	MECP E3179
TP & TKN (Liquid)	1	KINGSTON	KDIBBITS	2024-Jul-05	TPTKN-001	MECP E3516.2
TSS (Liquid)	1	KINGSTON	DCASSIDY	2024-Jul-03	TSS-001	SM 2540D
VOC-Volatiles Full (Water)	1	RICHMOND_HILL	FLENA	2024-Jul-05	C-VOC-02	EPA 8260

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

Steve Garrett
Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	**Units**	**R.L.**	-
Alkalinity(CaCO3) to pH4.5	mg/L	5	1220
Conductivity @25°C	uS/cm	1	2520
pH @25°C	pH units	-	7.51
Chloride	mg/L	0.5	158
Nitrate (N)	mg/L	0.05	<0.05
Nitrite (N)	mg/L	0.05	<0.05
Sulphate	mg/L	1	23
BOD5	mg/L	3	<3
Total Suspended Solids	mg/L	3	10100
Phosphorus (Total)	mg/L	0.01	7.38
Total Kjeldahl Nitrogen	mg/L	0.1	24.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05	25.4
Dissolved Organic Carbon	mg/L	0.2	11.2
Phenolics	mg/L	0.001	<0.001
COD	mg/L	5	199
Hardness (as CaCO3)	mg/L	0.02	959
Aluminum	mg/L	0.01	0.08
Barium	mg/L	0.001	0.827
Boron	mg/L	0.005	2.80
Calcium	mg/L	0.02	219
Iron	mg/L	0.005	0.033

Steve Garrett

Director of Laboratory Services

			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Magnesium	mg/L	0.02		100
Manganese	mg/L	0.001		1.21
Potassium	mg/L	0.1		23.5
Silicon	mg/L	0.01		12.8
Sodium	mg/L	0.2		204
Strontium	mg/L	0.001		1.25
Tin	mg/L	0.05		<0.05
Titanium	mg/L	0.005		<0.005
Tungsten	mg/L	0.01		0.04
Zinc	mg/L	0.005		<0.005
Antimony	mg/L	0.0001		0.0003
Arsenic	mg/L	0.0001		0.0011
Beryllium	mg/L	0.0001		<0.0001
Cadmium	mg/L	0.000015		0.000048
Chromium	mg/L	0.001		<0.001
Cobalt	mg/L	0.0001		0.0088
Copper	mg/L	0.0001		0.0091
Lead	mg/L	0.00002		0.00012
Molybdenum	mg/L	0.0001		0.0030
Nickel	mg/L	0.0002		0.0401
Selenium	mg/L	0.001		0.002

Steve Garrett

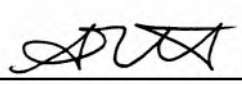
Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	Units	R.L.	-
Silver	mg/L	0.0001	<0.0001
Thallium	mg/L	0.00005	0.00006
Uranium	mg/L	0.00005	0.00841
Vanadium	mg/L	0.0001	0.0026
Mercury	mg/L	0.00002	<0.00002

Steve Garrett

Director of Laboratory Services

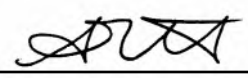
			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Acetone	µg/L	30		<30
Benzene	µg/L	0.5		<0.5
Bromodichloromethane	µg/L	2		<2
Bromoform	µg/L	5		<5
Bromomethane	µg/L	0.5		<0.5
Carbon Tetrachloride	µg/L	0.2		<0.2
Chlorobenzene	µg/L	0.5		<0.5
Chloroethane	µg/L	3		5
Chloroform	µg/L	1		<1
Chloromethane (Methyl Chloride)	µg/L	2		<2
Dibromochloromethane	µg/L	2		<2
Ethylene Dibromide	µg/L	0.2		<0.2
Dichlorobenzene,1,2-	µg/L	0.5		<0.5
Dichlorobenzene,1,3-	µg/L	0.5		<0.5
Dichlorobenzene,1,4-	µg/L	0.5		<0.5
Dichlorodifluoromethane (Freon 12)	µg/L	2		<2
Dichloroethane,1,1-	µg/L	0.5		1.8
Dichloroethane,1,2-	µg/L	0.5		<0.5
Dichloroethylene,1,1-	µg/L	0.5		<0.5
Dichloroethylene,1,2-cis-	µg/L	0.5		<0.5
Dichloroethylene,1,2-cis+trans-	µg/L	0.7		<0.7



Steve Garrett

Director of Laboratory Services

			Client I.D.	24-W020
			Sample I.D.	24-019314-1
			Date Collected	2024-06-28
Parameter	Units	R.L.		-
Dichloroethylene,1,2-trans-	µg/L	0.5		<0.5
Dichloropropane,1,2-	µg/L	0.5		<0.5
Dichloropropene,1,3-cis-	µg/L	0.5		<0.5
Dichloropropene,1,3-cis+trans- (Calculated)	µg/L	0.5		<0.5
Dichloropropene,1,3-trans-	µg/L	0.5		<0.5
Ethylbenzene	µg/L	0.5		<0.5
Hexane	µg/L	5		<5
Methyl Butyl Ketone	µg/L	5		<5
Dichloromethane (Methylene Chloride)	µg/L	5		<5
Methyl Ethyl Ketone	µg/L	2		<2
Methyl Isobutyl Ketone	µg/L	20		<20
Methyl tert-Butyl Ether (MTBE)	µg/L	2		<2
Styrene	µg/L	0.5		<0.5
Tetrachloroethane,1,1,1,2-	µg/L	0.5		<0.5
Tetrachloroethane,1,1,2,2-	µg/L	0.5		<0.5
Tetrachloroethylene	µg/L	0.5		<0.5
Toluene	µg/L	0.5		<0.5
Trichloroethane,1,1,1-	µg/L	0.5		<0.5
Trichloroethane,1,1,2-	µg/L	0.5		<0.5
Trichloroethylene	µg/L	0.5		<0.5
Trichlorofluoromethane (Freon 11)	µg/L	5		<5



Steve Garrett

Director of Laboratory Services

		Client I.D.	24-W020
		Sample I.D.	24-019314-1
		Date Collected	2024-06-28
Parameter	Units	R.L.	-
Trimethylbenzene,1,3,5-	µg/L	0.1	<0.1
Vinyl Chloride	µg/L	0.2	<0.2
Xylene, m,p-	µg/L	1	<1
Xylene, m,p,o-	µg/L	1.1	<1.1
Xylene, o-	µg/L	0.5	<0.5

Steve Garrett

Director of Laboratory Services

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured. Canadian owned.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G 107857/131088 **REPORT No: 24-032597 - 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-17
DATE REPORTED: 2024-Nov-04
SAMPLE MATRIX: Ground Water

CUSTOMER PROJECT: Escott WDS
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	17	OTTAWA	PCURIEL	2024-Oct-23	A-IC-01	SM 4110B
BOD5 (Liquid)	17	KINGSTON	DCASSIDY	2024-Oct-23	BOD-001	SM 5210B
COD (Liquid)	17	KINGSTON	EHINCH	2024-Oct-21	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	17	OTTAWA	SBOUDREAU	2024-Oct-23	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	17	OTTAWA	SLOZO	2024-Oct-31	C-OC-01	EPA 415.2
ICP/MS (Liquid)	17	OTTAWA	AOZKAYMAK	2024-Oct-22	D-ICPMS-01	EPA 200.8
ICP/OES (Liquid)	17	OTTAWA	APRUDYVUS	2024-Oct-22	D-ICP-01	SM 3120B
Mercury (Liquid)	17	OTTAWA	NHOGAN	2024-Oct-21	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	17	KINGSTON	KDIBBITS	2024-Oct-25	NH3-001	SM 4500NH3
Phenols (Liquid)	17	KINGSTON	EHINCH	2024-Oct-23	PHEN-01	MECP E3179
TP & TKN (Liquid)	17	KINGSTON	KDIBBITS	2024-Oct-22	TPTKN-001	MECP E3516.2
TSS (Liquid)	17	KINGSTON	MCLOSS	2024-Oct-18	TSS-001	SM 2540D
VOC-Volatiles Full (Water)	3	RICHMOND_HILL	FLENA	2024-Oct-26	C-VOC-02	EPA 8260

R.L. = Reporting Limit
NC = Not Calculated
Test methods may be modified from specified reference method unless indicated by an *

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Parameter	Units	R.L.	Client I.D.	24-W021	24-W022	24-W023	24-W024	24-W025
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3	24-032597-4	24-032597-5
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
				-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		1200	1190	977	354	452
TDS (Calc. from Cond.)	mg/L	3		1420	1430	1110	441	542
Conductivity @25°C	uS/cm	1		2560	2580	2020	836	1020
pH @25°C	pH units	-		7.41	7.48	7.50	7.92	7.74
Chloride	mg/L	0.5		139	142	67.2	26.3	37.3
Nitrate (N)	mg/L	0.05		<0.40	<0.40	<0.40	0.11	<0.05
Nitrite (N)	mg/L	0.05		<0.40	<0.40	<0.40	<0.05	<0.05
Sulphate	mg/L	1		20	20	69	47	30
BOD5	mg/L	3		<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3		2240	1620	10	50500	106
Phosphorus (Total)	mg/L	0.01		2.95	2.87	0.03	10.8	0.09
Total Kjeldahl Nitrogen	mg/L	0.1		21.3	20.8	3.1	1.4	1.5
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		17.4	17.1	3.13	<0.05	1.32
Dissolved Organic Carbon	mg/L	0.2				16.0	4.4	7.7
		0.8		20.9	27.3			
Phenolics	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5		146	160	36	159	30
Hardness (as CaCO3)	mg/L	0.02		1030	1030	1050	403	516
Aluminum	mg/L	0.01		0.06	0.07	0.07	0.03	0.04
Barium	mg/L	0.001		0.755	0.748	0.346	0.100	0.194
Boron	mg/L	0.005		3.52	3.52	0.694	0.018	0.392

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			Client I.D.	24-W021	24-W022	24-W023	24-W024	24-W025
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3	24-032597-4	24-032597-5
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
Parameter	**Units**	**R.L.**		-	-	-	-	-
Calcium	mg/L	0.02		227	226	244	97.5	130
Iron	mg/L	0.005		1.26	1.27	3.35	0.017	0.669
Magnesium	mg/L	0.02		113	113	107	38.8	46.4
Manganese	mg/L	0.001		1.40	1.38	3.12	0.002	0.538
Potassium	mg/L	0.1		16.3	16.4	5.6	1.1	4.8
Silicon	mg/L	0.01		11.6	11.6	11.7	10.4	7.72
Sodium	mg/L	0.2		198	197	76.6	9.4	25.3
Strontium	mg/L	0.001		1.12	1.12	1.24	0.315	1.71
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	0.008
Antimony	mg/L	0.0001		0.0001	0.0001	0.0001	0.0003	<0.0001
Arsenic	mg/L	0.0001		0.0055	0.0055	0.0014	0.0003	0.0007
Beryllium	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
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		0.0085	0.0083	0.0101	0.0001	0.0012
Copper	mg/L	0.0001		0.0017	0.0017	0.0011	0.0013	0.0008
Lead	mg/L	0.00002		0.00007	0.00007	<0.00004	0.00002	0.00023
Molybdenum	mg/L	0.0001		0.0019	0.0018	0.0019	0.0008	0.0012

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			Client I.D.	24-W021	24-W022	24-W023	24-W024	24-W025
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3	24-032597-4	24-032597-5
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
Parameter	**Units**	**R.L.**		-	-	-	-	-
Nickel	mg/L	0.0002		0.0389	0.0384	0.0096	0.0005	0.0032
Selenium	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	<0.00005	<0.00005	0.00006
Uranium	mg/L	0.00005		0.00870	0.00850	0.0123	0.00151	0.0115
Vanadium	mg/L	0.0001		0.0010	0.0010	0.0003	0.0017	0.0003
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002

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Parameter	Units	R.L.	Client I.D.	24-W026	24-W027	24-W028	24-W029	24-W030
			Sample I.D.	24-032597-6	24-032597-7	24-032597-8	24-032597-9	24-032597-10
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
				-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		414	318	447	201	357
TDS (Calc. from Cond.)	mg/L	3		493	388	519	238	358
Conductivity @25°C	uS/cm	1		929	743	975	460	689
pH @25°C	pH units	-		7.79	7.90	7.83	8.15	8.23
Chloride	mg/L	0.5		32.5	17.4	33.9	3.9	3.4
Nitrate (N)	mg/L	0.05		<0.05	<0.05	<0.05	0.11	0.71
Nitrite (N)	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1		28	44	38	29	10
BOD5	mg/L	3		<3	6	<3	6	<3
Total Suspended Solids	mg/L	3		12500	35500	33	120000	980
Phosphorus (Total)	mg/L	0.01		6.75	25.1	0.54	50.8	0.51
Total Kjeldahl Nitrogen	mg/L	0.1		3.5	10.0	0.1	23.6	0.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		1.09	0.33	0.10	0.11	0.07
Dissolved Organic Carbon	mg/L	0.2		6.7	4.0	6.5	2.5	2.6
Phenolics	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5		168	306	16	653	31
Hardness (as CaCO3)	mg/L	0.02		469	366	498	229	361
Aluminum	mg/L	0.01		0.04	0.03	0.04	0.02	0.02
Barium	mg/L	0.001		0.217	0.211	0.188	0.189	0.148
Boron	mg/L	0.005		0.338	0.206	0.347	0.069	0.068
Calcium	mg/L	0.02		119	105	138	64.1	48.4

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			Client I.D.	24-W026	24-W027	24-W028	24-W029	24-W030
			Sample I.D.	24-032597-6	24-032597-7	24-032597-8	24-032597-9	24-032597-10
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-	-	-	-
Iron	mg/L	0.005		1.48	0.030	1.02	0.007	0.015
Magnesium	mg/L	0.02		41.5	25.0	37.4	16.8	58.3
Manganese	mg/L	0.001		0.383	0.268	0.370	0.002	0.003
Potassium	mg/L	0.1		4.8	2.9	4.0	1.9	3.1
Silicon	mg/L	0.01		7.91	7.26	8.42	9.65	7.02
Sodium	mg/L	0.2		23.2	15.7	20.2	6.3	20.4
Strontium	mg/L	0.001		1.70	1.90	3.77	0.618	1.06
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005	0.006	<0.005	<0.005
Antimony	mg/L	0.0001		0.0001	<0.0001	<0.0001	<0.0001	0.0002
Arsenic	mg/L	0.0001		0.0011	0.0006	0.0006	0.0008	0.0006
Beryllium	mg/L	0.0001		<0.0001	<0.0001	0.0002	<0.0001	<0.0001
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		0.0007	0.0009	0.0006	<0.0001	<0.0001
Copper	mg/L	0.0001		0.0024	0.0005	0.0016	0.0009	0.0006
Lead	mg/L	0.00002		0.00013	<0.00002	0.00006	<0.00002	<0.00002
Molybdenum	mg/L	0.0001		0.0016	0.0015	0.0009	0.0010	0.0055
Nickel	mg/L	0.0002		0.0026	0.0022	0.0026	0.0004	0.0005

