TOWNSHIP OF LEEDS AND THE THOUSAND ISLANDS

Lansdowne Waste Disposal Site 2022 Annual Monitoring, Development and Operations Report

MALROZ
Environmental Scientists & Engineers

ECA No. A442003
File No. 1037-140
Submitted: April 2023

Appendix D-Monitoring and Screening Checklist
General Information and Instructions

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

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

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

Monitoring Report and Site Information	
Waste Disposal Site Name	Lansdowne Waste Disposal Site
Location (e.g. street address, lot, concession)	365 Kidd Road South, Part Lot 12, Concession 2 Lansdowne
GPS Location (taken within the property boundary at front gate/ front entry)	0416311.6m E, 4971193.8 N, NAD 83, 18T
Municipality	Leeds and Thousand Islands
Client and/or Site Owner	The Corporation of the Township of Leeds and Thousand Islands
Monitoring Period (Year)	2022
This Monitoring Report is being submitted under the following:	
Environmental Compliance Approval Number:	A442003 (ECA)
Director's Order No.:	N/A
Provincial Officer's Order No.:	N/A
Other:	N/A

Report Submission Frequency	◉ **Annual** ○ **Other**	Specify: Submitted by April 30 of the year following the calendar year covered by the report.	
The site is: **(Operation Status)**	◉ **Open** ○ **Inactive** ○ **Closed**		
Does your Site have a Total Approved Capacity?	◉ **Yes** ○ **No**		
If yes, please specify Total Approved Capacity	264387	*Units*	Cubic Metres
Does your Site have a Maximum Approved Fill Rate?	○ **Yes** ◉ **No**		
If yes, please specify Maximum Approved Fill Rate		*Units*	
Total Waste Received within Monitoring Period (Year)	3753	*Units*	Cubic Metres
Total Waste Received within Monitoring Period (Year) *Methodology*	surveyed using an Trimble R10 GNSS		
Estimated Remaining Capacity	18662	*Units*	Cubic Metres
Estimated Remaining Capacity *Methodology*	based on proposed capacity presented in the recently submitted D&O plan		
Estimated Remaining Capacity *Date Last Determined*	December 2022		
Non-Hazardous Approved Waste Types	☐ Domestic ☐ Industrial, Commercial & Institutional (IC&I) ☐ Source Separated Organics (Green Bin) ☐ Tires	☐ Contaminated Soil ☐ Wood Waste ☐ Blue Box Material ☐ Processed Organics ☐ Leaf and Yard Waste	☐ Food Processing/Preparation Operations Waste ☐ Hauled Sewage Other: Municipal waste per O.Reg 347
Subject Waste Approved Waste Classes: Hazardous & Liquid Industrial *(separate waste classes by comma)*			
Year Site Opened *(enter the Calendar Year only)*	unknown	**Current ECA Issue Date**	June 30, 2022
Is your Site required to submit Financial Assurance?	○ **Yes** ◉ **No**		
Describe how your Landfill is designed.	◉ Natural Attenuation only ○ Fully engineered Facility ○ Partially engineered Facility		
Does your Site have an approved Contaminant Attenuation Zone?	◉ **Yes** ○ **No**		

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

Groundwater WDS Verification:

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

Sampling and Monitoring Program Status:

1) The monitoring program continues to effectively characterize site conditions and any groundwater discharges from the site. All monitoring wells are confirmed to be in good condition and are secure:	○ **Yes** ◉ **No**	If no, list exceptions (Type Here): 15-2 and MW301 were observed to be damaged and were subsequently repaired.
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**
MW101	insufficient water	May 11 and November 1, 2022
MW301	damage to piezometer (likely from farming operations) prevented monitoring and sampling	October 31, 2022
MW15-2	damage to piezometer (likely from farming operations) prevented monitoring and sampling	May 11, 2022

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

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

Groundwater CEP Declaration:

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

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

Recommendations:

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

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

Name:	John Pyke, P.Geo.		
Seal:	Add Image		
Signature:		**Date:**	April 24, 2023
CEP Contact Information:	John Pyke, P.Geo.		
Company:	Malroz Engineering Inc.		
Address:	308 Wellington St., 2nd Floor, Kingston ON		
Telephone No.:	613-548-3446 ext. 34	Fax No. :	Type Here
E-mail Address:	pyke@malroz.com		
Co-signers for additional expertise provided:			
Signature:		**Date:**	Select Date
Signature:		**Date:**	Select Date

Surface Water WDS Verification:

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

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

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

Sampling and Monitoring Program Status:

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

Surface Water Sampling Location	Description/Explanation for change (change in name or location, additions, deletions)	Date

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

Surface Water Sampling Location	Description/Explanation for change (change in name or location, additions, deletions)	Date
Type Here	Type Here	Select Date

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

Sampling and Monitoring Program Results/WDS Conditions and Assessment:

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

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

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

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

Surface Water CEP Declaration:

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

Recommendations:

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

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

CEP Signature	
Relevant Discipline	Professional Geoscientist with relevant experience and training.
Date:	April 24, 2023
CEP Contact Information:	John Pyke, P.Geo.
Company:	Malroz Engineering Inc.
Address:	308 Wellington St., 2nd Floor, Kingston ON
Telephone No.:	613-548-3446 ext. 34
Fax No. :	Type Here
E-mail Address:	pyke@malroz.com

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Notice To Reader

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

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

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

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

Respectfully Submitted,

MALROZ ENGINEERING INC.

per: Jessie Payeur, E.I.T.
Engineer in Training

and: John Pyke, P.Geo.
Project Manager

PROFESSIONAL GEOSCIENTIST
JOHN ROBERT PYKE
PRACTISING MEMBER
1855
ONTARIO

LICENSED PROFESSIONAL ENGINEER
P.R. KLINK
100057540
PROVINCE OF ONTARIO

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

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1 Introduction

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

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

Malroz Engineering Inc. (Malroz) was retained by TLTI to conduct the semi-annual monitoring of the groundwater and surface water, and report on the development and operations of the Site. This document presents the methodology, results and interpretation related to the monitoring and sampling program conducted at the Site in 2022. This report was prepared on behalf of the TLTI, using data collected by Malroz and other available information provided by TLTI staff.

1.1 Ownership and Key Personnel

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

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

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

2 Background

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

2.1 Description of Site

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

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

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

2.2 Geological Setting

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

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

2.3 Hydrogeological Setting

Groundwater at the site is split into two units, overburden and bedrock, which appear to have some hydrogeologic connection. Upward vertical hydraulic gradients are observed to the immediate east of the landfill, indicating bedrock groundwater may discharge to the overburden. Downward vertical hydraulic gradients are observed at monitoring well nests to the north and far east of the landfill and indicate recharge of the bedrock in these areas.

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

2.4 Surface Water Features

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

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

2.5 Environmental Compliance Requirements – Landfill Monitoring

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

2.6 Ministry Communication

An Amended ECA was approved for the site June 30, 2022. This amended ECA includes provisions for leaf and yard waste composting, and details for eventual landfill closure, and acts as a summary of decisions based on correspondence.

2.7 Complaints

During the 2022 monitoring period, no complaints were brought to Malroz's attention by TLTI.

3 Development and Operations

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

3.1 Waste Disposal Site Description

The Site operates under amended ECA A442003, which permits a 9.2 hectare waste disposal and transfer site a total site area of 22.4 hectare including 12.7 hectare of contamination attenuation zone (CAZ) and 3.7 hectare of buffer lands for disposal of municipal non-hazardous waste, transfer station for accepting cans, plastics, scrap metal, tires, paper, cardboard, electronics, and non-refrigerant white goods and composting of leaf and yard waste (Figure 2, Appendix A, and Appendix C).

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

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

3.2 Site Access

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

3.3 Service Area and Population

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

3.4 Site Operation

The Site operates Monday, Tuesday, Thursday, Friday, and Saturday from 8:30 a.m. to 4:30 p.m 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.

No spills or emergencies, as described by condition 5 of the ECA, occurred at the Site in 2022.

In 2022, 17 loads were refused at the site because the waste originated outside the township.

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 2022 include

- birds, cats, racoons, and/or skunks on several occasions, and
- trash and electronics left at the gate when Site is closed.

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

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

3.5 Phasing of Site Usage

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

Metals and tires are received in separate areas/bins and disposed of separately off-site. Recyclables are transported by Environmental 360 Solutions Inc. to their facility in Napanee, Ontario, for processing.

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

3.6 Record Keeping

Field notes and Site records are maintained at the Township offices, located at 1233 Prince Street, Lansdowne, Ontario. Daily site inspections are conducted by the TLTI staff on days when the landfill was open to the public. Inspection results are recorded on daily field sheets which are included in Appendix F.