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Parameter	Units	R.L.	Client I.D.	24-W026	24-W027	24-W028	24-W029	24-W030
			Sample I.D.	24-032597-6	24-032597-7	24-032597-8	24-032597-9	24-032597-10
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
				-	-	-	-	-
Selenium	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Uranium	mg/L	0.00005		0.00999	0.0214	0.0217	0.00010	0.00418
Vanadium	mg/L	0.0001		0.0002	0.0008	0.0002	0.0004	0.0021
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002

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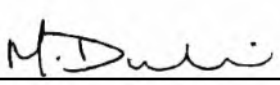
Parameter	Units	R.L.	Client I.D.	24-W031	24-W032	24-W033	24-W034	24-W035
			Sample I.D.	24-032597-11	24-032597-12	24-032597-13	24-032597-14	24-032597-15
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
				-	-	-	-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		244	278	163	379	309
TDS (Calc. from Cond.)	mg/L	3		250	331	188	377	304
Conductivity @25°C	uS/cm	1		483	637	365	723	586
pH @25°C	pH units	-		8.15	8.02	8.16	8.17	8.01
Chloride	mg/L	0.5		2.3	18.2	5.4	3.6	1.7
Nitrate (N)	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	0.23
Nitrite (N)	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/L	1		9	23	13	12	3
BOD5	mg/L	3		<3	<3	<3	<3	<3
Total Suspended Solids	mg/L	3		270	25500	5	4040	195
Phosphorus (Total)	mg/L	0.01		0.20	7.08	0.11	2.11	0.12
Total Kjeldahl Nitrogen	mg/L	0.1		0.2	1.2	0.2	0.4	0.3
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		<0.05	0.13	<0.05	0.07	<0.05
Dissolved Organic Carbon	mg/L	0.2		2.0	3.8	2.5	3.2	3.1
Phenolics	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
COD	mg/L	5		25	142	9	62	21
Hardness (as CaCO3)	mg/L	0.02		255	317	176	385	301
Aluminum	mg/L	0.01		0.02	0.03	0.02	0.02	0.03
Barium	mg/L	0.001		0.082	0.066	0.055	0.250	0.053
Boron	mg/L	0.005		0.012	0.149	0.105	0.031	0.009
Calcium	mg/L	0.02		61.6	90.3	51.1	65.7	72.0



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			Client I.D.	24-W031	24-W032	24-W033	24-W034	24-W035
			Sample I.D.	24-032597-11	24-032597-12	24-032597-13	24-032597-14	24-032597-15
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-	-	-	-
Iron	mg/L	0.005		0.008	0.152	0.033	0.007	<0.005
Magnesium	mg/L	0.02		24.7	22.2	11.6	53.7	29.4
Manganese	mg/L	0.001		0.010	0.102	0.023	0.014	<0.001
Potassium	mg/L	0.1		1.5	3.3	2.6	2.8	0.4
Silicon	mg/L	0.01		9.86	5.57	5.69	11.5	8.15
Sodium	mg/L	0.2		5.7	10.0	9.4	18.0	15.6
Strontium	mg/L	0.001		0.144	1.50	1.14	0.652	0.235
Tin	mg/L	0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Antimony	mg/L	0.0001		0.0001	0.0001	<0.0001	<0.0001	0.0001
Arsenic	mg/L	0.0001		0.0004	0.0008	0.0004	0.0014	0.0001
Beryllium	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
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		0.0001	0.0004	<0.0001	0.0001	<0.0001
Copper	mg/L	0.0001		0.0020	0.0008	0.0005	0.0005	0.0009
Lead	mg/L	0.00002		0.00006	0.00007	<0.00002	0.00003	<0.00002
Molybdenum	mg/L	0.0001		0.0013	0.0009	0.0014	0.0033	0.0012
Nickel	mg/L	0.0002		0.0007	0.0019	0.0004	0.0009	0.0006

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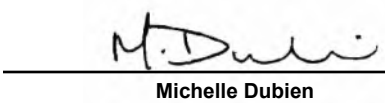
			Client I.D.	24-W031	24-W032	24-W033	24-W034	24-W035
			Sample I.D.	24-032597-11	24-032597-12	24-032597-13	24-032597-14	24-032597-15
			Date Collected	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-10-17
Parameter	**Units**	**R.L.**		-	-	-	-	-
Selenium	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Uranium	mg/L	0.00005		0.00042	0.0146	0.00584	0.00120	0.00119
Vanadium	mg/L	0.0001		0.0014	0.0003	0.0003	0.0005	0.0010
Mercury	mg/L	0.00002		<0.00002	<0.00002	<0.00002	<0.00002	<0.00002



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			Client I.D.	24-W036	24-W038
			Sample I.D.	24-032597-16	24-032597-17
			Date Collected	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-
Alkalinity(CaCO3) to pH4.5	mg/L	5		327	<5
TDS (Calc. from Cond.)	mg/L	3		361	<3
Conductivity @25°C	uS/cm	1		695	<1
pH @25°C	pH units	-		8.13	6.06
Chloride	mg/L	0.5		18.9	<0.5
Nitrate (N)	mg/L	0.05		0.41	<0.05
Nitrite (N)	mg/L	0.05		<0.05	<0.05
Sulphate	mg/L	1		14	<1
BOD5	mg/L	3		<3	<3
Total Suspended Solids	mg/L	3		<3	<3
Phosphorus (Total)	mg/L	0.01		0.02	0.01
Total Kjeldahl Nitrogen	mg/L	0.1		0.1	<0.1
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		<0.05	<0.05
Dissolved Organic Carbon	mg/L	0.2		3.0	0.3
Phenolics	mg/L	0.001		<0.001	<0.001
COD	mg/L	5		6	<5
Hardness (as CaCO3)	mg/L	0.02		363	0.04
Aluminum	mg/L	0.01		0.02	<0.01
Barium	mg/L	0.001		0.155	<0.001
Boron	mg/L	0.005		0.019	<0.005
Calcium	mg/L	0.02		83.0	<0.02

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			Client I.D.	24-W036	24-W038
			Sample I.D.	24-032597-16	24-032597-17
			Date Collected	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-
Iron	mg/L	0.005		<0.005	<0.005
Magnesium	mg/L	0.02		37.7	<0.02
Manganese	mg/L	0.001		<0.001	<0.001
Potassium	mg/L	0.1		2.3	<0.1
Silicon	mg/L	0.01		8.18	0.01
Sodium	mg/L	0.2		13.9	<0.2
Strontium	mg/L	0.001		0.354	<0.001
Tin	mg/L	0.05		<0.05	<0.05
Titanium	mg/L	0.005		<0.005	<0.005
Tungsten	mg/L	0.01		<0.01	<0.01
Zinc	mg/L	0.005		<0.005	<0.005
Antimony	mg/L	0.0001		0.0001	0.0001
Arsenic	mg/L	0.0001		<0.0001	<0.0001
Beryllium	mg/L	0.0001		<0.0001	<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		0.0001	<0.0001
Copper	mg/L	0.0001		0.0013	<0.0001
Lead	mg/L	0.00002		<0.00002	<0.00002
Molybdenum	mg/L	0.0001		0.0015	<0.0001
Nickel	mg/L	0.0002		0.0006	<0.0002

Michelle Dubien
Data Specialist

			Client I.D.	24-W036	24-W038
			Sample I.D.	24-032597-16	24-032597-17
			Date Collected	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-
Selenium	mg/L	0.001		<0.001	<0.001
Silver	mg/L	0.0001		<0.0001	<0.0001
Thallium	mg/L	0.00005		<0.00005	<0.00005
Uranium	mg/L	0.00005		0.00450	<0.00005
Vanadium	mg/L	0.0001		0.0003	<0.0001
Mercury	mg/L	0.00002		<0.00002	<0.00002

Michelle Dubien
Data Specialist

			Client I.D.	24-W021	24-W022	24-W023
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3
			Date Collected	2024-10-17	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-	-
Acetone	µg/L	30		<30	<30	<30
Benzene	µg/L	0.5		1.2	1.1	<0.5
Bromodichloromethane	µg/L	2		<2	<2	<2
Bromoform	µg/L	5		<5	<5	<5
Bromomethane	µg/L	0.5		<0.5	<0.5	<0.5
Carbon Tetrachloride	µg/L	0.2		<0.2	<0.2	<0.2
Chlorobenzene	µg/L	0.5		<0.5	<0.5	<0.5
Chloroethane	µg/L	3		7	7	<3
Chloroform	µg/L	1		<1	<1	<1
Chloromethane (Methyl Chloride)	µg/L	2		<2	<2	<2
Dibromochloromethane	µg/L	2		<2	<2	<2
Ethylene Dibromide	µg/L	0.2		<0.2	<0.2	<0.2
Dichlorobenzene,1,2-	µg/L	0.5		<0.5	<0.5	<0.5
Dichlorobenzene,1,3-	µg/L	0.5		<0.5	<0.5	<0.5
Dichlorobenzene,1,4-	µg/L	0.5		<0.5	<0.5	<0.5
Dichlorodifluoromethane (Freon 12)	µg/L	2		<2	<2	<2
Dichloroethane,1,1-	µg/L	0.5		1.7	1.7	<0.5
Dichloroethane,1,2-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloroethylene,1,1-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloroethylene,1,2-cis-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloroethylene,1,2-cis+trans-	µg/L	0.7		<0.7	<0.7	<0.7

Michelle Dubien
Data Specialist

			Client I.D.	24-W021	24-W022	24-W023
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3
			Date Collected	2024-10-17	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-	-
Dichloroethylene,1,2-trans-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloropropane,1,2-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloropropene,1,3-cis-	µg/L	0.5		<0.5	<0.5	<0.5
Dichloropropene,1,3-cis+trans- (Calculated)	µg/L	0.5		<0.5	<0.5	<0.5
Dichloropropene,1,3-trans-	µg/L	0.5		<0.5	<0.5	<0.5
Ethylbenzene	µg/L	0.5		<0.5	<0.5	<0.5
Hexane	µg/L	5		<5	<5	<5
Methyl Butyl Ketone	µg/L	5		<5	<5	<5
Dichloromethane (Methylene Chloride)	µg/L	5		<5	<5	<5
Methyl Ethyl Ketone	µg/L	2		<2	<2	<2
Methyl Isobutyl Ketone	µg/L	20		<20	<20	<20
Methyl tert-Butyl Ether (MTBE)	µg/L	2		<2	<2	<2
Styrene	µg/L	0.5		<0.5	<0.5	<0.5
Tetrachloroethane,1,1,1,2-	µg/L	0.5		<0.5	<0.5	<0.5
Tetrachloroethane,1,1,2,2-	µg/L	0.5		<0.5	<0.5	<0.5
Tetrachloroethylene	µg/L	0.5		<0.5	<0.5	<0.5
Toluene	µg/L	0.5		<0.5	<0.5	<0.5
Trichloroethane,1,1,1-	µg/L	0.5		<0.5	<0.5	<0.5
Trichloroethane,1,1,2-	µg/L	0.5		<0.5	<0.5	<0.5
Trichloroethylene	µg/L	0.5		<0.5	<0.5	<0.5
Trichlorofluoromethane (Freon 11)	µg/L	5		<5	<5	<5

Michelle Dubien
Data Specialist

			Client I.D.	24-W021	24-W022	24-W023
			Sample I.D.	24-032597-1	24-032597-2	24-032597-3
			Date Collected	2024-10-17	2024-10-17	2024-10-17
Parameter	Units	R.L.		-	-	-
Trimethylbenzene,1,3,5-	µg/L	0.1		<0.1	<0.1	<0.1
Vinyl Chloride	µg/L	0.2		<0.2	<0.2	<0.2
Xylene, m,p-	µg/L	1		<1	<1	<1
Xylene, m,p,o-	µg/L	1.1		<1.1	<1.1	<1.1
Xylene, o-	µg/L	0.5		<0.5	<0.5	<0.5

Elevated RLs due to sample matrix interferences

Michelle Dubien
Data Specialist

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured. Canadian owned.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G 131086

REPORT No: 24-032602 - 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-17
DATE REPORTED: 2024-Nov-02
SAMPLE MATRIX: Surface Water

CUSTOMER PROJECT: 1038
P.O. NUMBER: 1038

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)	1	OTTAWA	PCURIEL	2024-Oct-22	A-IC-01	SM 4110B
BOD5 (Liquid)	1	KINGSTON	JWOLFE2	2024-Oct-24	BOD-001	SM 5210B
COD (Liquid)	1	KINGSTON	EHINCH	2024-Oct-21	COD-001	SM 5220D
Cond/pH/Alk Auto (Liquid)	1	OTTAWA	SBOUDREAU	2024-Oct-21	COND-02/PH-02/ALK-02	SM 2510B/4500H/2320B
DOC/DIC (Liquid)	1	OTTAWA	SLOZO	2024-Oct-31	C-OC-01	EPA 415.2
ICP/MS Total (Liquid)	1	OTTAWA	AOZKAYMAK	2024-Oct-22	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)	1	OTTAWA	APRUDYVUS	2024-Oct-22	D-ICP-01	SM 3120B
ICP/OES (Liquid)	1	OTTAWA	NHOGAN	2024-Oct-22	D-ICP-01	SM 3120B
Mercury (Liquid) Lab Filtered	1	OTTAWA	TBENNETT	2024-Oct-24	D-HG-02	SM 3112B
Ammonia & o-Phosphate (Liquid)	1	KINGSTON	JYEARWOOD	2024-Oct-22	NH3-001	SM 4500NH3
Phenols (Liquid)	1	KINGSTON	EHINCH	2024-Oct-23	PHEN-01	MECP E3179
TP & TKN (Liquid)	1	KINGSTON	KDIBBITS	2024-Oct-23	TPTKN-001	MECP E3516.2
TSS (Liquid)	1	KINGSTON	MCLOSS	2024-Oct-21	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