3.7 Waste Diversion

Recycling bins are maintained on site to divert material from the landfill. Tire drop-offs are accepted, as well as white goods (drained of refrigerant prior to acceptance). These items are also transferred from the Briar Hill and Escott Landfills. Removal and processing of the recycling materials is completed by Environmental 360 Solutions. The hours of operation for the recycling depot are the same hours as those for the landfill.

3.8 Remaining Site Capacity

Based on a survey completed December 21, 2022, the remaining capacity is approximately 18,700 m^3, including cover (Figure 5, Appendix A). The survey identified a total of approximately 3,750 m^3 of waste deposited in 2022. The estimated remaining capacity of the site is approximately four or five years using an average rate of fill of approximately 4,000 m^3 per year (based on data from 2017-2022).

4 Site Surveillance, Monitoring, and Sample Program Scope

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

4.1 Site Surveillance

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

4.2 Well Inspection

Well inspections are undertaken during all 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 well bottom, and combustible gas vapours. During purging of groundwater, visual and olfactory observations are noted and recorded.

Groundwater sampling was conducted using dedicated Waterra tubing equipped with a foot-valve. Prior to sampling, three to five well volumes of groundwater were purged from each well or, wells were pumped dry three times. At the completion of purging, water quality was monitored using a Horiba multi-parameter instrument for temperature,

pH, dissolved oxygen, oxidizing/reducing potential, conductivity, and turbidity. 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 8 of the amended ECA (Appendix C), the groundwater monitoring plan consists of sixteen overburden monitoring wells (11-1, 11-2, 11-3, 11-4, 11-6, 11-7, 91-1, 91-3, 91-4, 15-1 (formerly 03-2), 15-2, MW101, MW103, MW105, MW106, MW202), six bedrock wells (MW103, MW104, MW107, MW201, MW203, and MW301), and one drinking water well (572 Eden Grove Road) tested for lab and field parameters. Wells 11-1, 11-2, 11-4, M105, MW106, MW107 and MW203 are sampled via low flow methods using a peristaltic pump. Low flow sampling is undertaken to reduce impacts from entrained sediments in background and leachate wells. Low flow sampling is incorporated whenever PFAS or VOC samples are collected.

Volatile organic compounds (VOC) are analysed in years ending in 3 or 8.

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

This information is summarized in Appendix C.

4.4 Surface Water Monitoring Program

The surface water monitoring program includes collecting samples at three active surface water sampling stations located along the adjacent tributary to Morton Creek: SW1, SW4 and SW5 (Figure 2, Appendix A). Station SW1 is used as the background station. Surface water station locations (UTMs) and observations are summarized in Table 2 (Appendix B).

4.5 Compliance Criteria and Leachate Indicator Parameters

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

Disposal Sites and Table B: Alternative Review Criteria (MOE 2010) are used as reference criteria to evaluate surface water conditions and compliance.

At this Site, potential, core, and compliance leachate indicator parameters (LIP) have been identified for the site. Alkalinity, aluminum, ammonia, barium, boron, chloride, cobalt, conductivity, DOC, hardness, iron, manganese, magnesium, potassium, sodium, sulphate, strontium, TDS, and Total Kjeldahl Nitrogen (TKN) are considered potential LIPs, and ammonia, boron, cobalt, DOC, hardness, iron, manganese, sulphate, strontium are considered core LIPs. Compliance LIPs at this site are boron, DOC, hardness, iron, manganese, sulphate, and PFAS.

4.6 Deviations from the Monitoring Plan

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

- MW15-2 was not sampled in the spring as it had been damaged;
- MW101 was not sampled in the spring as it was observed to be dry;
- SW12 was not sampled in the spring as there was insufficient water to collect a sample;
- MW301 was not sampled in the fall as it had been damaged; and,
- The residential wells at 379 and 391 Eden Grove Road were not sampled as access had not been granted by the owners.

4.7 Data Quality Evaluation

Malroz collected one duplicate sample during each of the February 3, August 21 and October 28, sampling programs. Duplicate samples were analyzed for PFAS parameters and are presented in Table 8 (Appendix B).

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

5 Site Inspection Results

Site inspections were undertaken by Malroz during the 2022 sampling events.

5.1 Site Inspection

Dust was observed on site during the spring inspection, and litter was observed along the western fence and near the entrance gate.

Litter and piles of garbage along the side road was noted at the fall sampling event. Ponded water around the site was also noted.

5.2 Well Inspection

Results of the well inspections are summarized in Table 3 (Appendix B). Copies of the site inspections completed by Malroz staff in 2022 are included in Appendix G. Site photographs of sampling locations are presented in Appendix D.

Monitoring wells at the Site were observed to comply with O. Reg. 903 with the exception of 15-2 and MW301 which were observed to be damaged.

5.3 Methane

Methane concentrations detected in the landfill vents located at the site were detected between 4 % of the LEL and >100 % of the LEL, indicating they are functioning.

Results of the methane monitoring are summarized in Table 5 (Appendix B).

6 Groundwater Monitoring Program Results

Groundwater was tested in accordance with the monitoring plan (Appendix C). The Site has both overburden and bedrock wells.

6.1 Groundwater Flow

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

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

Bedrock groundwater elevation monitoring indicates a predominantly easterly flow to the from the currently active waste fill sites (Figure 4a-b, Appendix A), similar to previous analyses. As discussed in previous reports, groundwater elevations at bedrock wells are

greater than the inverts of the adjacent ditch suggesting potential bedrock discharge to the watercourse.

6.2 Groundwater Quality

Results for the 2022 groundwater chemical analyses are presented in Tables 7 to 9 (Appendix B). Laboratory certificates of analysis are provided in Appendix H, and historical results are found in Appendix I.

6.2.1 Shallow Groundwater Observations

Overburden groundwater sample analysis results are found in Table 7a (Appendix B), with historical results in Appendix I. Groundwater compliance has north and south zones.

Compliance LIPs in the shallow groundwater are measured leachate monitoring well 11-2, downgradient monitoring wells 11-6, 11-7, 91-1, and 91-4, compliance wells 11-1, 11-3, 91-3, 15-1, 15-2, MW105, MW106, and MW202, and background wells 11-4 and MW103.

- Leachate well 11-2, and compliance wells 11-3, 15-1, and MW106 exceeded the PWQO for boron. Compliance wells 11-1, 91-3, 15-2, MW103, MW105, and MW202 were below the ODWS and PWQO for boron.

- Leachate well 11-2, background wells 11-4 and MW103, downgradient wells 11-6, 11-7, 91-1, and 91-4, and compliance wells 15-1, 15-2, and MW106 exceeded the OWDS for DOC. Compliance wells 11-1, 11-3, 91-3, MW105, and MW202 were below the ODWS and PWQO for DOC.
- Results from all wells exceeded the OWDS for hardness.
- Downgradient monitoring wells 11-6, 11-7, and 91-4, compliance wells 11-1, 11-3, 91-3, 15-1, MW106, and MW202, and background wells 11-4 and MW103 exceeded the OWDS for iron. Leachate monitoring well 11-2, background wells 11-4 and MW103, downgradient well 91-1, compliance wells 15-2, MW105, MW104, MW201, MW202 were below the ODWS and PWQO for iron.
- Leachate well 11-2, compliance wells 11-1, 11-3, 15-1, MW103, and MW105 exceeded the OWDS for manganese. Background well 11-4, compliance wells, 15-2, and MW106 met the ODWS for manganese.
- None of the shallow groundwater samples exceeded the ODWS or PWQO for sulphate.
- PFAS was analyzed from samples from leachate well 11-2, and compliance wells MW105, MW106, MW202, and 572 Eden Grove Road. The results are

summarized in Table 8 (Appendix B). Leachate well 11-2 exceeded the Heath Canada PFAS screening values for Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluorooctanoic acid (PFOA), and Perfluoropentanoic acid (PFPeA); thus, exceeding the value of PFOA & PFOS. The sum of all reported PFAS component concentrations in lechate well 11-2 also exceeded the Ministry Drinking Water Screening Values for Perfluorinated Chemicals. Compliance well MW106 also exceeded the Drinking Water Screening Values. Sample analyses results from compliance wells MW105 and MW202 were below guideline criteria.

Elevated levels of other parameters over criteria phosphorus, TDS, aluminium, and copper were noted in most wells, including background wells 11-4 and MW103.

6.2.2 Deep Groundwater Observations

Bedrock groundwater sample analysis results are found in Table 7b (Appendix B), with historical results in Appendix I.

Compliance LIPs are measured leachate monitoring well MW107 and compliance wells 11-1, 11-3, MW105, and MW202 are used to evaluate north compliance, MW 106 is used to evaluate east compliance, and 91-3, 15-1, and 15-2 are used to evaluate south compliance. 11-4 and MW103 are overburden background wells.