			Client I.D.	24-W037
			Sample I.D.	24-032602-1
			Date Collected	2024-10-17
Parameter	Units	R.L.		-
Alkalinity(CaCO3) to pH4.5	mg/L	5		282
TDS (Calc. from Cond.)	mg/L	3		302
Conductivity @25°C	uS/cm	1		583
pH @25°C	pH units	-		7.93
Chloride	mg/L	0.5		10.1
Nitrate (N)	mg/L	0.05		0.31
Nitrite (N)	mg/L	0.05		<0.05
Sulphate	mg/L	1		15
BOD5	mg/L	3		<3
Total Suspended Solids	mg/L	3		80
Phosphorus (Total)	mg/L	0.01		0.20
Total Kjeldahl Nitrogen	mg/L	0.1		1.2
Ammonia (N)-Total (NH3+NH4)	mg/L	0.05		0.13
Ammonia (N)-unionized	mg/L	0.01		<0.01
o-Phosphate (P)	mg/L	0.002		0.178
Dissolved Organic Carbon	mg/L	0.2		16.2
Phenolics	mg/L	0.001		<0.001
COD	mg/L	5		92
Aluminum	mg/L	0.01		0.06
Hardness (as CaCO3)	mg/L	0.02		338
Barium (Total)	mg/L	0.001		0.162

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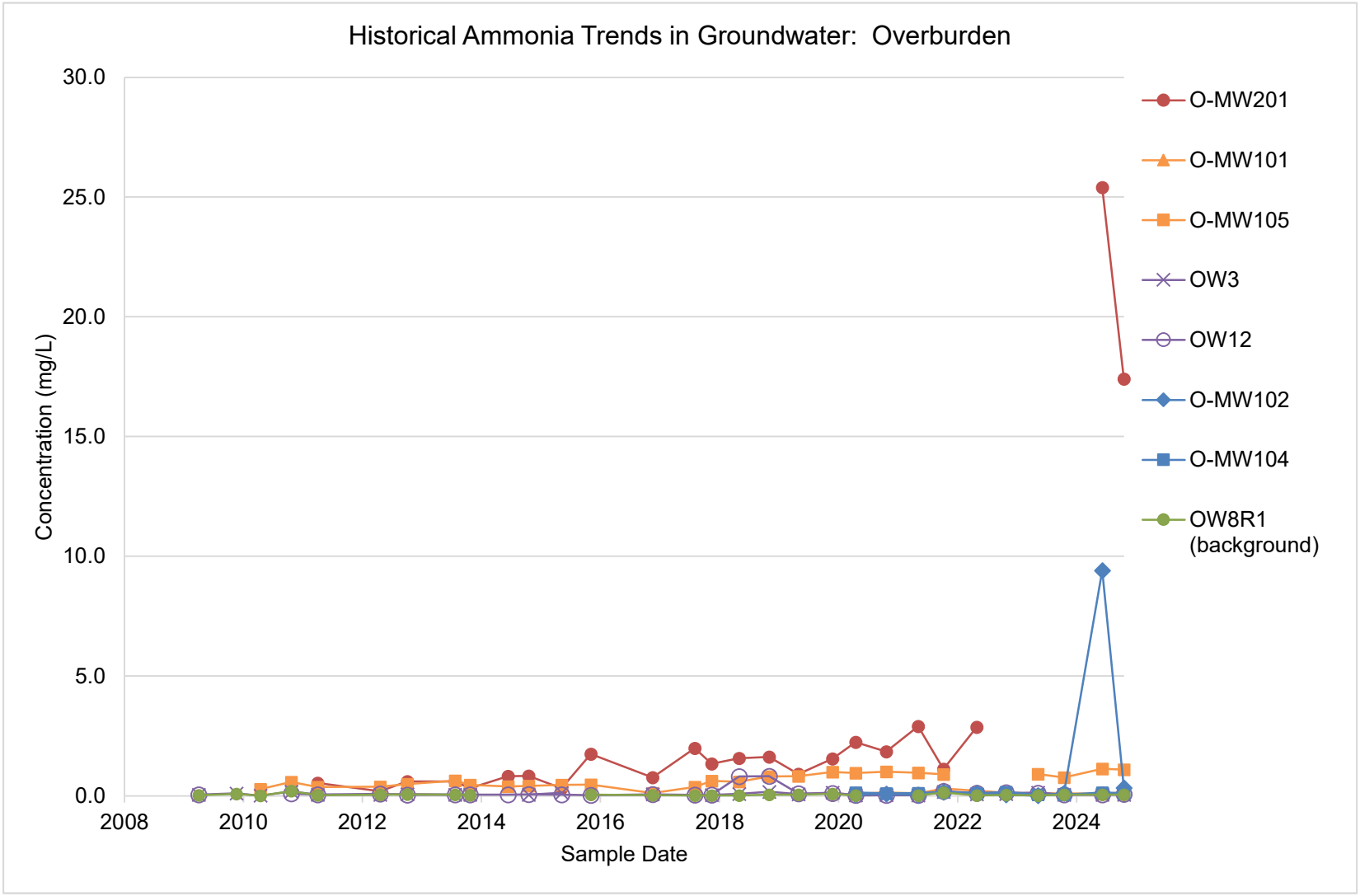
Data Specialist

			Client I.D.	24-W037
			Sample I.D.	24-032602-1
			Date Collected	2024-10-17
Parameter	Units	R.L.		-
Boron (Total)	mg/L	0.005		0.029
Calcium (Total)	mg/L	0.02		85.5
Iron (Total)	mg/L	0.005		8.74
Magnesium (Total)	mg/L	0.02		30.3
Manganese (Total)	mg/L	0.001		0.234
Potassium (Total)	mg/L	0.1		3.7
Silicon (Total)	mg/L	0.01		13.2
Sodium (Total)	mg/L	0.2		11.7
Zinc (Total)	mg/L	0.005		0.025
Arsenic (Total)	mg/L	0.0001		0.0009
Cadmium (Total)	mg/L	0.000015		0.000058
Chromium (Total)	mg/L	0.001		0.008
Cobalt (Total)	mg/L	0.0001		0.0031
Copper (Total)	mg/L	0.0001		0.0072
Lead (Total)	mg/L	0.00002		0.00166
Nickel (Total)	mg/L	0.0002		0.0084
Silver (Total)	mg/L	0.0001		<0.0001
Uranium (Total)	mg/L	0.00005		0.00431
Mercury (Filtered)	mg/L	0.00002		<0.00002
pH (Client Data)	pH units	-		7.26
Temperature (Client Data)	°C	-		14.73

Michelle Dubien
Data Specialist

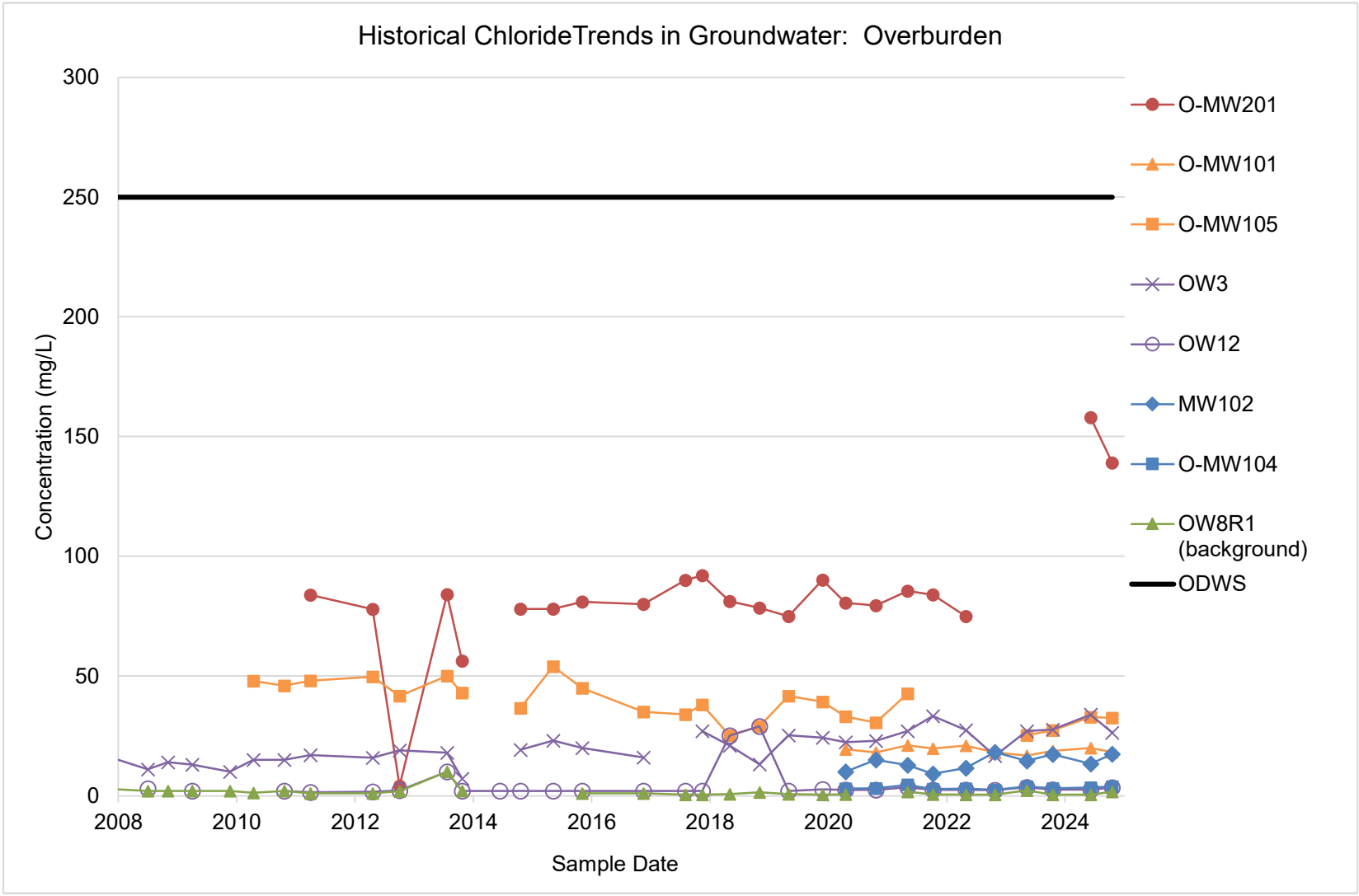
Appendix I
Historical Analyses and Trends



Notes:

- all data prior to and including 2016 was provided by the Township of Leeds and Thousand Islands.
- lines connect consecutive data points
- when result was less than MDL, MDL value was plotted
- trend graphs provided as an interpretive tool only. Refer to the summary tables for results.

Data Input: RF
Data Check: PRK



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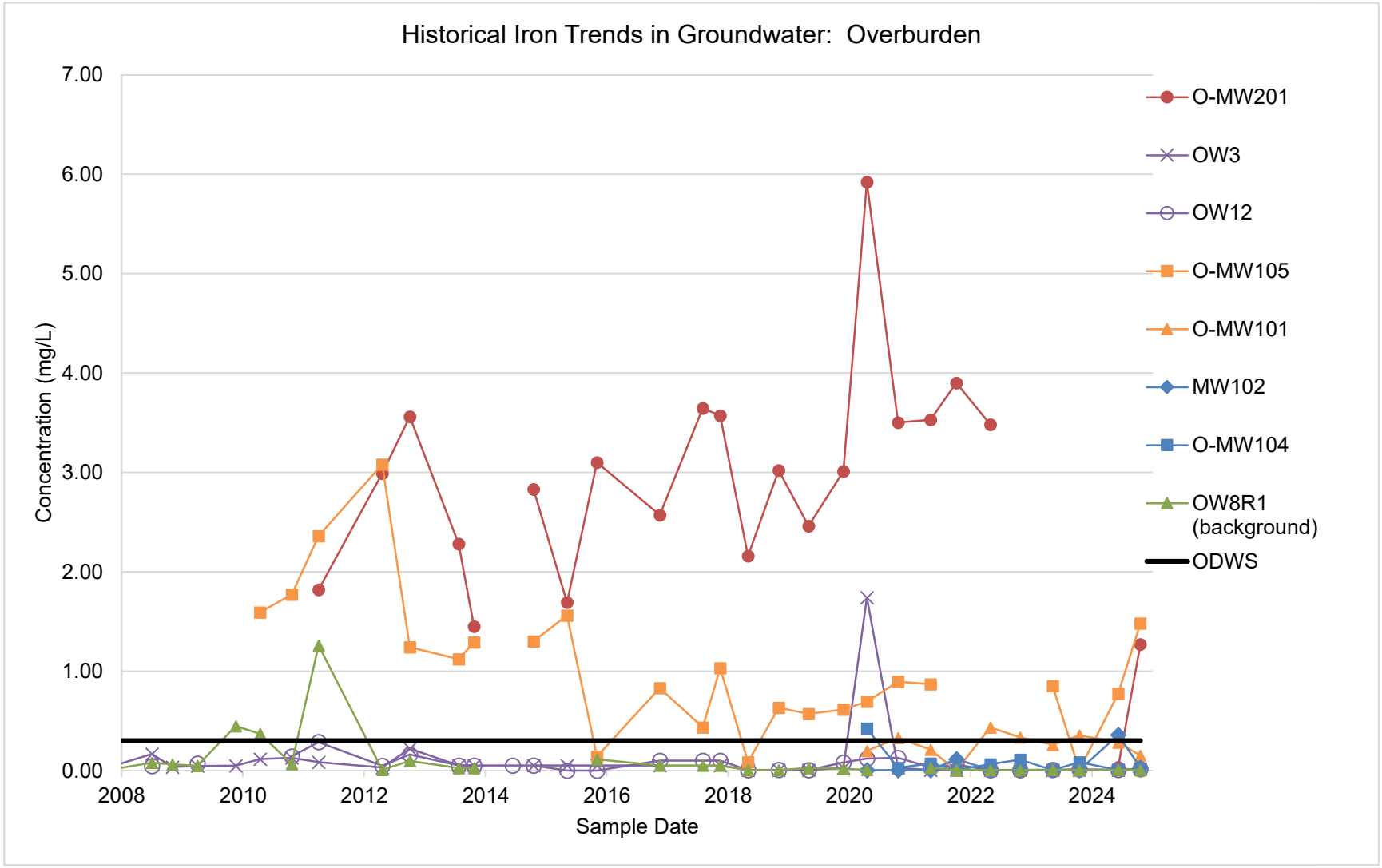
Data Input: RF
Data Check: PRK