- Leachate well MW107, and compliance wells MW203 and MW301 exceeded the PWQO for boron. Compliance wells MW104 and MW201 were below the ODWS and PWQO for boron.
- Leachate well MW107 exceeded the OWDS for DOC. Compliance wells MW104, MW201, MW203, and MW301 were below the ODWS and PWQO for DOC.
- Background well MW102, leachate well MW107, compliance wells MW104, MW201, MW203, and MW301 exceeded the OWDS for hardness.
- Background well MW102, leachate well MW107 exceeded the OWDS for iron. Compliance wells MW104, MW201, MW203, and MW301 were below the ODWS and PWQO for iron.
- Background well MW102, leachate well MW107, compliance wells MW104 and MW301 exceeded the OWDS for manganese. Neither compliance wells MW201 nor MW203 exceeded the ODWS or PWQO for manganese.
- None of the shallow groundwater samples exceeded the ODWS or PWQO for sulphate.
- PFAS was analyzed from samples from leachate well 11-2, and compliance wells MW104, MW201, MW301, and 572 Eden Grove Road. The results are

summarized in Table 8 (Appendix B). Leachate well 11-2 exceeded the Heath Canada PFAS screening values for Perfluoroheptanoic acid (PFHpA), Perfluorohexanoic acid (PFHxA), Perfluorooctanoic acid (PFOA), and Perfluoropentanoic acid (PFPeA); thus, exceeding the value of PFOA & PFOS. The sum of all reported PFAS component concentrations in leachate well 11-2 also exceeded the Ministry Drinking Water Screening Values for Perfluorinated Chemicals. Compliance wells MW201 and MW203 also exceeded the Drinking Water Screening Values. Sample analyses results from compliance wells MW104 and MW301 were below guideline criteria.

Elevated levels of other parameters over criteria including phosphorus, TDS, aluminium, and copper were noted in most wells, including background wells 11-4 and MW103.

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

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

7 Surface Water Monitoring Program

Surface water was tested in accordance with the monitoring plan (Appendix C).

7.1 Surface Water Flow

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

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

7.2 Surface Water Quality

Results for the 2022 surface water chemical analyses are presented in Table 10 (Appendix B). Laboratory certificates of analysis are provided in Appendix H, and historical results are found in Appendix I.

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

- None of the surface water station samples exceeded the PWQO, Table A: Assessment Criteria for Waste Disposal Sites, or Table B: Alternative Review Criteria for boron, DOC, hardness, manganese, or sulphate.
- Levels of iron above the Table A: Assessment Criteria for Waste Disposal Sites and/or PWQO, were noted in background station SW4, and downstream stations SW8, SW12 and SW14 in the north, as well as background station SW15, and downstream stations SW1, SW11, and SW13 in the south.

As the samples collected from the downstream sampling locations had similar concentrations to the samples collected from the background sampling locations, we have inferred that the elevated iron concentrations are naturally occurring.

8 Guideline B-7 Reasonable Use Policy Assessment

Additional groundwater CAZ lands were proposed to the east as shown on Figure 2. Further monitoring in 2022 indicates that the proposed CAZ remains appropriate. We understand that the Township is working through the process of obtaining the CAZ.

8.1 Reasonable Use Policy

The ECA requires that the Site follow the MECP Guideline B-7 “Incorporation of the Reasonable Use Concept into MOEE Groundwater Management Activities” to assess groundwater quality. Reasonable Use Limits (RULs) have been calculated for the analyzed parameters with corresponding ODWS (see Appendix K) for the overburden and bedrock aquifers.

Northern Property Boundary

Results of the PFAS sampling, bedrock and ditch survey, and groundwater monitoring data confirm leachate is not migrating past the northern watercourse and that leachate is discharging to the surface water (See Section 7.1). Therefore, the northern extent of the landfill is considered to be in compliance with the RUP, and surface water monitoring will be used to monitor ongoing compliance.

Eastern Property Boundary

Exceedances of the overburden RULs at the eastern most well, MW106, are limited to alkalinity, DOC, hardness, TDS, barium, and iron. Exceedances of the bedrock RULs at

MW203 are limited to hardness. Based on the presence of PFAS at these well locations, exceedances of the RULs may be leachate related and the Site is not in compliance with the B-7 reasonable use policy at its eastern border.

MW301 (installed in July 2021), at the eastern most well within the proposed CAZ, did not exceed the RULs. PFAS was marginally above detection limits in May 2023, a sample was not collected during the fall sampling event as the well has been damaged. With the further proposed CAZ lands our interpretation is the site would be in compliance with the RUP.

Northeastern Property Boundary

Exceedances of the overburden RULs at the northeastern extent of the property (MW202) have been reported for hardness, TDS, and barium. Exceedances of the bedrock RUL (MW201) are limited to TDS, nitrate, arsenic, sodium, and uranium. PFAS analyses at these wells do not indicate leachate impacts. Exceedances of the RULs at this location are anticipated to be related to background conditions. In our opinion the site is in compliance with the RUP.

Northwestern Property Boundary

Exceedances of the overburden RULs at the northwestern extent of the property (11-3) have been reported for hardness, TDS, chloride, aluminum, iron, and manganese. Exceedances of the RULs may be related to landfill leachate. Based on our understanding of the groundwater/surface water interaction at the Site (Section 7.1), impacts are not anticipated to extend beyond the northern watercourse to the northwest of the Site.

Western Property Boundary

Groundwater flow at the site is predominantly east in both the overburden and bedrock and wells to the west represent background conditions. Compliance with the B-7 RUP to the west is inferred.

Southern Property Boundary

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

The purchase of additional CAZ to the east of the existing CAZ is underway. When the groundwater rights are purchased as indicated on the figure our conceptual understanding is that the site would be incompliance with guideline B-7. Further evaluation of this compliance will be completed through 2023.

9 Conclusions and Recommendations

The Lansdowne Site is an active waste disposal site and transfer station which accepts non-hazardous solid waste, operating in compliance with the ECA. Based on the approved capacity of the site and the volume of waste deposited to date, the landfill has an estimated lifespan of four or five years. We offer the following conclusions for consideration:

i. The site has a remaining capacity of 18,700 m^3 and an estimated remaining lifespan of approximately 4 or 5 years.
ii. Except for two damaged wells (15-2 and MW301), monitoring wells were observed to be in good to fair condition and in compliance with O. Reg. 903/90. These two wells were repaired in December 2022.
iii. Results of the PFAS analyses indicate non-compliance with the B-7 Reasonable Use Policy at the eastern boundary of the east CAZ, though in compliance at new monitoring well MW301.
iv. Groundwater impacts to the south of the site are expected to discharge to the nearby wetland and southern drainage feature. Compliance to the south is determined by the surface water monitoring program.

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

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

- Considering the results of drinking water analyses from 379 and 391 Eden Grove Road in the 2021 AMDOR and the delineation provided by monitoring wells MW201, MW202 and MW301, 379 Eden Grove Road and 391 Eden Grove Road should no longer be sampled.
- Purchase of the proposed lands to the northwest and to the east as indicated on Figure 1 Appendix A to extend the CAZ.
- After CAZ land purchase is complete, consider removing monitoring wells

MW104 and MW105 from the sampling program, remove monitoring wells 11-6 and 11-7 from the sampling program as monitoring wells MW106, MW203 and MW301 characterize groundwater quality in the east, remove monitoring well 91-4 from the sampling program as monitoring wells with 91-1, 15-1, 15-2 and 91-3 provide coverage to the southwest.