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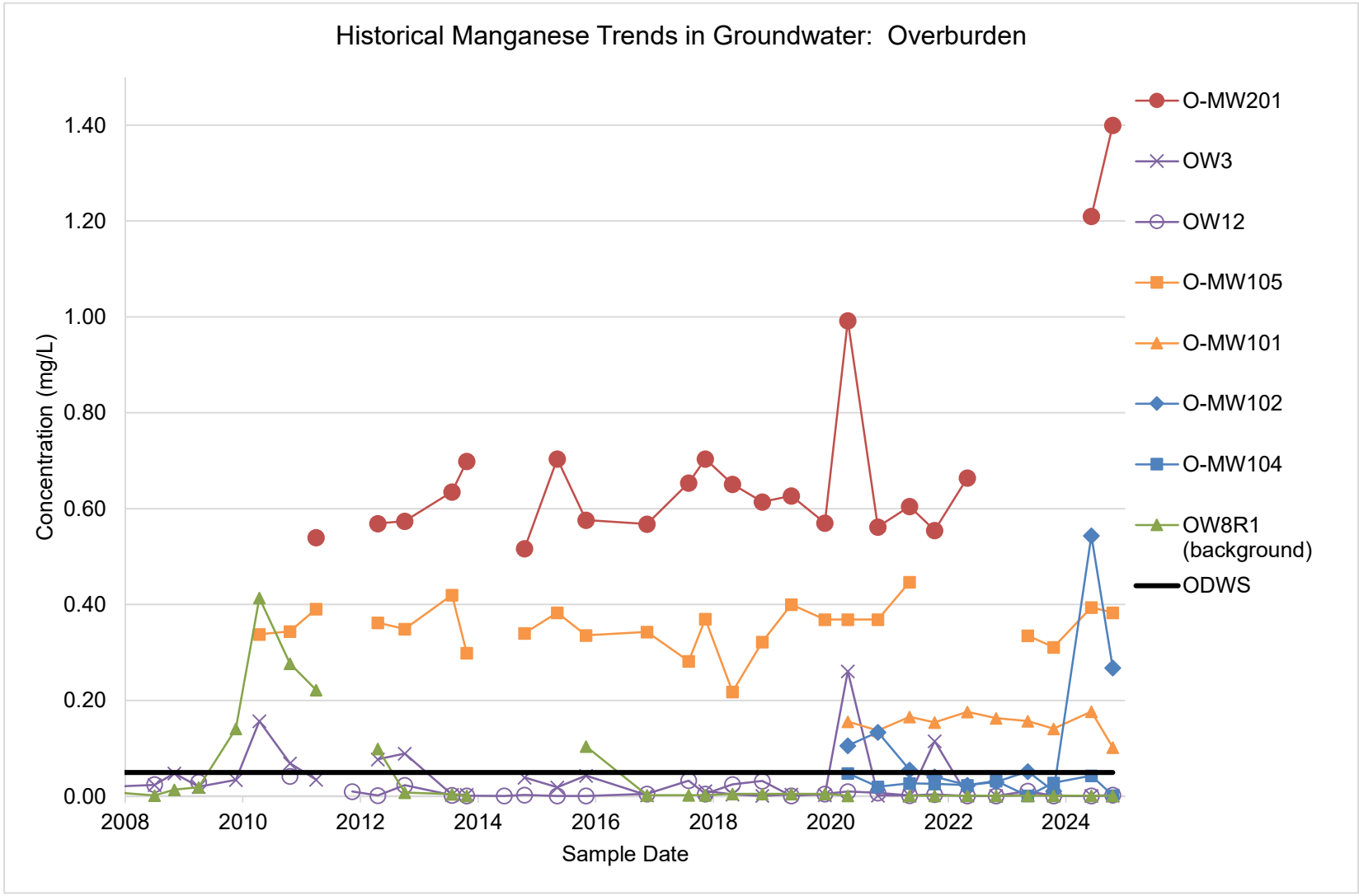
Data Input: RF
Data Check: PRK



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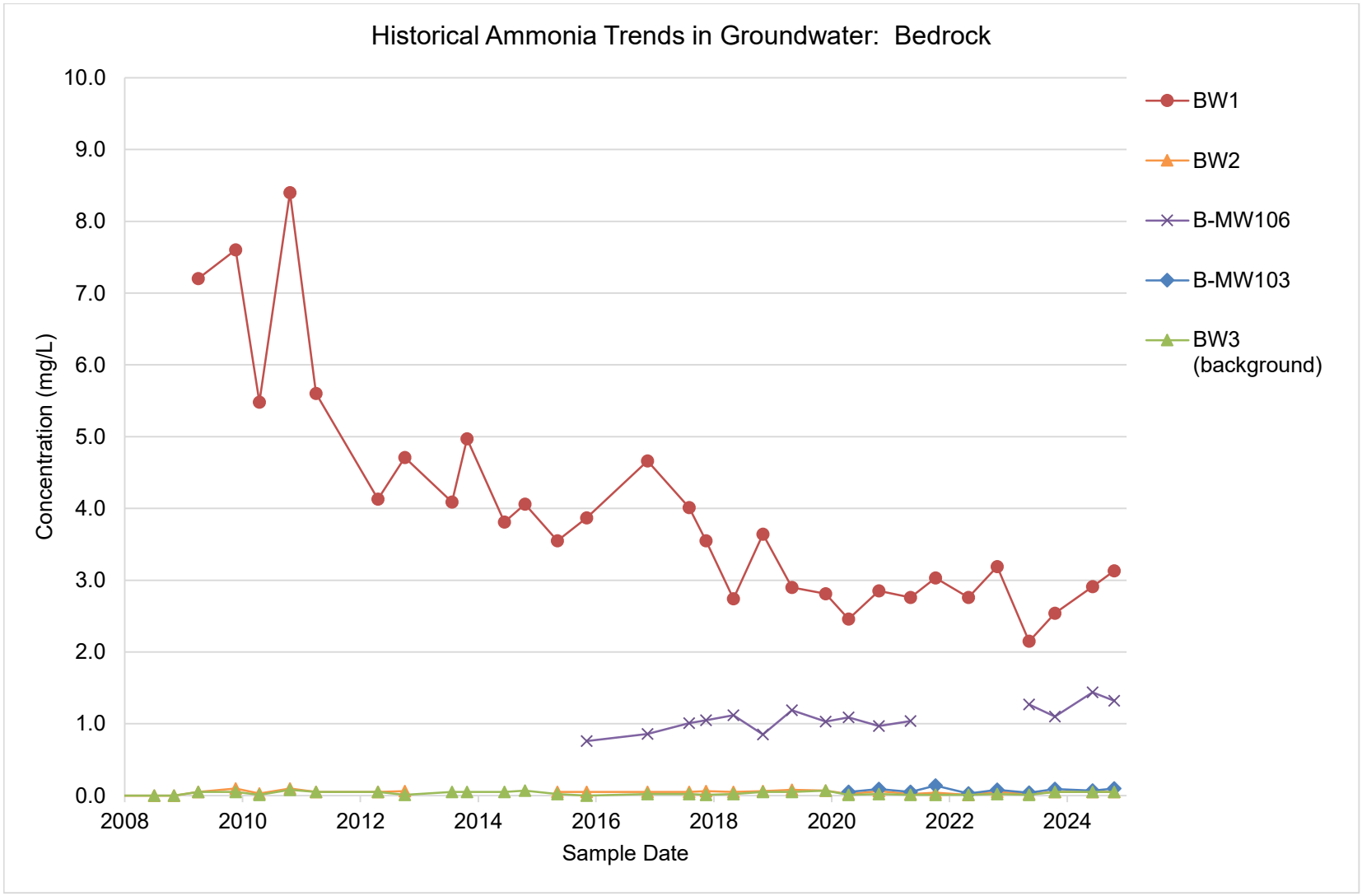
Data Check: PRK



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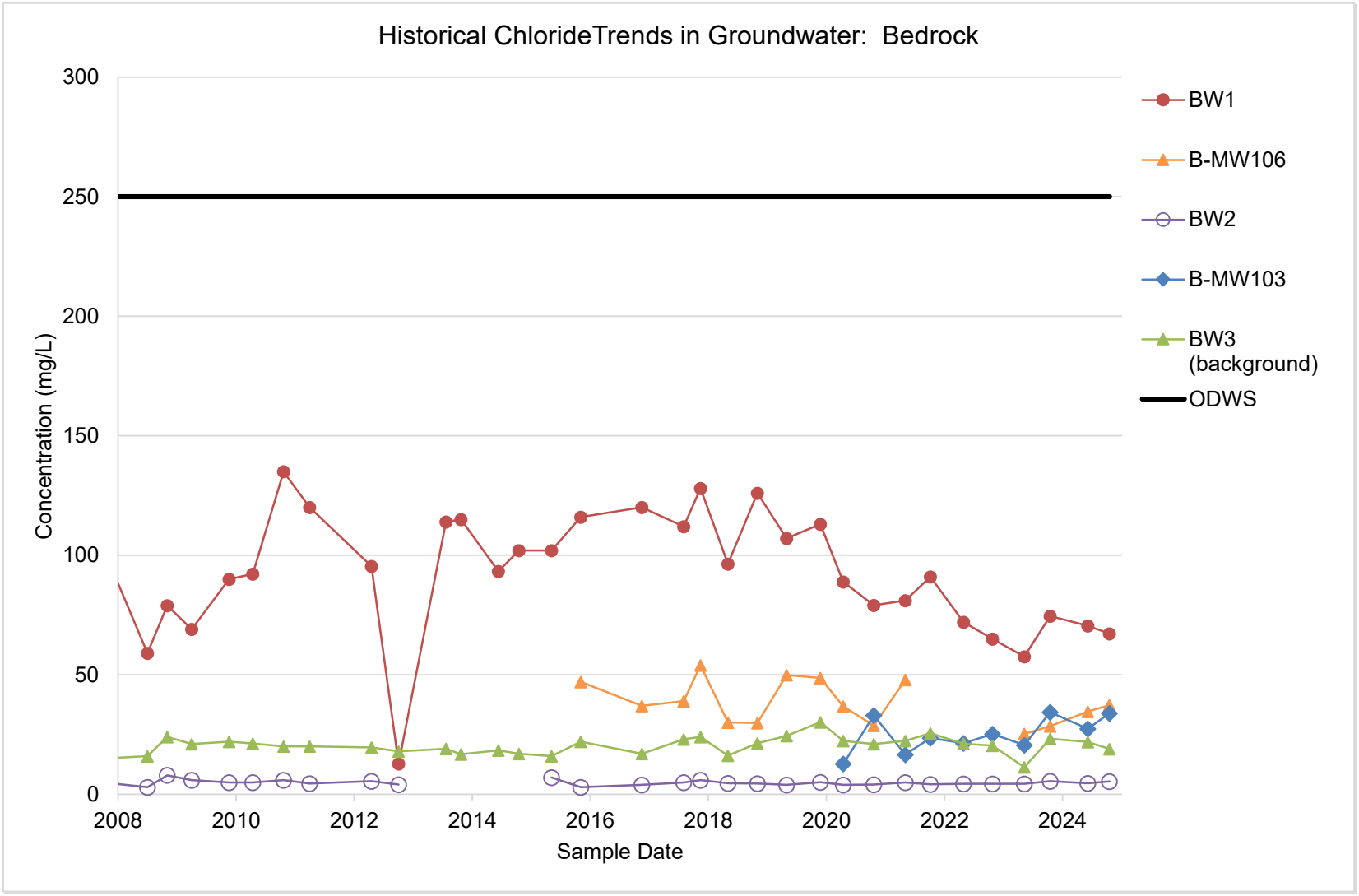
Data Input: RF
Data Check: PRK



Notes:

- all data prior to and including 2016 was provided by the Township of Leeds and Thousand Islands.
- gaps between points denotes missing data
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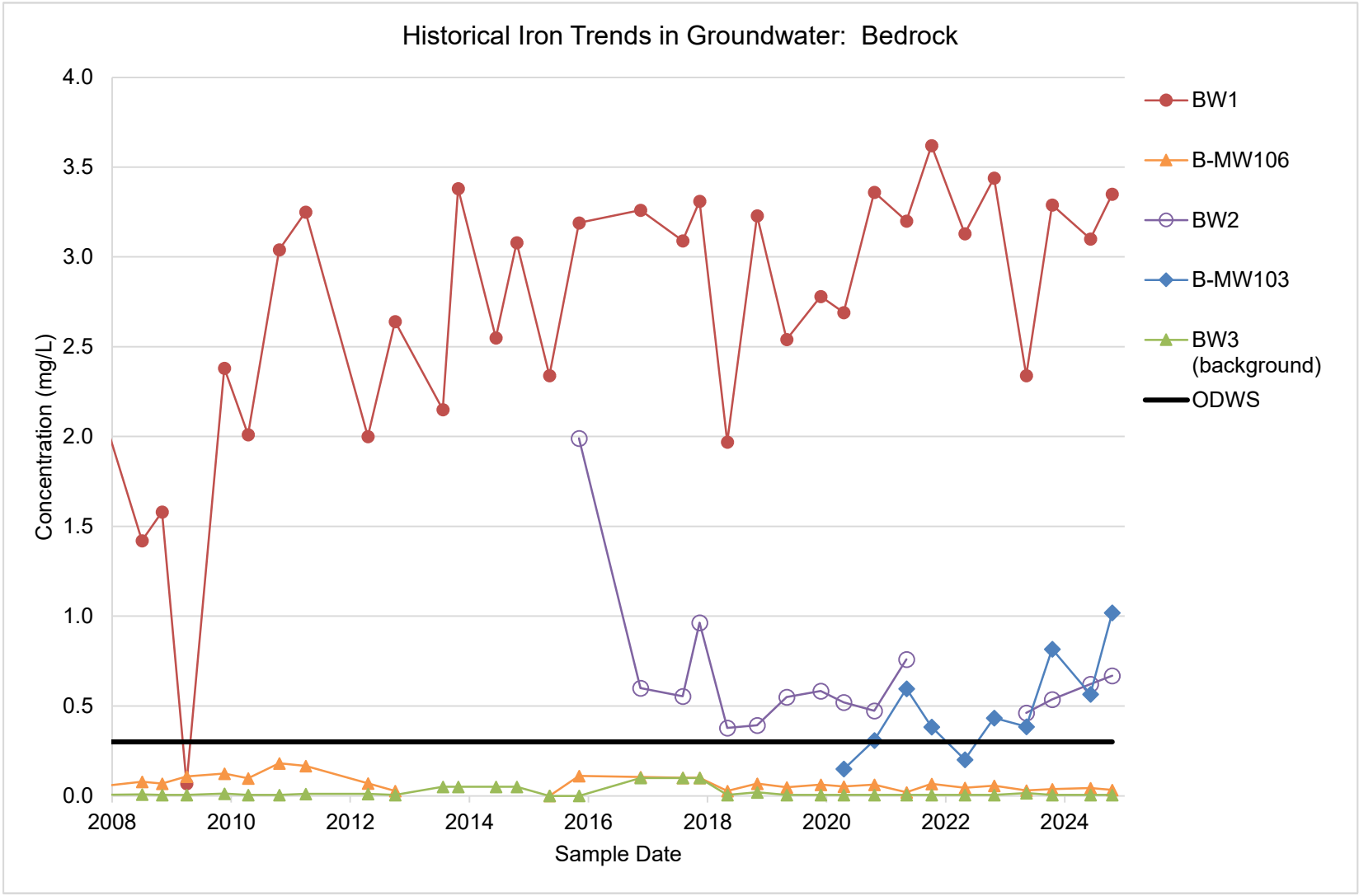
Data Input: RF
Data Check: PRK



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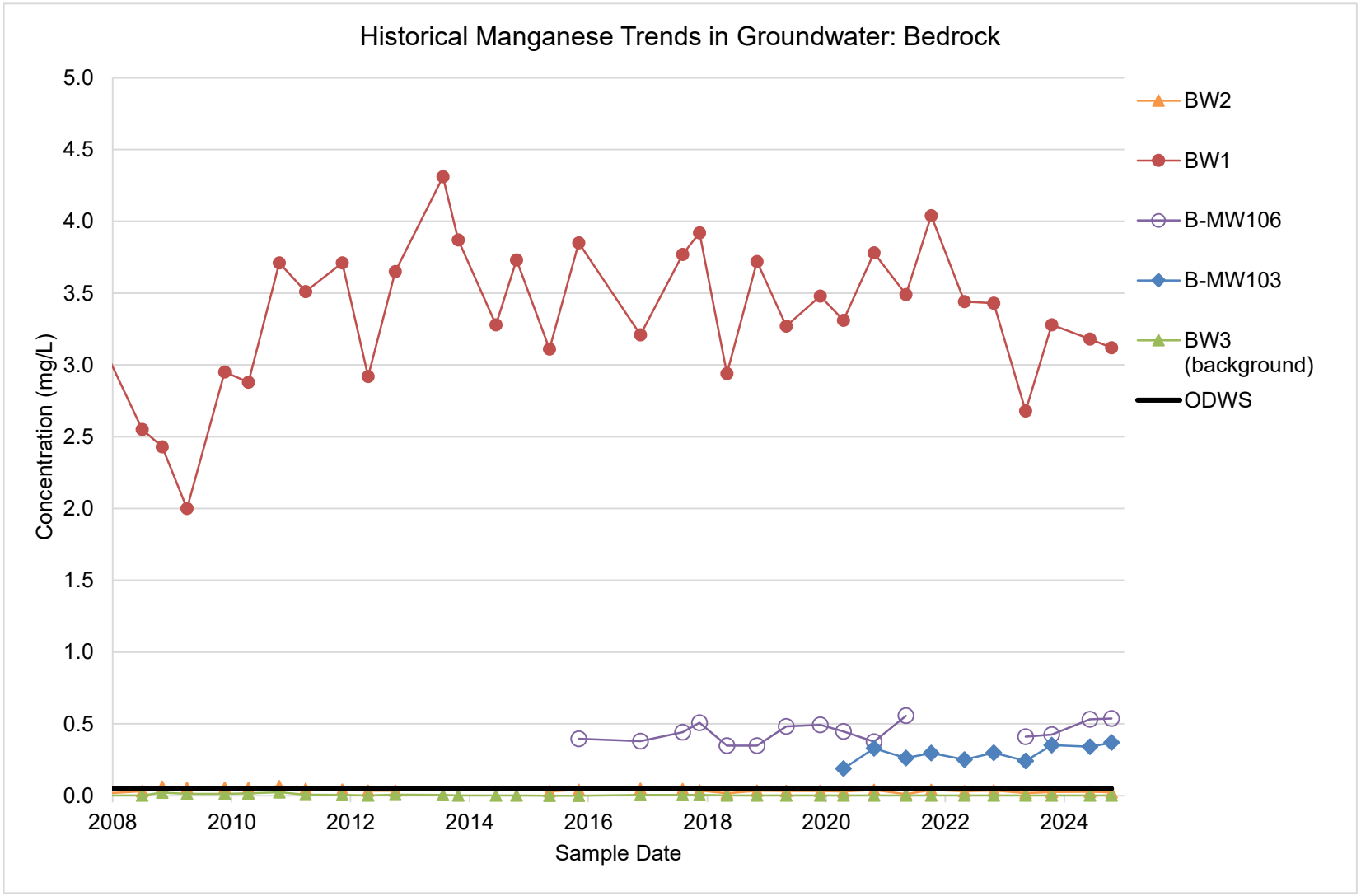
Data Input: RF
Data Check: PRK



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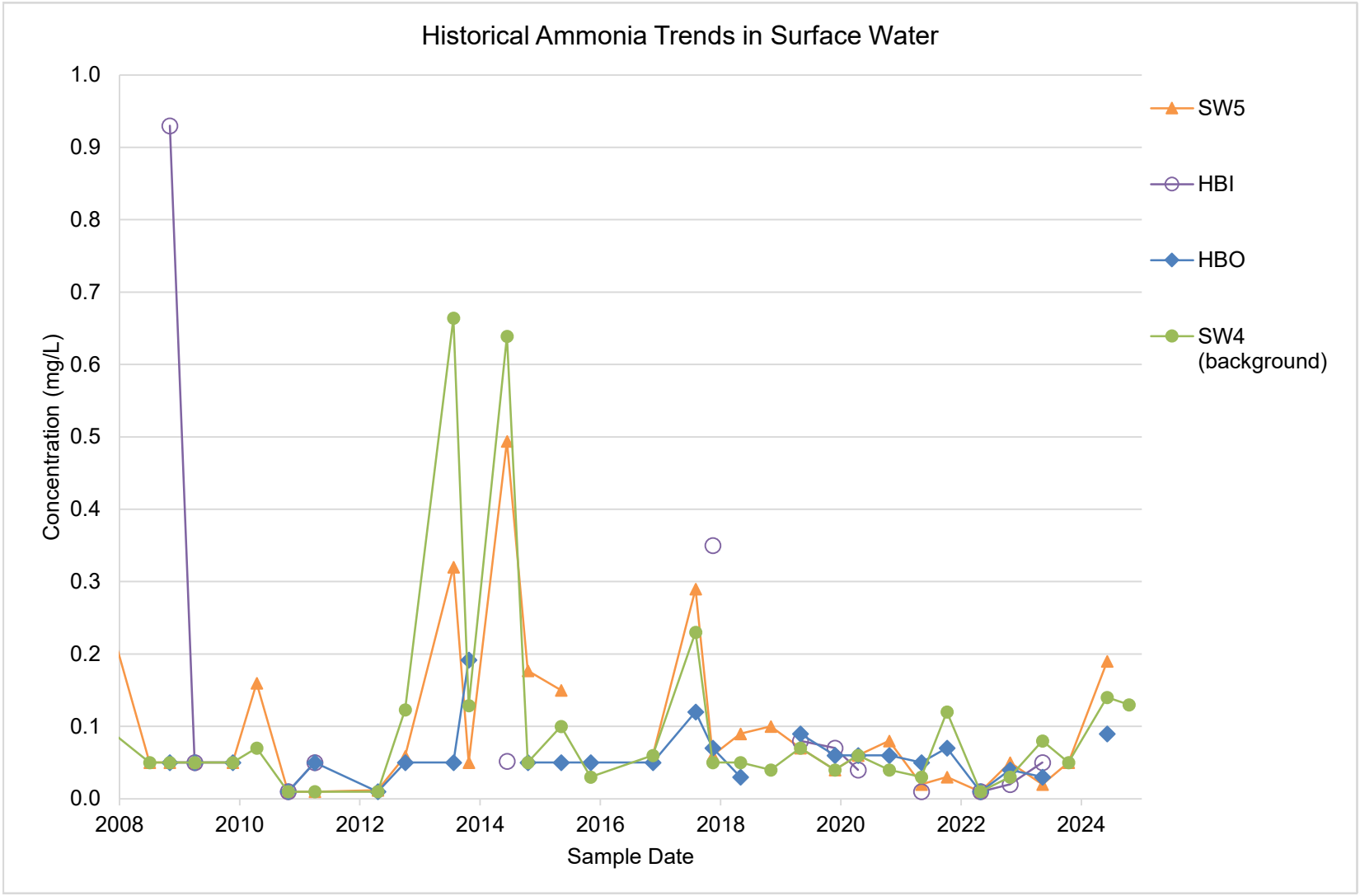
Data Input: RF
Data Check: PRK



Notes:

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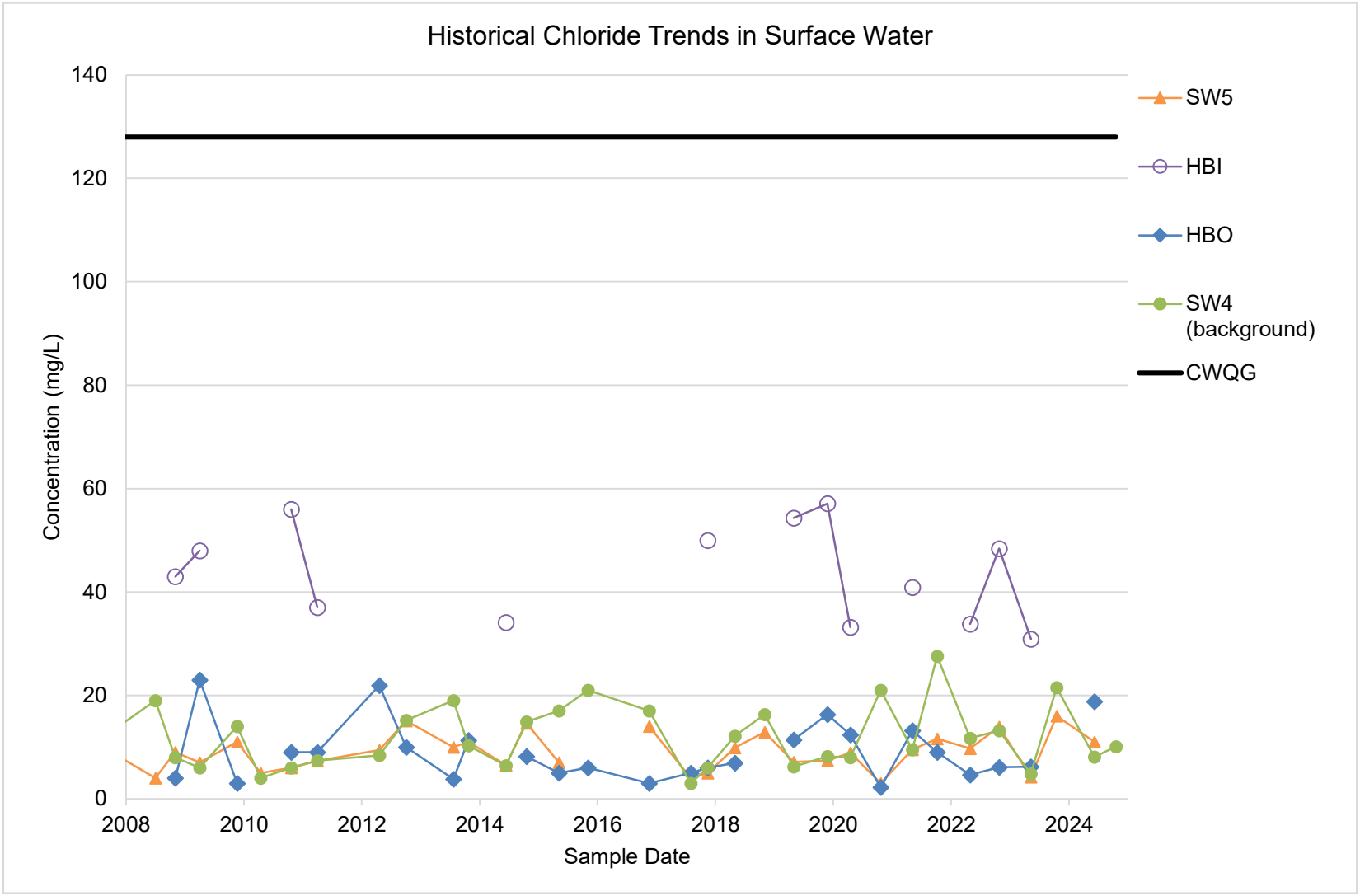
- lines connect consecutive data points
- when result was less than MDL, MDL value was plotted
- trend graphs provided as an interpretive tool only. Refer to the summary tables for results.

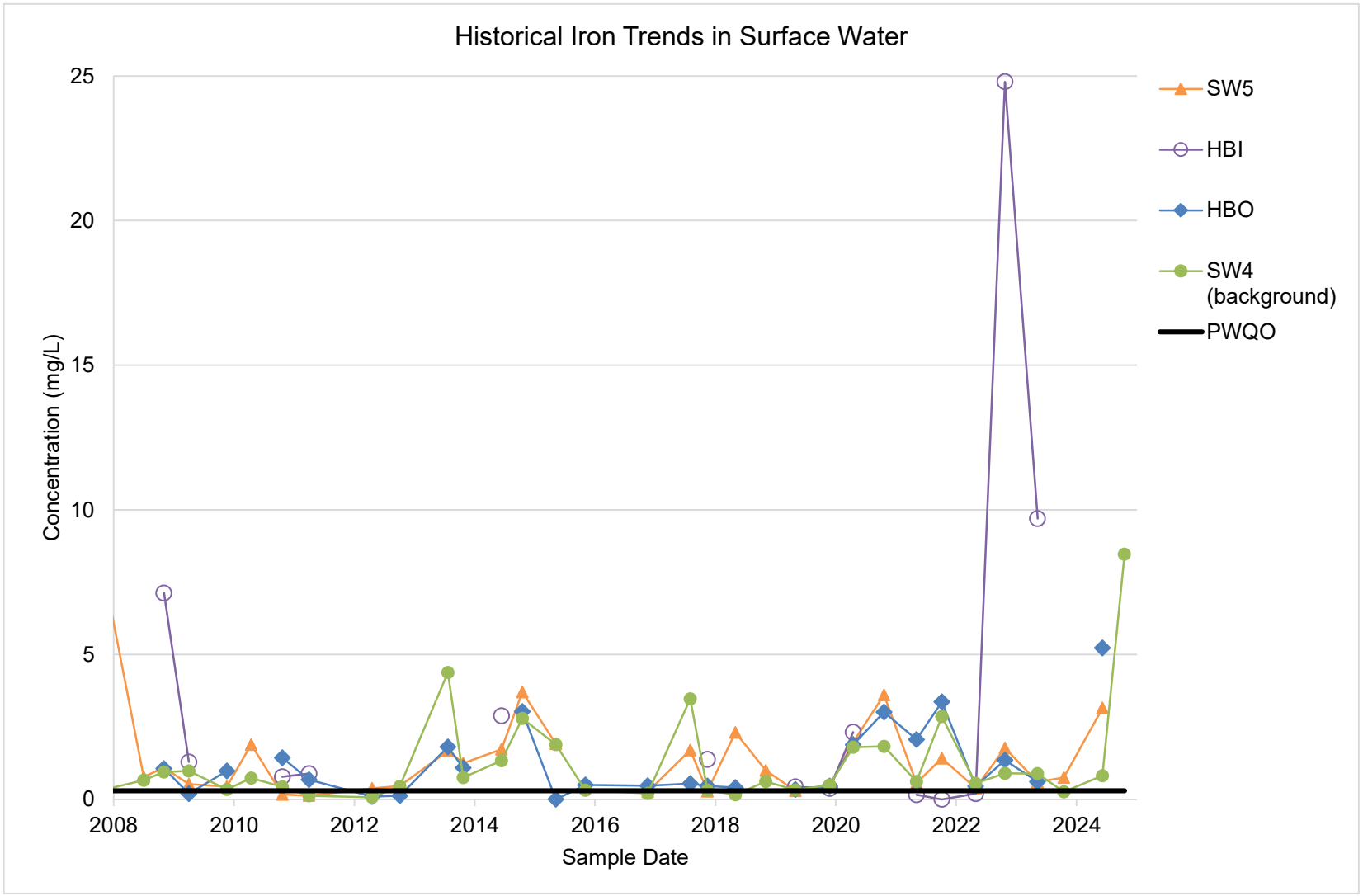
Data Input: RF
Data Check: PRK



Notes:

- all data prior to and including 2016 was provided by the Township of Leeds and Thousand Islands.
- gaps between points denotes missing data
- when result was less than MDL, MDL value was plotted
- trend graphs provided as an interpretive tool only. Refer to the summary tables for results.