- Pending review of historic results, remove wells from the VOC sampling program to only include select wells that are in the vicinity of the waste mound (next sampling proposed for 2023)

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

10 References

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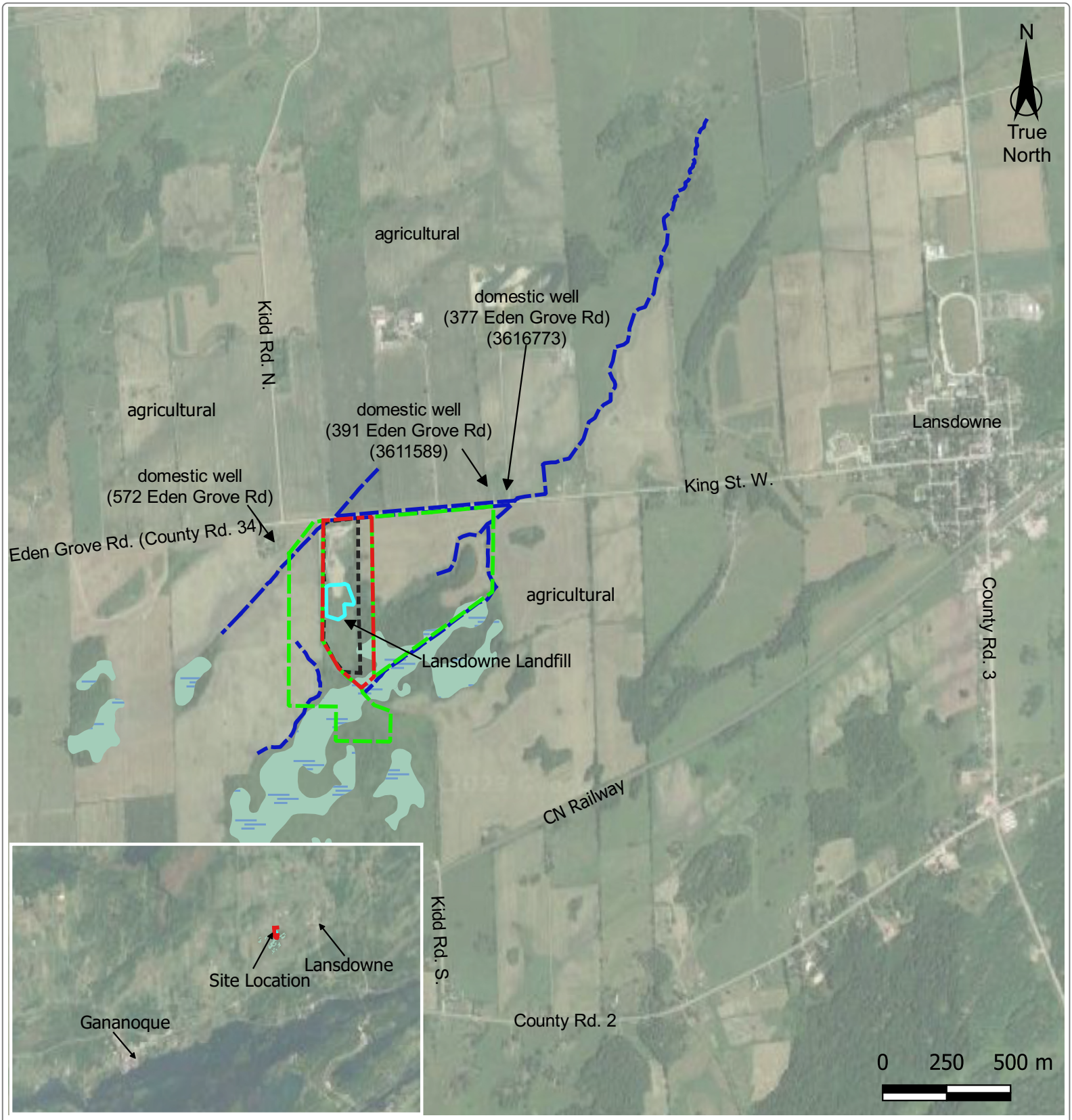
Appendix A
Figures



Legend

- approximate property boundary
- approximate buffer zone
- approximate CAZ
- stream
- wetlands

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

Site Location

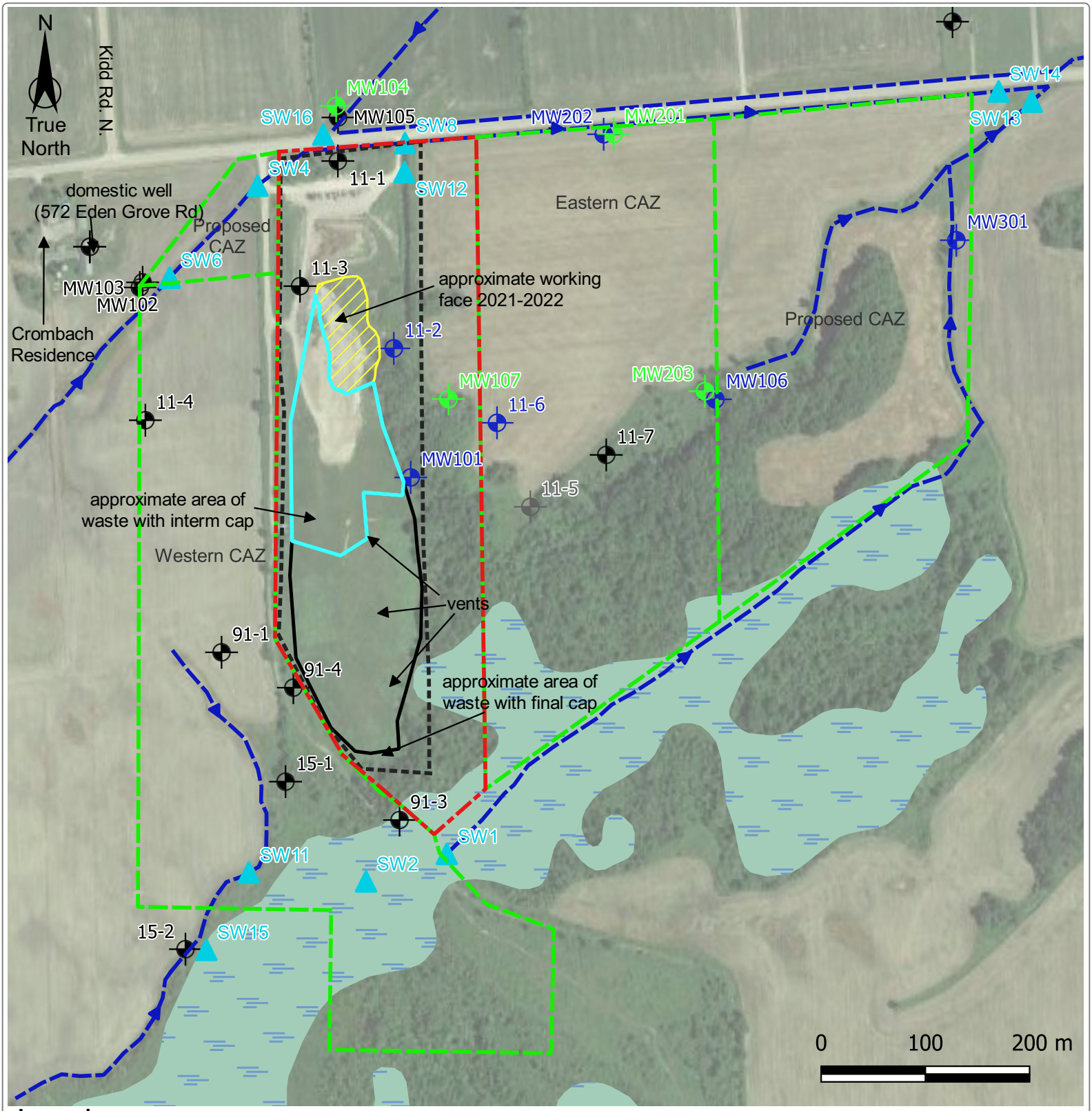
2022 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-140

Figure 1

MALROZ

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



Legend

- approximate property boundary
- approximate CAZ
- approximate fence line
- stream
- wetlands
- existing monitoring well
- overburden monitoring well installed by Malroz
- bedrock monitoring well installed by Malroz
- damaged/destroyed monitoring well
- surface water station

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

Site Plan

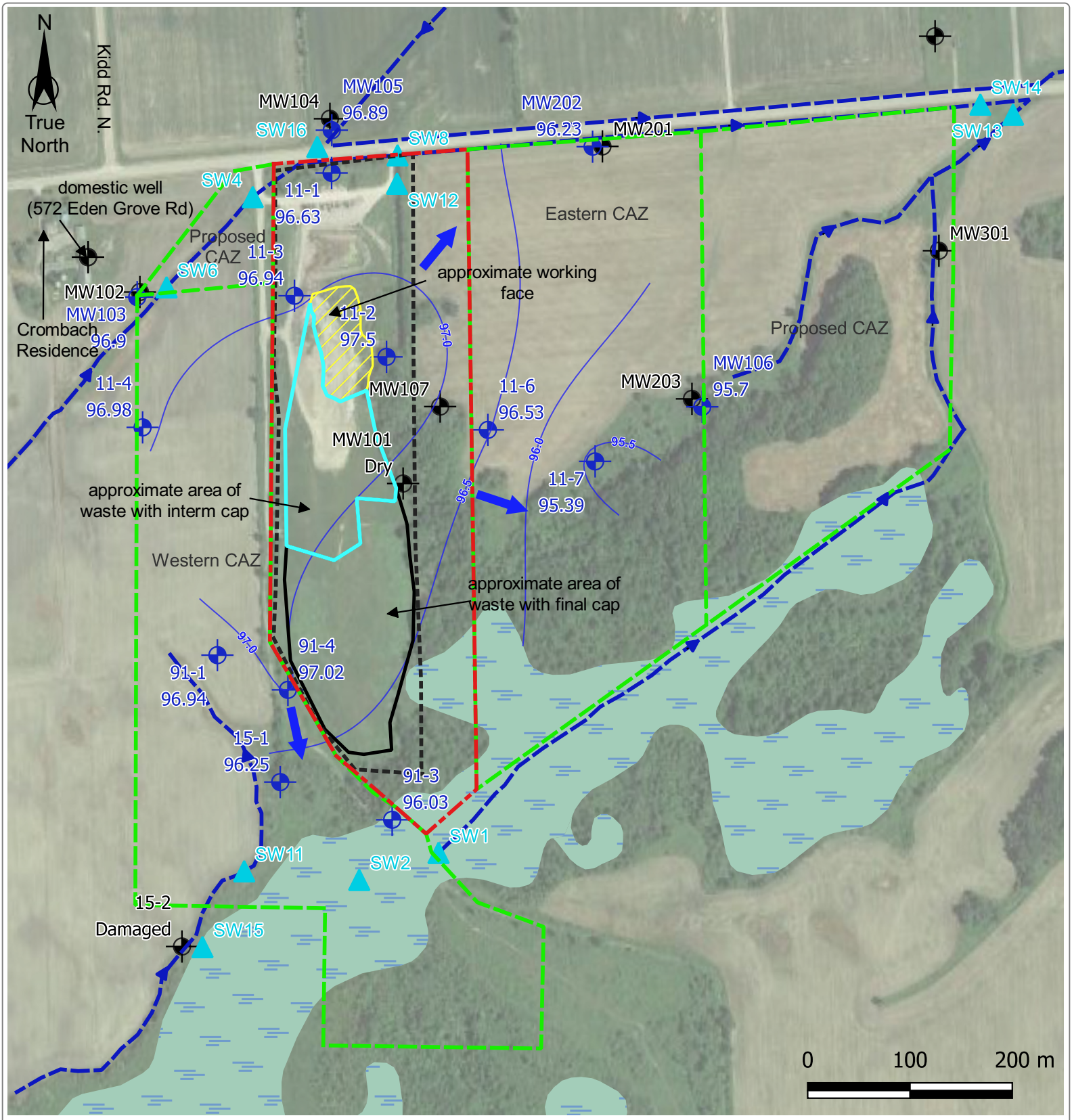
2021 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-137

Figure 2

MALROZ

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



Legend

- approximate property boundary
- approximate CAZ
- fence line
- stream
- wetlands
- inferred groundwater flow direction
- SW Sample Location
- monitoring well not used in interpolation
- bedrock monitoring well location and groundwater elevation (May 2022)
- inferred groundwater contours (May 2022)

Data Sources:Figure based on Malroz field observations, Google Earth imagery and the strata Plan 9204 MR1_STRATA, preparedby Collett surveying Ltd and registered to the title on June 1, 2017

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

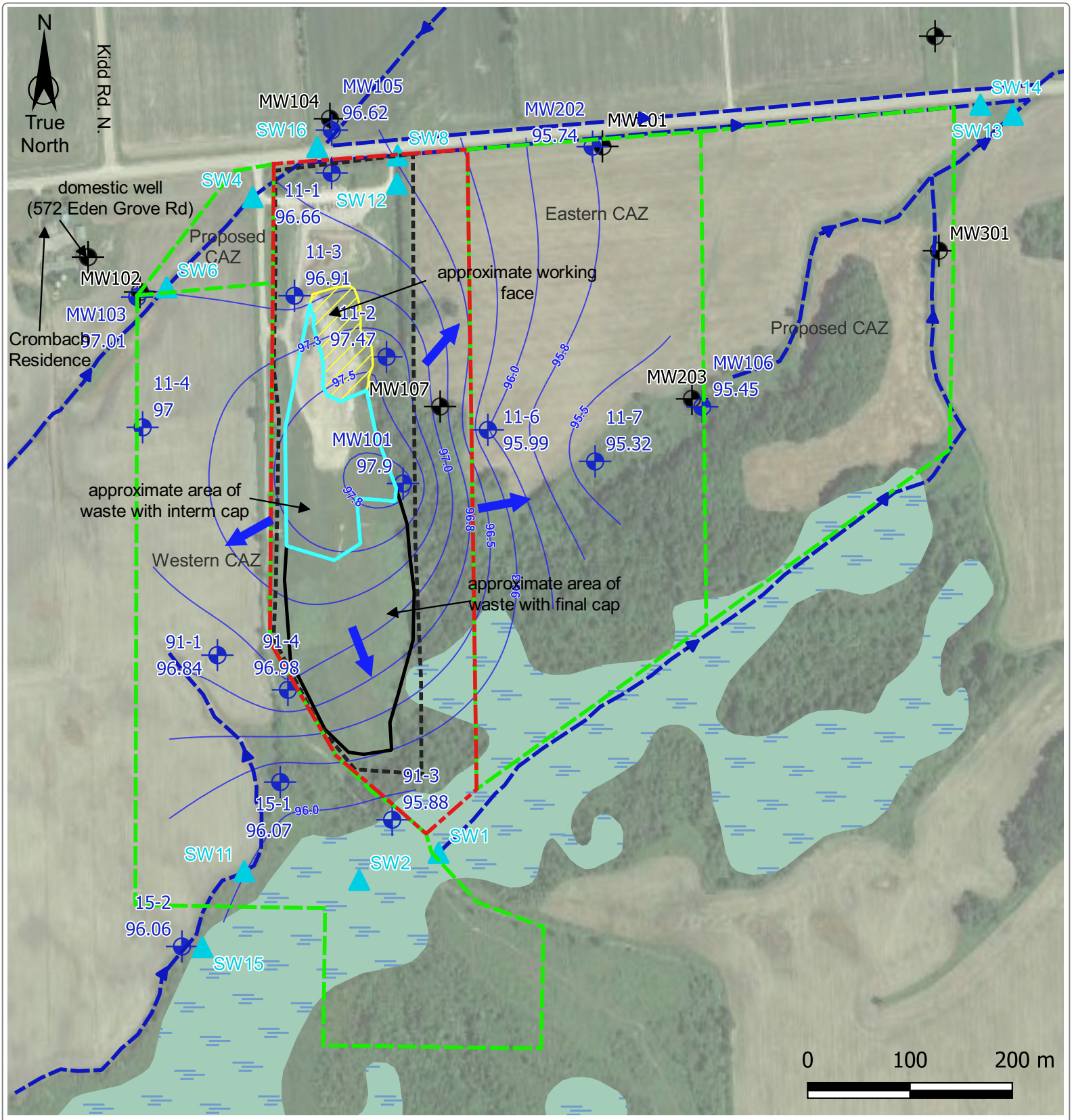
Inferred Overburden Groundwater Contours (May 2022)

2022 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-140

Figure 3a

MALROZ



Legend

- approximate property boundary
- approximate CAZ
- fence line
- stream
- wetlands
- inferred groundwater flow direction
- SW Sample Location
- monitoring well not used in interpolation
- bedrock monitoring well location and groundwater elevation (October 2022)
- inferred groundwater contours (October 2022)

Data Sources:Figure based on Malroz field observations, Google Earth imagery and the strata Plan 9204 MR1_STRATA, preparedby Collett surveying Ltd and registered to the title on June 1, 2017