Data Input: RF
Data Check: PRK



Notes:

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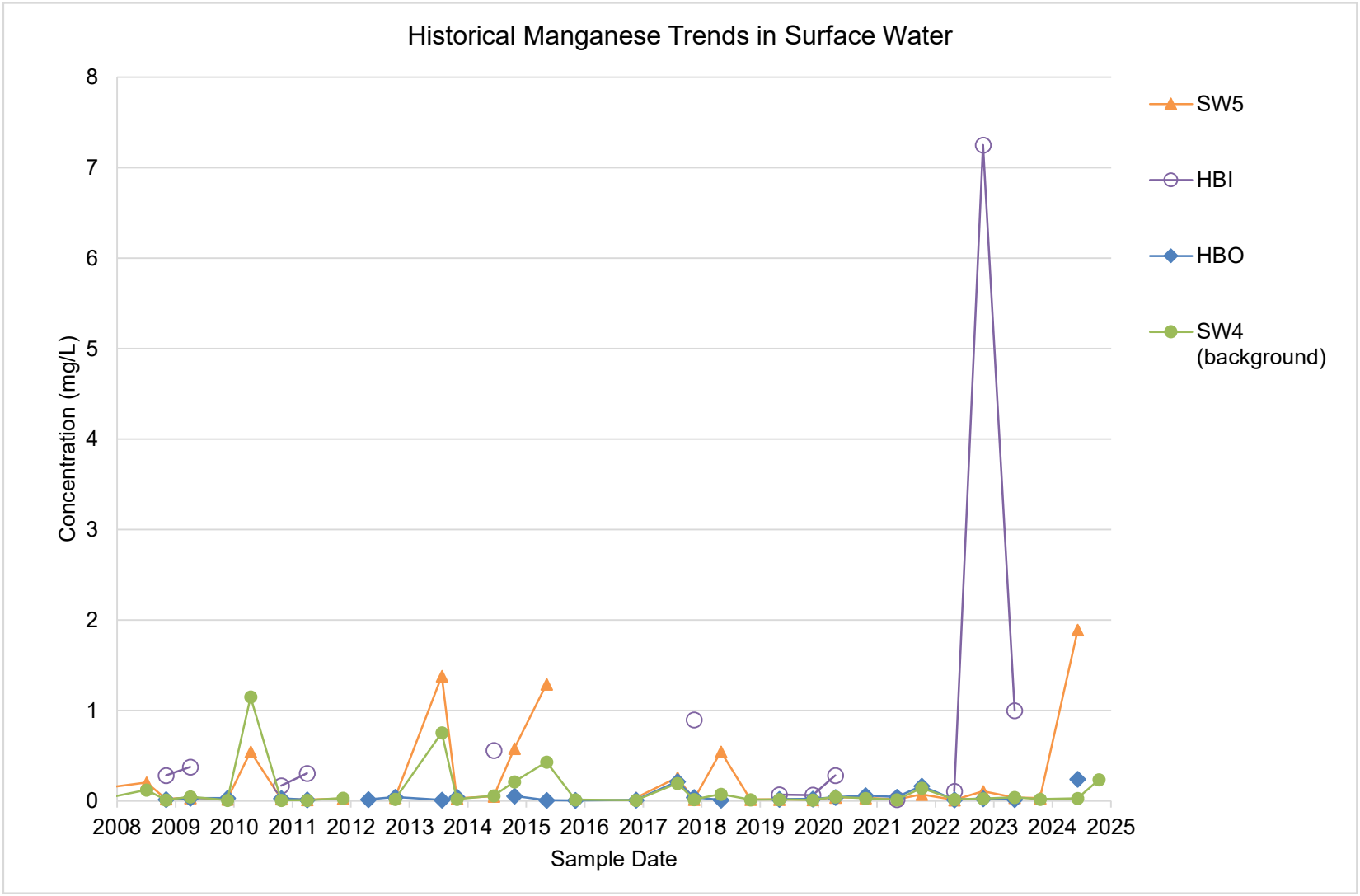
- lines connect consecutive data points
- when result was less than MDL, MDL value was plotted
- trend graphs provided as an interpretive tool only. Refer to the summary tables for results.

Data Input: RF
Data Check: PRK



Notes:

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Data Input: RF
Data Check: PRK

Appendix J
Borehole Logs

WELL LOG

Enclosure No.: 1

Project Name: **Escott WDS**		Project Number: **1038**
Client: **Township of Leeds and Thousand Islands**	Well Number: **MW105**	Page: **1** of **1**
Location: **227 Escott Rockport, Mallorytown, ON**	Date Started: **December 1, 2022**	Datum: **NAD 83, Zone 18T**
Drilling Contractor: **Canadian Environmental Drilling & Contractors Inc.**	Date Finished: **December 1, 2022**	Elevation:
Drilling Equipment: **CME 55**	Easting:	Northing:
Drilling and Sampling Method: **Hollow-Stem Auger**	Logged By: **A. Superville**	Checked By: **J. Payeur**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description	Monitoring Well	Sample Type	Sample Number	Recovery (%)	Penetration Index / RQD
0.2			**CLAYEY SILT**.	-1.1 -1.0 sand				
0.4			**SILTY CLAY**.					
0.6								
0.8								
1.0								
1.2				bentonite				
1.4								
1.6								
1.8								
2.0								
2.2								
2.4								
2.6								
2.8								
3.0								
3.2								
3.4								
3.6			**CLAYEY SILT**.	3.1				
3.8								
4.0				sand slotted screen				
4.2								
4.4			**SILTY CLAY**.					
4.6								
4.8			End of borehole at target depth of 4.8 mbg.	4.8				
5.0								
5.2								
5.4								
5.6								
5.8								
6.0								
6.2								
6.4								
6.6								
6.8								
7.0								
7.2								
7.4								
7.6								
7.8								
8.0								
8.2								
8.4								
8.6								
8.8								
9.0								
9.2								
9.4								
9.6								
9.8								
10.0								
10.2								
10.4								
10.6								
10.8								
11.0								
11.2								
11.4								
11.6								
11.8								

NOTES:

Well Construction Details
-1.00 m stick-up with aluminum monument
38.1 mm PVC piezometer
slotted screen
1.52 m screen
#1 sand

Groundwater Monitoring Details
monitored on December 9, 2022
DTW: 0.5 m
DTB: 5.8 m

OW11R1 was decommissioned and MW105 was installed as a replacement.
See OW11 log for detailed stratigraphy description

BOREHOLE LOG 1038 BH LOGS.GPJ MALROZ ENGINEERING.GDT 3/7/23

WELL LOG

Enclosure No.: 2

Project Name: **Escott WDS**		Project Number: **1038**
Client: **Township of Leeds and Thousand Islands**	Well Number: **MW106**	Page: **1** of **1**
Location: **227 Escott Rockport, Mallorytown, ON**	Date Started: **December 1, 2022**	Datum: **NAD 83, Zone 18T**
Drilling Contractor: **Canadian Environmental Drilling & Contractors Inc.**	Date Finished: **December 1, 2022**	Elevation:
Drilling Equipment: **CME 55**	Easting:	Northing:
Drilling and Sampling Method: **Hollow-Stem Auger**	Logged By: **A. Superville**	Checked By: **J. Payeur**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description	Monitoring Well	Sample Type	Sample Number	Recovery (%)	Penetration Index / RQD
0.2			**CLAYEY SILT**.	-1.1 -1.0 sand				
0.4			**SILTY CLAY**.					
0.6								
0.8								
1.0								
1.2								
1.4								
1.6								
1.8								
2.0								
2.2								
2.4								
2.6								
2.8								
3.0				bentonite				
3.2								
3.4								
3.6			**CLAYEY SILT**.					
3.8								
4.0								
4.2								
4.4			**SILTY CLAY**.					
4.6								
4.8								
5.0			**BEDROCK**					
5.2			Borehole advanced through bedrock using air hammer at 4.8 mbg.					
5.4								
5.6								
5.8								
6.0								
6.2								
6.4								
6.6				6.6				
6.8								
7.0								
7.2								
7.4								
7.6								
7.8								
8.0								
8.2				sand slotted screen				
8.4								
8.6								
8.8								
9.0								
9.2								
9.4								
9.6								
9.8			End of borehole at target depth of 9.8 mbg.	9.8				
10.0								
10.2								
10.4								
10.6								
10.8								
11.0								
11.2								
11.4								
11.6								
11.8								

NOTES:

Well Construction Details
-1.00 m stick-up with aluminum monument
38.1 mm PVC piezometer
slotted screen
3.05 m screen
#1 sand

Groundwater Monitoring Details
monitored on December 9, 2022
DTW: 0.8 m
DTB: 10.8 m

BW4 was decommissioned and MW106 was installed as a replacement. See OW11 log for detailed stratigraphy description. Air hammer from 4.8 mbg to bottom (assumed bedrock)

BOREHOLE LOG 1038 BH LOGS.GPJ MALROZ ENGINEERING.GDT 3/7/23

MALROZ
ENGINEERING INCORPORATED

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

613-548-3446
www.malroz.com

PROJECT: **1038 - Escott WDS**

CLIENT: **The Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH101**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **CME 55 Track Mount**

DRILLING METHOD: **4" Solid Stem Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW101**
WELL TAG#: **A259032**
GROUND SURFACE ELEV.: **-**
TOP ELEVATION: **-**

DATUM: **18T NAD83**
EASTING: **424927**
NORTHING: **4917786**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF	RKI Eagle II	February 18, 2020	MW	AP

Depth (meters)	Boundry Depth	Description	Type	Moisture	Sample	% REC	Blows/6" (RQD)
0		**Clayey Silt** trace sand, trace rootlets, dark brown, soft becoming stiff		Damp	SS1	75	4
1					SS2	75	15
	1.2	becoming light brown			SS3	71	13
2				Moist	SS4 SS5	100	12
	2.4	becoming dark brown/grey					
	2.5	**Silt** trace sand, dark brown/grey, stiff, moist			SS6	75	9
3				Wet	SS7	100	13
	3.8	**Silty Clay** trace sand, brown/grey, soft		Damp	SS8	100	5
4					SS9	100	R
	4.6	**Sandy Silt** trace clay, brown/grey, hard		Wet			
	4.7						
	4.9	**Possible Weathered Rock**					
5		End of borehole in inferred bedrock (4.9 m).					
6							
7							

CGI (% LEL): 0, 50, 100

PID (ppm): 0, 25, 50, 75, 100

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

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: **1038 - Escott WDS**

CLIENT: **The Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH102**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **CME 55 Track Mount**

DRILLING METHOD: **4" Solid Stem Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW102**
WELL TAG#: **A259032**
GROUND SURFACE ELEV.: **-**
TOP ELEVATION: **-**

DATUM: **18T NAD83**
EASTING: **425018**
NORTHING: **4917823**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF	RKI Eagle II	February 18, 2020	MW	AP

Depth (meters)	Boundry Depth	Description	Moisture	Sample	% REC	Blows/6" (RQD)
0		**Clayey Silt** trace sand, trace rootlets, light brown, soft	Dry-Damp	SS1	88	4
	0.8	**Silt** trace clay, light brown, firm		SS2	100	21
1			Damp	SS3	100	19
2			Moist	SS4	58	21
				SS5	100	24
3				SS6	100	14
	3.5	becoming dark brown/grey				
	3.7	**Silty Clay** trace sand, brown/grey, soft		SS7 SS8	100	4
4				SS9	100	R
	4.4	End of borehole on inferred bedrock (4.4 m).				
5						
6						
7						

CGI (% LEL): 0, 50, 100

PID (ppm): 0, 25, 50, 75, 100

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Well is nested with MW103

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: **1038 - Escott WDS**

CLIENT: **The Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH103**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **CME 55 Track Mount**

DRILLING METHOD: **4" Solid Stem Auger**

SAMPLING METHOD: **Core**

WELL ID: **MW103**
WELL TAG#: **A259032**
GROUND SURFACE ELEV.: **-**
TOP ELEVATION: **-**

DATUM: **18T NAD83**
EASTING: **425017**
NORTHING: **4917821**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF	RKI Eagle II	February 19, 2020	MW	AP

Depth (meters)	Boundry Depth	Description	Sample	% REC	Blows/6" (RQD)
0		**See BH102 for lithology**			
3.6	3.6	**Bedrock** granite, medium-grained, felsic, fracture at 3.84 m			
4.1	4.1	fractures at 4.14 m and 4.19 m	RC1	100	85
4.7	4.7	fractures at 4.65 m, 4.69 m, and 4.75 m vertical fracture 4.87 m to 5.05 m			
5.1	5.1	fractures at 5.05 m and 5.11 m			
5.4	5.4	fractures at 5.43 and 5.45 m	RC2	100	90
5.6	5.6	fracture at 5.64 m			
6.0	6.0	fracture at 5.97 m			
6.1	6.1	fracture at 6.12 m			
6.6	6.6	fracture at 6.55 m			
6.7	6.7	fracture at 6.73 m	RC3	100	100
7.5	7.5	End of borehole at target depth (7.5 m).			
8					