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

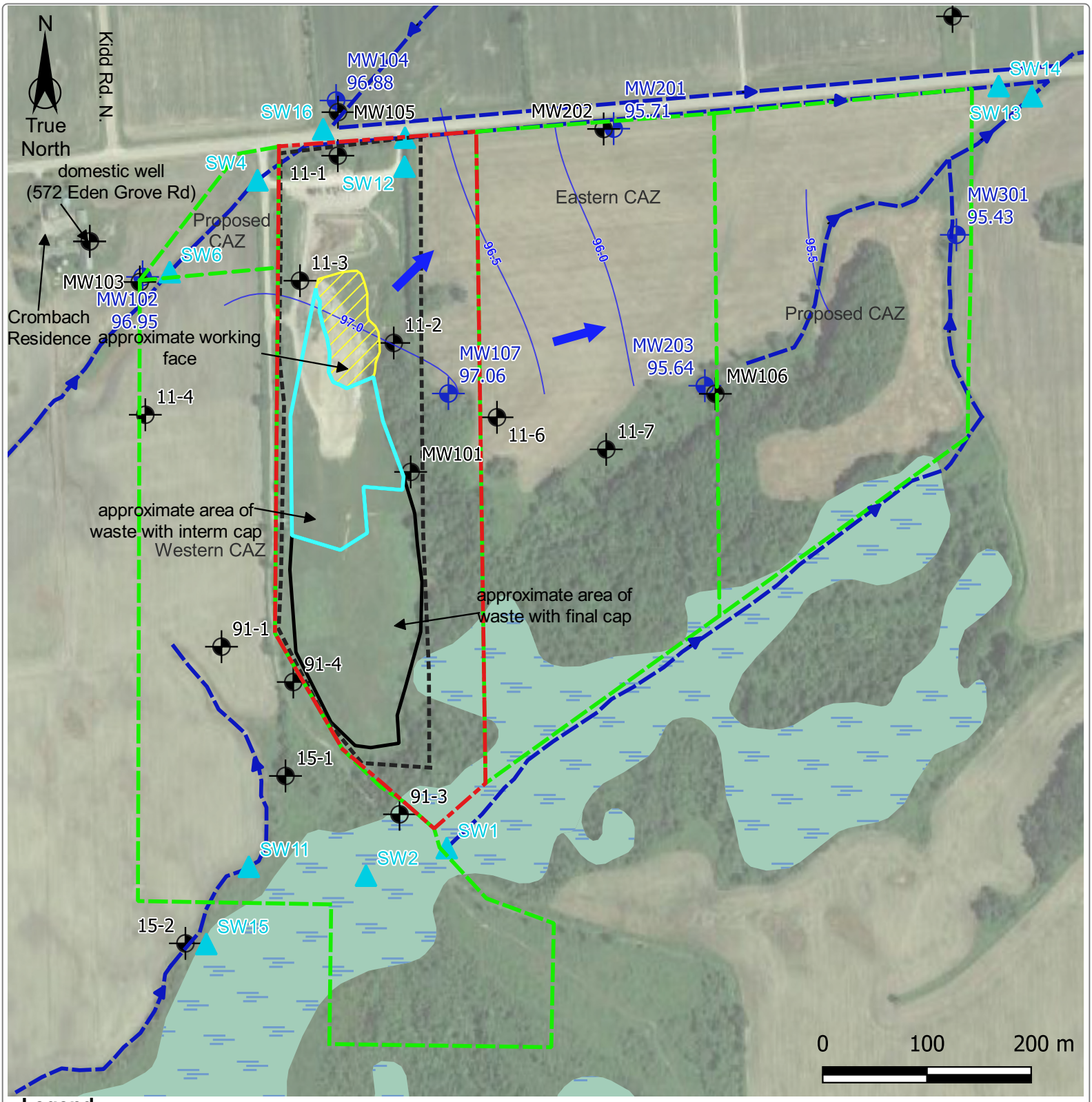
Inferred Overburden Groundwater Contours (October 2022)

2022 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-140

Figure 3b

MALROZ



Legend

- approximate property boundary
- approximate CAZ
- approximate interim cover
- fence line
- stream
- inferred groundwater flow direction
- wetlands
- inferred groundwater contours (May 2022)
- monitoring well not used in interpolation
- bedrock monitoring well location and groundwater elevation (May 2022)

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

Inferred Bedrock Groundwater Contours (May 2022)

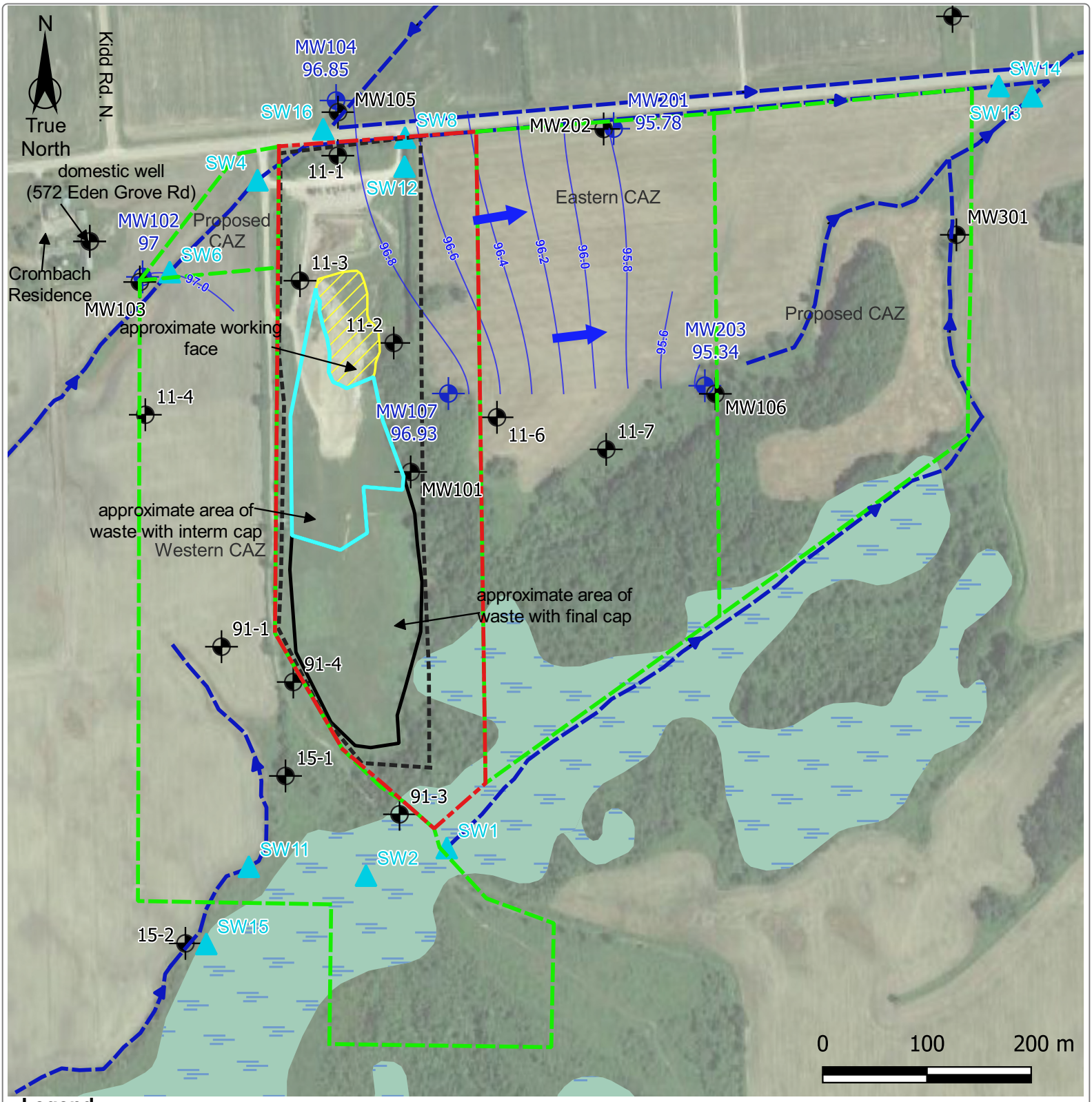
2022 Annual Monitoring Report
Lansdowne Waste Disposal Site
Township of Leeds and the Thousand Islands

File: 1037.00-140

Figure 4a

MALROZ

Data Sources:Figure based on Malroz field observations, Google Earth imagery and the strata Plan 9204 MR1_STRATA, preparedby Collett surveying Ltd and registered to the title on June 1, 2017



Legend

- approximate property boundary
- approximate CAZ
- approximate interim cover
- fence line
- stream
- inferred groundwater flow direction
- wetlands
- inferred groundwater contours (October 2022)
- monitoring well not used in interpolation
- bedrock monitoring well location and groundwater elevation (October 2022)

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

Inferred Bedrock Groundwater Contours (October 2022)