CGI (% LEL): 0, 50, 100

PID (ppm): 0, 25, 50, 75, 100

Notes: Well Construction Details
aboveground casing
38 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Well is nested with MW102

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: **1038 - Escott WDS**

CLIENT: **The Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH104**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **CME 55 Track Mount**

DRILLING METHOD: **4" Solid Stem Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW104**
WELL TAG#: **A259032**
GROUND SURFACE ELEV.: **-**
TOP ELEVATION: **-**

DATUM: **18T NAD83**
EASTING: **425123**
NORTHING: **4917883**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF	RKI Eagle II	February 19, 2020	MW	AP

Depth (meters)	Boundry Depth	Description	Type	Moisture	Sample	% REC	Blows/6" (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 0 25 50 75 100
0		**Clayey Silt** some sand, trace rootlets, brown/grey, soft		Damp	SS1 SS2	75	4		
	0.6	trace rounded cobbles, becoming firm							
1					SS3	100	19		
					SS4	75	24		
2	1.8	becoming stiff		Moist	SS5	100	11		
					SS6	100	13		
3					SS7	100	14		
	3.3	**Silty Clay** trace sand, grey, stiff							
4					SS8	100	8		
	4.4	**Silt** trace clay, trace sand, grey, stiff			SS9	100	17		
5					SS10	100	4		
				Wet	SS11	100	10		
6					SS12 SS13	100	12		
	6.7	End of borehole at target depth (6.7 m).							
7									

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

Well ID: OW-1

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
0 / 0		***Cover Material*** Clay Tan color Very Dry	0 1.52		Flush Mount Well Box Clay Seal (Bentonite HolePlug)
5 / 2		***Landfill*** Household refuse Black color Partly saturated	-1.52 4.88		00 Silica Sand
16 / 5		***Clay*** Massive structure Light brown color Saturated	-4.88 6.25		
20 / 6		Bedrock Refusal	-6.25		
27 / 8					

Drilled By: G.E.T. Drilling
Drill Date: 9 May 2001
Drill Method: Solid Stem Auger
Hole Size: 125 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 51 mm
Well Material: S40 PVC
Screen: #10

Project: MK 14517 A
Ward 3 Waste Disposal Site

Well ID: OW-2

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
0 – 3 / 0 – 1		***Soil Cover Material*** Clay Tan color Very Dry	0 2.44		Flush Mount Well Box Clay Seal (Bentonite HolePlug)
8 – 20 / 2 – 6		***Landfill*** Household refuse Black color Partly saturated	-2.44 6.1		00 Silica Sand
20 – 25 / 6 – 7.62		***Native Clay*** Massive structure Light brown color Saturated	-6.1 7.62		
25 – 27 / 7.62 – 8		Bedrock Refusal	-7.62		

Drilled By: G.E.T. Drilling
Drill Date: 9 May 2001
Drill Method: Solid Stem Auger
Hole Size: 125 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 51 mm
Well Material: S40 PVC
Screen: #10

Well ID: OW-3

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
0 – 3 / 0 – 1		***Native Material*** Clay Tan color Very Dry	0 1.37		Piezometer Stick-Up Clay Seal (Bentonite HolePlug)
4 – 10 / 1 – 3		***Clay*** Massive structure Brown color Saturated	-1.37 3.4		00 Silica Sand
11 / 3		Bedrock Refusal	-3.4		
12 – 27 / 4 – 8					

Drilled By: G.E.T. Drilling
Drill Date: 9 May 2001
Drill Method: Solid Stem Auger
Hole Size: 125 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 51 mm
Well Material: S40 PVC
Screen: #10

Well ID: OW-4

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
		Native Material Clay Tan color Very Dry	0 1.37		Piezometer Stick-Up Clay Seal (Bentonite HolePlug)
		Clay Massive structure Brown color Saturated	-1.37 2.74		00 Silica Sand
10 / 3		Bedrock Refusal	-2.74		

Drilled By: G.E.T. Drilling
Drill Date: 9 May 2001
Drill Method: Solid Stem Auger
Hole Size: 125 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 51 mm
Well Material: S40 PVC
Screen: #10

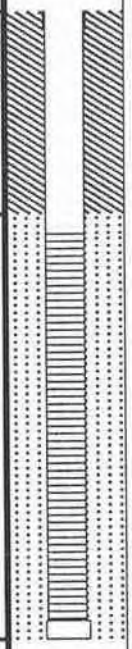
Well ID: OW-5

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
		Native Material Clay Tan color Very Dry	0 1.52		Piezometer Stick-Up Clay Seal (Bentonite HolePlug)
		Clay Massive structure Brown color Saturated	-1.52 4.72		00 Silica Sand
		Bedrock Refusal	-4.72		

Drilled By: G.E.T. Drilling
Drill Date: 9 May 2001
Drill Method: Hollow Stem Hammer
Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm
Well Material: S40 PVC
Screen: #10

Project: MK 14517 A

Ward 3 Waste Disposal Site

Well ID: OW-6

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
1		***Native Material***	0		Piezometer Stick-Up
2		Clay			Clay Seal (Bentonite HolePlug)
3 / 1		Tan color			
4		Very Dry	1.37		
5		***Silty Clay***	-1.37		00 Silica Sand
6		Massive structure			
7 / 2		Brown color			
8		Saturated	2.29		
9		Sand lenses 1.8-2.3m	-2.29		
10 / 3		Bedrock Refusal			
11					
12					
13 / 4					
14					
15					
16 / 5					
17					
18					
19					
20 / 6					
21					
22					
23 / 7					
24					
25					
26 / 8					
27					

Drilled By: G.E.T. Drilling
Drill Date: 10 May 2001
Drill Method: Hollow Stem Hammer
Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm
Well Material: S40 PVC
Screen: #10

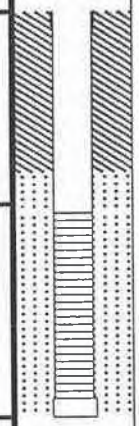
Well ID: OW-7

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
		Native Material Clay Tan color Very Dry	0 1.45		Piezometer Stick-Up Clay Seal (Bentonite HolePlug)
		Silty Clay Massive structure Brown color Saturated	-1.45 3.05		00 Silica Sand
		Bedrock Refusal	-3.05		

Drilled By: G.E.T. Drilling
Drill Date: 10 May 2001
Drill Method: Hollow Stem Hammer
Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm
Well Material: S40 PVC
Screen: #10

Well ID: OW-8

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
		Native Material Clay Tan color Very Dry	0 1.83		Piezometer Stick-Up Clay Seal (Bentonite HolePlug) 00 Silica Sand
		Silty Clay Massive structure Brown color Saturated	-1.83 3.05		
		Bedrock Refusal	-3.05		

Drilled By: G.E.T. Drilling
Drill Date: 10 May 2001
Drill Method: Hollow Stem Hammer
Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm
Well Material: S40 PVC
Screen: #10

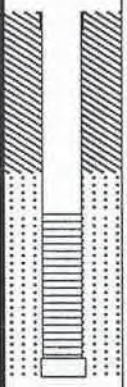
Well ID: OW-9

Project: MK 14517 A
Ward 3 Waste Disposal Site

Client: Township of leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE				WELL CONSTRUCTION DETAILS	
Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
			0		Piezometer Stick-Up
		Native Material Clay Tan color Very Dry			Clay Seal (Bentonite HolePlug)
3 / 1			1.22		
			-1.22		
		Silty Clay Massive structure Brown color Saturated			00 Silica Sand
9 / 2			2.74		
		Bedrock Refusal	-2.74		
27 / 8					

Drilled By: G.E.T. Drilling
Drill Date: 10 May 2001
Drill Method: Hollow Stem Hammer
Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm
Well Material: S40 PVC
Screen: #10

Project: MK 14517 A

Ward 3 Waste Disposal Site

Well ID: OW-10

Client: Township of Leeds and Thousand Islands

Location: L:9 / C:BF / T:Front of Escott

Engineer: SW

SUBSURFACE PROFILE

WELL CONSTRUCTION DETAILS

Depth (ft / m)	Symbol	Description	Depth/Elev.	Well Profile	Remarks
0 / 0		Ground Surface	0		
0 – 3 / 0 – 1		***Native Material*** Clay Tan color Very Dry	0 1.52		Piezometer Stick-Up Clay Seal (Bentonite HolePlug)
5 – 9 / 2 – 3		***Silty Clay*** Massive structure Brown color Saturated	-1.52 2.82		00 Silica Sand
10 / 3		Bedrock Refusal	-2.82		
13 / 4					
16 / 5					
20 / 6					
23 / 7					
26 / 8					
27					

Drilled By: G.E.T. Drilling

Drill Date: 10 May 2001

Drill Method: Hollow Stem Hammer

Hole Size: 51 mm

TROW-OMM Consulting Engineers
#210 - 4 Cataraqui Street
Kingston, Ontario, K7K 1Z7
T (613)542-1253 F (613)547-3767

Well Diameter: 26 mm

Well Material: S40 PVC

Screen: #10

Trow Associates Inc.
210 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Project No.: MK14517-C

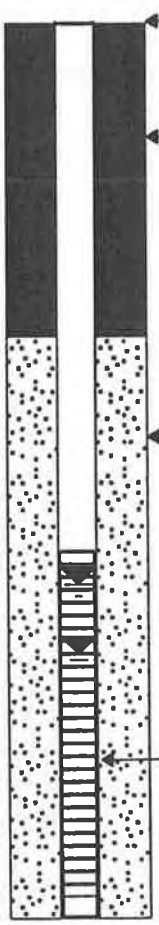
Monitoring Well: OW-11

Project: Escott Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: 227 Escott Rockport, Mallorytown, ONT

Logged by: L. Frink

SUBSURFACE PROFILE				SAMPLE			
Depth (ft / m)	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
0 / 0		Ground Surface					
		CLAYEY SILT Dark brown with rootlets	0.25	D	70%		
1		***SILTY CLAY*** Fine, dark brown	0.61	D	100%		
2		***SILTY CLAY*** Mottled dark brown and grey					
3 / 1				D	100%		
4			2.26				
5							
6							
7 / 2							
8		***SILTY CLAY*** Mottled medium brown to grey					
9				W	100%		
10 / 3							
11			3.48				
12		***CLAYEY SILT*** Fine-mottled medium brown to grey					
13 / 4				W	100%		
14			4.22				
		SILTY CLAY Mottled medium brown and grey	4.45	W	100%		
15		End of Borehole					
16							

Drilled By: G.E.T. Drilling

Drill Method: Jack Hammer

Drill Date: July 29, 2003

Hole Size: 50 mm

Datum: 89.462

Sheet: 1 of 1

Trow Associates Inc.
210 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Project No.: MK14517-C

Monitoring Well: OW-12

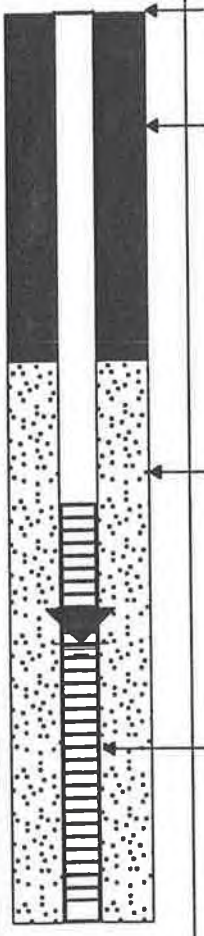
Project: Escott Waste Disposal Site

Client: Township of Leeds ans Thousand Islands

Location: 227 Escott Rockport, Mallorytown. ONT

Logged by: L. Frink

SUBSURFACE PROFILE				SAMPLE			
Depth (ft / m)	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
0 / 0		Ground Surface					
1		***Clayey Silt*** Traces of sand. Dark brown	0.41	D	60 %		
2		***Silty Clay*** Mottled medium brown to grey					
3 / 1							
4							
5				D			
6 / 2							
7							
8							
9							
10 / 3			3.10				
11		***Clayey Silt*** Medium brown to mottled grey	3.38	M			
12		***Silty Clay*** Mottled medium brown and grey	3.66	M			
13 / 4		***Silty Clay*** Grey	3.96	M			
14		End of Borehole					
15							
16							



Drilled By: G.E.T. Drilling

Drill Method: Jack Hammer

Drill Date: July 29, 2003

Hole Size: 50 mm

Datum: 88.912

Sheet: 1 of 1

Trow Associates Inc.
210 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Project No.: MK14517-C

Monitoring Well: OW-13

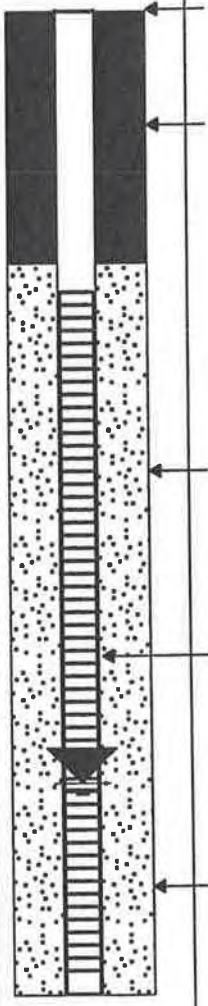
Project: Escott Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: 227 Escott Rockport, Mallorytown, ONT

Logged by: L. Frink

SUBSURFACE PROFILE				SAMPLE			
Depth (ft / m)	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
0 / 0		Ground Surface	0.00				
		Topsoil Black decomposed material	0.20	D	100 %		
1		***Silty Clay*** Black	0.71	D	100 %		
2		***Silty Clay*** Mottled grey to dark brown					
3 / 1		***Silty Clay*** Mottled medium brown and grey		D	100 %		
7 / 2			2.29				
8		***Silty Clay- Trace Silt*** Mottled medium brown to grey					
10 / 3				M	100 %		
13 / 4			4.57				
15		End of Borehole					
16							



Piezometer

1.1 m Benseal

Gravel/Sand Pack

Slot Size 10 Screen

Water @ 3.35 m

Sand Pack

Refusal @ 4.27 m

Possible cave in at bottom of hole

Drilled By: G.E.T Drilling

Drill Method: Jack Hammer

Drill Date: July 29, 2003

Hole Size: 50 mm

Datum: 90.557

Sheet: 1 of 1

Trow Associates Inc.
210 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Monitoring Well: BW-1