2022 Annual Monitoring Report
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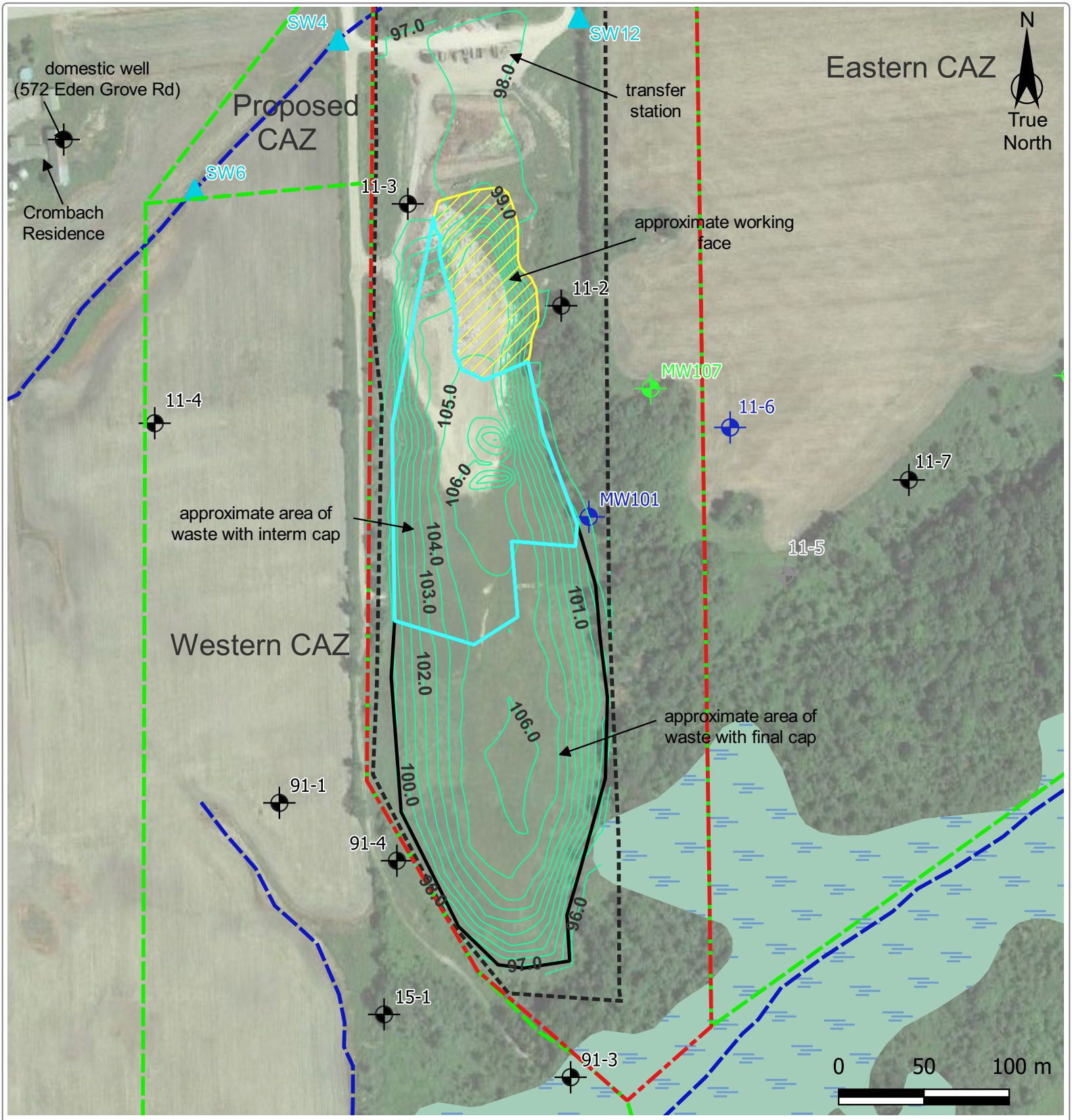
File: 1037.00-140

Figure 4b

MALROZ

Data Sources:Figure based on Malroz field observations, Google Earth imagery and the strata Plan 9204 MR1_STRATA, preparedby Collett surveying Ltd and registered to the title on June 1, 2017



Legend

- approximate property boundary
- approximate CAZ
- fence line
- stream
- wetlands
- waste contours (2022)
- SW Sample Location

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

2022 Waste Pile Topographic Survey

2022 Annual Monitoring Report
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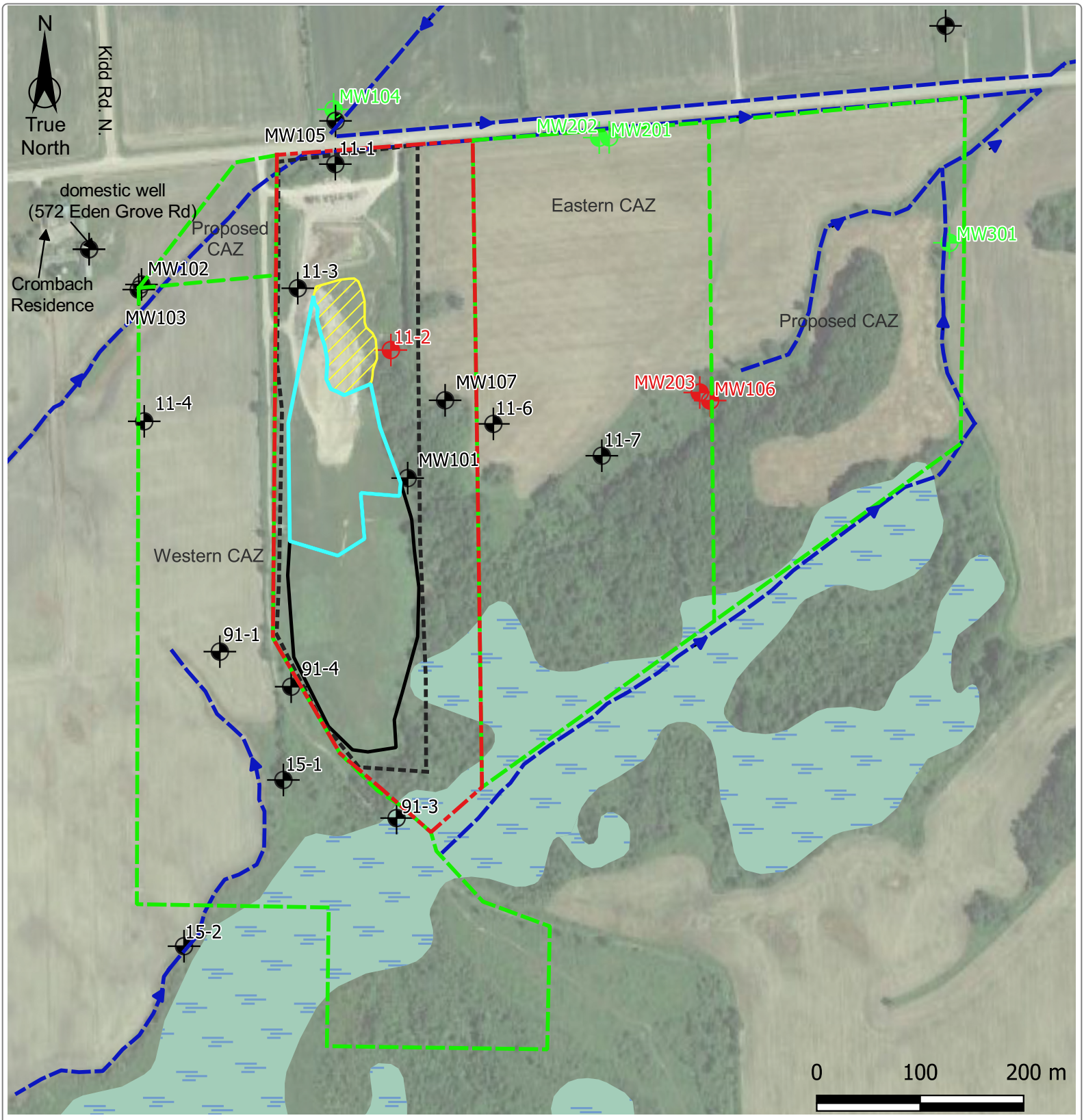
File: 1037.00-140

Figure 5

MALROZ

Data Sources:Figure based on Malroz field observations and Google Earth imagery. Waste contours digitally interpolated based on Malroz survey data. Elevations adjusted as survey referenced was changed to geodetic using a GNSS Trimble R10



Legend

- approximate property boundary
- approximate CAZ
- approximate fence line
- stream
- wetlands
- monitoring well not sampled for PFAS
- monitoring well containing PFAS at concentrations above MECP Drinking Water Screening Values for Perfluorinated Chemicals
- monitoring well meeting the MECP Drinking Water Screening Values for Perfluorinated Chemicals

Rev	Date	Description	By	Chkd
D0	2023-04-14	issued in final	CM	PK

PFAS Sampling Results

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Township of Leeds and the Thousand Islands