Project No.: MK14517-C

Project: Escott Waste Disposal Site

Client: Township of Leeds and Thousand Islands

Location: 227 Escott Rockport, Mallorytown, ONT

Logged by: L.Frink

SUBSURFACE PROFILE				SAMPLE			
Depth	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
ft / m		Ground Surface	0.00			Piezometer stick-up 1.07 m	
-3 / -1						Steel Casing	
2		***Silty Clay*** Brown.	2.13				
7		***Sandstone*** Brown.	2.74				
12 / 4		***Sandstone*** Red.	3.66				
17		***Sandstone*** Grey/Red	4.57			Bentonite	
22		***Granite*** Red.					
27 / 9						Gravel and Bentonite Mix	
32							
37							
42						Bentonite	
47 / 14							
52			16.76				
57		***Granite*** Gray.	18.59			Sand Pack	
62 / 19		***Granite*** Red.				Water @ 19.81 m	
67						Slot Size 10 Screen	
72			21.95			Bottom of hole @ 21.95 m	
77		End of Borehole					

Drilled By: Knox Well Drilling

Drill Method: Rotary Percussion

Drill Date: Aug. 29, 2003

Hole Size: 50 mm

Datum: 90.87 m

Sheet: 1 of 1

Trow Associates Inc.
315 The Woolen Mill, 4 Cataraqui Street
Kingston, Ontario K7K 1Z7
kingston@trow.com / www.trow.com
Telephone: (613) 542-1253 / Facsimile: (613) 547-3767

Reference: 14517-X

June 22, 2004

Ms. Margaret Wojcik, P. Eng.
Ministry of the Environment
Environmental Assessment and Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

Via Facsimile
416-314-8452
& Regular Mail

Application for Approval of Waste Disposal Site
Amendment for Changes in Operations, and Expansion of Site
Ward 3 (Escott) Waste Disposal Site A441073
Leeds and the Thousand Island Township
United Counties of Leeds and Grenville
MOE Reference Number: 9969-5WVJDB

Dear Ms. Wojcik:

Thank you for your correspondence dated May 4, 2004 concerning the above noted application. The purpose of this letter is to provide the additional information requested. The information is provided in the same order as requested in your May 4 correspondence.

1. We agree with your comment; interim cover should be comprised of permeable material. The plans in the report will be revised to specify this (see note No. 4 on Dwg. OP-1).

2. We agree with your comment. As much of the existing impermeable cover as possible will be removed and will be stockpiled. The stockpile area(s) have been identified on Dwg. OP-1.

3. We collected four (4) samples of the existing cover across the site to verify the permeability. A grain size analysis identified three (3) of the four (4) samples as a silty clay with some or a trace of sand, and gravel or trace of gravel. The fourth sample was found to be a gravelly sand with some silt and trace of clay. Therefore, this material is a till and is not suitable to be used as an interim cover. Accordingly, the existing cover will be removed, stockpiled and used as final cover (see # 2 above).

4. Specifications for stripping and stockpiling the existing cover and post-stripping contours are as follows:

a) Strip the existing cover as aerial filling progresses. For example, strip the existing cover at south limit and utilize to create perimeter berms. Perimeter berms will eventually cover and encapsulate the sides of the above-grade landfill.

b) Continue as the existing landfill is exposed.

c) Cover any exposed waste with a 150 mm minimum or more of permeable material to establish a working surface.

The final contours as shown in our report are based on minimum 4:1 slopes; they will not change. However, the volume estimates will change due to the final cover being removed from the calculation (see # 12 below).

5. A track front-end loader will be used for waste compaction.

6. During the months of May through to the end of September, waste will be covered with an interim cover material weekly, on Tuesdays, as a minimum, with additional applications as required. Furthermore, stockpiled interim cover material will be applied at any time that site conditions warrant. (Please note: the landfill is open only on Tuesdays and Saturdays.)

7. We agree with your comment. Interim cover needs to be applied in landfilled areas not in use for more than six (6) months. 150 mm of material will be put in place. This will be noted on the site plan.

8. Yes, we would like to have the option to use shredded glass mixed with soil as an interim cover.

9. The municipality would like to continue to burn brush and wood on-site. The brush and wood burning area is shown on the site plan. The following are proposed specifications relating to the burning of brush and clean wood:

- The piles of clean wood and brush to be burned will be no larger than 4.0 metres by 3.0 metres in area, and 2.0 metres high;
- The burning will be initiated with paper;
- The burning location is shown on Dwg. OP-1;
- Areas designated for burning shall be cleared of vegetation;
- Burning shall be permitted in small piles only subject to weather conditions;
- All fires will be completely extinguished before the end of the work day;
- Fires will not be started using flammable liquids such as petroleum products and/or rubber;
- After each burning event the fire pit shall be cleaned out and ashes properly disposed;
- All necessary fire fighting equipment shall be placed within or in the close vicinity of the burning area including a soil stockpile for emergency extinguishing of the fire; and,
- Each burning event shall be supervised and immediately extinguished if supervision is no longer available.

10. Settling ponds (i.e., siltation control traps) are proposed to settle out sediments by capturing surface run-off and temporarily detaining it. Surface run-off will be contaminated by sediment not leachate. Perimeter lift initiating berms will contain any precipitation falling on the refuse. The remaining potential avenue for the contamination of surface runoff is via seepage which is expected to occur at most small landfills where leachate is controlled by natural attenuation.

11. We believe that it is actually Section 53 of the OWRA. An application will be made when the works are needed.

12. a) We included final cover material in all calculations previously submitted.

    b) The volume of in-place waste is 3.0 metres deep and includes final cover material, which ranges from 0.6 to 2.1 metres in thickness. If 0.6 metres are subtracted, this leaves 2.4 metres of waste. Accordingly, the statement that "overfilling has occurred" should be retracted.

    c) The volume of material that can be added by aerial filling is limited by the following criteria:

        i) 4:1 side slopes and footprint area/configuration (long and narrow); and

        ii) the amount of cover material that can be salvaged and re-used.

    Assuming there is 2.4 metres of landfill over 0.7 hectares, including in-situ native soils between trenches, then there is approximately 16,800 m^3 of material in place. This leaves a maximum 23,200 m^3 space available (40,000 m^3 - 16,800 m^3) for additional landfill including daily and interim cover. Some of this available space is already consumed by existing final cover material, and some is lost to accommodate 750 mm of final cover over the aerial fill within the final contours.

    In effect, there is only 12,500 m^3 of space available above existing grade, excluding final cover.

    This space can be increased by the amount of existing cover material salvaged. (It is not possible to fit 40,000 m^3 of waste, plus 750 mm final cover, within the existing footprint due to its elongated configuration and existing ground elevations. To accommodate 40,000 m^3, the footprint area must increase or the amount of existing cover material salvaged must be increased.)

    It is impractical to recover all of the final cover material that has been placed. For volume calculations, we previously assumed 50 percent could be salvaged (5,000 m^3). This would produce an available volume of 17,500 m^3 for waste and interim cover.

    The final volume encapsulated within the landfill footprint at 4:1 final slopes will consist of 16,800 m^3 of waste (including in-situ soils) placed by burial, plus approximately 5,000 m^3 of unsalvageable final cover material, plus 5,000 m^3 of waste and interim cover space made available by removing 5,000 m^3 of existing final cover, plus 12,500 m^3 of space obtained for

waste and interim cover by filling aerially, plus 7,500 m^3 of final cover material to cap the landfill. The total amount of material encapsulated, including final cover and in-situ soil wedges, will be approximately 46,800 m^3. There will be a net of 39,300 m^3 of waste, interim cover and unsalvageable burial method cover, plus 7,500 m^3 is final cover beneath the contours shown on Dwg OP-1. The final volume will reflect the amount of existing cover that can be salvaged up to a total volume of 40,000 m^3 excluding final capping material.

If the 2.4 metres depth of approved landfill, or 7,200 m^3 volume, within the un-excavated footprint area of 0.3 ha is considered, then the expansion would be equal to the above 12,500 m^3 plus salvaged cover (±5,000 m^3) or 17,500 m^3 minus 7,200 m^3, or approximately 10,300 m^3.

13. As per your recommendation, we contacted Mr. Peter Taylor, Senior Environmental Officer, Ministry of Environment in Kingston regarding details on a suitable public consultation program for this proposal. It was agreed that an Open House be held to communicate the proposal to the public. The Open House was scheduled for June 3, 2004 at 3:00 p.m. with a second session at 6:30 p.m. However, the notice was only partially printed by the newspaper. Nevertheless, the Open House was held anyway because a large sign with the notice was also posted at the landfill, informing the public of the proposal with an invitation to the Open House. Two (2) people attended the Open House on June 3, 2004. A second Open House was held on June 11, 2004 at 3:00 p.m. with an evening session at 7:00 p.m. This notice was successfully advertised in the Gananoque Reporter on June 9, 2004 (proof of notice attached). A large sign was again posted at the landfill to advise the public on the proposal with an invitation to the Open House. There were no public attendees at the June 11, 2004 Open House.

Trusting that the above is satisfactory. However, please do not hesitate to contact the undersigned if you have any questions.

Yours truly,

Trow Associates Inc.

Paula A. Formanek, M. Sc. (Eng.), P. Geo.
Sr. Hydrogeologist
Branch Manager

per Jamieson S. Gourley, P.Eng.
Senior Engineer

Attachments:

cc: Peter Taylor, Senior Environmental Officer, Ministry of the Environment, Kingston, Ontario

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Trow Associates Inc.
315 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Project No.: MK14517

Monitoring Well: BW-3

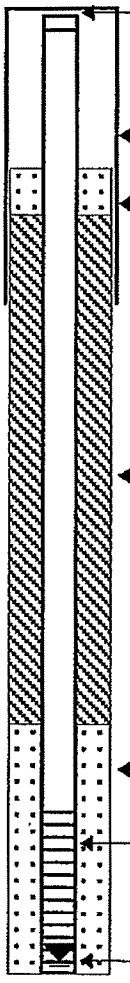
Project: Escott Waste Disposal Site

Client: Township of Leeds and the Thousand Islands

Location: 227 Escott-Rockport Road, Rockport, Ontario

Logged by: T. Virtue

SUBSURFACE PROFILE				SAMPLE			
Depth (ft / m)	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
-3 / -1		Ground Surface	0.00				
2		***Clay*** Brown					
7							
12 / 4							
17			5.18				
		Sandstone Grey	6.40				
22		***Sandstone*** Greyish Red					
27							
32 / 9							
37							
			12.80				
42		***Granite*** Red	13.41				
47 / 14		***Granite*** Redish Grey	15.55				
52		***Granite*** Red					
57							
			18.90				
62 / 19			19.20				
67		***Granite*** Redish Grey					
		End of Borehole					
72							



Drilled By: Knox Well Drilling

Hole Size: 50 mm

Drill Method: Rotary Percussion

Datum:

Drill Date: October 4, 2005

Sheet: 1 of 1

Trow Associates Inc.
315 The Woolen Mill
4 Cataraqui Street
Kingston, Ontario

Project No.: MK14517

Monitoring Well: BW-2

Project: Escott Waste Disposal Site

Client: Township of Leeds and the Thousand Islands

Location: 227 Escott-Rockport Road, Rockport, Ontario

Logged by: T. Virtue

SUBSURFACE PROFILE				SAMPLE			
Depth (ft / m)	Symbol	Description	Depth/Elev.	Moisture	Recovery	Well Completion Details	Comments
-3 / -1		Ground Surface	0.00			Piezometer stick-up 0.91 m	
		Clay Brown. Dry.	0.46			Steel casing grouted to 3.05 m	
2		***Granite*** Red/White				Bentonite	
7						Water level 2.42 m at time of drilling	
12 / 4			3.66				
		Granite Red				Silica Sand	
17			4.88				
22						Slot Size 10 Screen	
			7.92				Bottom of hole at 7.92 m
27		End of Borehole					

Drilled By: Jack Knox Well Drilling

Drill Method: Air Percussion

Drill Date: August 28, 2006

Hole Size: 50 mm

Datum:

Sheet: 1 of 1

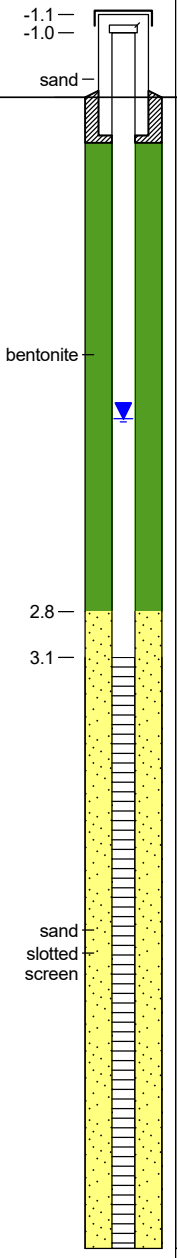
WELL LOG

Enclosure No.: 1

Project Name: **Escott WDS**		Project Number: **1038**
Client: **Township of Leeds and Thousand Islands**	Well Number: **O-MW201 (formerly OW14)**	Page: **1** of **1**
Location: **227 Escott Rockport, Mallorytown, ON**	Date Started: **2024 June 14**	Datum: **NAD 83, Zone 18T**
Drilling Contractor: **G.E.T. Drilling Ltd.**	Date Finished: **2024 June 14**	Elevation: **93.1 m**
Drilling Equipment: **CME 55**	Easting: **424935.4 m**	Northing: **4917569.4 m**
Drilling and Sampling Method: **Hollow-Stem Auger**	Logged By: **R. Gillan**	Checked By: **Z. Leger**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description
0.2			**SILTY CLAY** Trace sand, brown, soft.
2.4	90.72		**SILTY CLAY** Trace sand, debris from waste mound, brown to dark grey, soft.
3.6	89.42		**SILTY CLAY** Trace sand, dark grey, soft.
6.2	86.85		End of borehole at target depth (6.3 m).

Monitoring Well



Sample Type | Sample Number | Recovery (%) | SPT 'N' / RQD

NOTES:

Well Construction Details
0.98 m stick-up with aluminum monument
38.1 mm Sch. 40 PVC
slotted screen
3.1 m screen
#1 sand

Groundwater Monitoring Details
monitored on 2024 June 28
DTW[1]: 1.8 m
DTB[1]: 6.3 m
[1]depths are reported from grade

nr: no response on the instrument or below 1% of the lower explosive limit

BOREHOLE LOG 1038 BH LOGS.GPJ MALROZ ENGINEERING.GDT 24/8/19