File: 1037.00-140

Figure 6

MALROZ

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

Appendix B
Tables

Table 1
Groundwater Monitoring Well Description

Well	Elevation		UTMs (NAD 83, Zone 18)		Notes
	TOP	Grade	Northing (m)	Easting (m)	
91-1	98.61	97.83	4916714	416268	located southwest of the waste fill area within an agricultural field owned by the Township.
91-3	97.52	96.20	4916564	416427	located south of the waste fill area along the unopened portion of the Kidd Road South road allowance.
91-4	98.32	97.36	4916670	416341	located southwest and nearly adjacent to the waste fill area along the unopened portion of the Kidd Road South Road allowance.
11-1	97.71	96.98	4917187	416382	located at the northern property boundary, north of the transfer station area, and south of both Eden Grove Road and the ditch along the southern side of Eden Grove Road. 11-1 is sited in order to be a replacement for historical monitoring well 89-6.
11-2	98.94	98.34	4917006	416430	located in the east landfill
11-3	98.09	97.39	4917061	416343	located north of the waste fill area within the buffer zone between Kidd Road and the on-site access road. 11-3 is intended to replace 89-4.
11-4	98.58	97.71	4916942	416184	located west of the waste fill area at the western property boundary and represents the background groundwater water quality for the Site.
11-6	97.97	97.01	4916938	416521	located east of the Site along the eastern boundary of the agricultural field and was advanced to delineate leachate impacts to the east of the Site.
11-7	96.47	95.49	4916895	416617	located east of the Site along the southern boundary of the agricultural field and was advanced to delineate leachate impacts to the east of the Site.”
15-1	97.42	96.61	4916609	416336	located southwest of the waste fill area on the east edge of the agricultural field owned by the township.
15-2	96.91	96.03	4916427	416234	located southwest of the waste fill area at the southern edge of the agricultural field owned by the township.
MW101	101.75	100.84	4916881	416447	located along the east side of the landfill within the waste mound.
MW102	98.35	97.47	4917088	416178	bedrock well, located at the northwest corner of the CAZ to the west of the landfill.
MW103	98.38	97.43	4917088	416177	located at the northwest corner of the CAZ to the west of the landfill.
MW104	96.88	96.99	4917233	416371	bedrock well, located north of the landfill across Eden Grove Road.
MW105	97.99	97.13	4917232	416371	located north of the landfill across Eden Grove Road.
MW106	96.70	95.87	4916976	416743	located at the eastern extent of the eastern CAZ.
MW107	98.28	97.40	4916965	416479	bedrock well located east of the landfill. Installed in February 2018.
MW201	97.37	96.59	4917222	416640	bedrock well located east of landfill. Installed in October 2019.
MW202	97.36	96.60	4917222	416639	overburden well located east of landfill. Installed in October 2019.
MW203	96.79	95.96	4916977	416742	bedrock well located east of landfill. Installed in October 2019.
MW301	96.42	95.64	4917113	416984	overburden well located east of landfill. Installed in July 2021.

Data Input: SG
Data Check: CM

Notes: UTM coordinates reference NAD 83 datum, Zone 18
"- " denotes data not available / well not measured / well not located
"nr" denotes no response
monitoring wells 91-2 and 11-5 are inferred to be destroyed, therefore are not included in this table.

Elevations based on survey data completed by Malroz Engineering on December 2, 2019, and August 31, 2021 (MW301) using a Trimble R10 GNSS

Table 2
Surface Water Station Descriptions

Station	May UTMs (NAD 83, Zone 18)		October UTMs (NAD 83, Zone 18)		Flow Conditions		Notes
	Northing (m)	Easting (m)	Northing (m)	Easting (m)	2022-May-12	2022-Oct-31	
Southern Surface Water Stations							
SW1	4916519	416491	-	-	no flow	lentic	Located on the downstream side of the drainage feature flowing northeast from the marshy area south of the waste fill area. This location is downstream of the potentially impacted marsh south of the fill area.
SW11	4916509	416301	-	-	lentic	lentic	Located in the marshy area south of the Site upstream of SW1 and SW2 and downstream of SW15.
SW15	4916418	416229	-	-	no flow	lotic	Located in the marshy area south of the Site upstream of SW1, SW2 and SW11. SW15 is intended to represent background surface water quality for the southern surface water stations.
Northern Surface Water Stations							
SW4	4917163	416316	-	-	no flow	lentic	Located on the upstream (western) side of the culvert running under Kidd Road south. This location is downstream of the swale flowing northeast into the ditch along the southern side of County Road 34. Waters from SW4 flow into the County Road 34 ditch and east towards SW8.
SW8	4917207	416454	-	-	no flow	lentic	Located in the drainage ditch along the southern side of County Road 34 at the northeast property boundary of the Site. The location is on the downstream (eastern) side of the culvert flowing under the exit to the Site. SW8 is downstream of SW4, SW12 and SW16.
SW12	4917177	416455	-	-	not sampled	lentic	Located in the drainage ditch running north-south along the eastern property boundary of the Site. Waters from SW12 flow north towards SW8 and into the ditch along County Road 34.
SW16	4917216	416379	-	-	lentic	lotic	Located on the northern side of County Road 34 on the upstream (northern) side of the culvert running north-south under County Road 34. SW16 is intended to represent background surface water conditions for the northern portion of the Site and is upstream of SW8.
Downstream Surface Water Stations							
SW13	4917244	417047	4917252	417052	no flow	lentic	Located in the southern watercourse to the east of the landfill, downgradient from the south wetland and SW1. Located prior to confluence of north and south watercourses.
SW14	4917266	417052	4917267	417057	no flow	lentic	Located in the ditch running along the southern edge of County Road 34. SW14 is located upstream of the confluence of the southern and the northern watercourses. SW14 is downstream from SW4, SW8, SW12 and SW16. SW14 also receives waters discharged from the tile drain system located east of the Site.

Data Input: SG
Data Check: CM

Notes: UTM coordinates reference NAD 83 datum, Zone 18
"- " denotes data not available / well not measured / well not located

Table 3
Well Inspection Results

Well ID	Well Type	Well Construction	Well Integrity			Well Observations
	Protective Casing	Material	Locked	Capped	Condition[1]	Remarks
11-1	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
11-2	Steel AG	2" Sched. 40 PVC	Y	Slip cap	Good	-
11-3	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
11-4	Steel AG	2" Sched. 40 PVC	Y	Slip Cap	Good	-
11-6	Steel AG	2" Sched. 40 PVC	Y	Slip Cap	Good	-
11-7	Steel AG	2" Sched. 40 PVC	Y	Slip Cap	Good	-
15-1	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
15-2	Steel AG	2" Sched. 40 PVC	-	-	-	needs replacing
91-1	Steel AG	1.25 " Sched. 40 PVC	Y	J-plug	Good	-
91-3	Steel AG	1.25 " Sched. 40 PVC	Y	J-Plug	Good	-
91-4	Steel AG	1.25 " Sched. 40 PVC	Y	J-Plug	Good	-
Malroz Wells						
MW101	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW102	Steel AG	1.5" Sched. 40 PVC	Y	J-Plug	Good	-
MW103	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW104	Alum FG	1.5 " Sched. 40 PVC	Y	J-Plug	Good	-
MW105	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW106	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW107	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW201	Steel AG	1.5" Sched. 40 PVC	Y	J-Plug	Good	-
MW202	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW203	Steel AG	2" Sched. 40 PVC	Y	J-Plug	Good	-
MW301	Steel AG	1.5" Sched. 40 PVC	-	-	-	needs replacing

Data Input: SG
Data Check: CM

Notes: Well inspection completed on Oct 31, 2022
[1] Well conditions ranked as:
good (no maintenance required)
fair (meets minimum requirements of O. Reg 903)
poor (requires maintenance or abandonment, as per O. Reg 903)
AG - denotes above grade
FG - denotes flush grade

Table 4
Historical Groundwater Elevations

		Overburden Groundwater Monitoring Wells																			Bedrock Groundwater Monitoring Wells					
	Location	91-1	91-2	91-3	91-4	03-2	11-1	11-2	11-3	11-4	11-5	11-6	11-7	15-1	15-2	MW101	MW103	MW105	MW106	MW202	MW102	MW104	MW107	MW201	MW203	MW301
	Elevation Top of Casing	98.61	97.14	97.52	98.32	97.30	97.71	98.94	98.09	98.58	97.53	97.97	96.47	97.42	96.91	101.75	98.38	97.99	96.70	97.36	98.35	96.88	98.28	97.37	96.79	96.42
	Elevation Ground	97.83	96.26	96.20	97.36	96.06	96.98	98.34	97.39	97.71	97.02	97.01	95.49	96.61	96.03	100.84	97.43	97.13	95.87	95.96	97.47	96.99	97.40	96.59	95.96	95.64
2012-Apr-01	Water Elevation (mASL)	97.34	96.02	96.57	97.03	96.36	96.87	97.505	97.13	97.43	96.57	97.11	95.02	-	-	installed September 2017	installed September 2017	installed September 2017	installed September 2017	installed October 2019	installed September 2017	installed September 2017	installed February 2018	installed October 2019	installed October 2019	installed July 2021
2012-Oct-04	Water Elevation (mASL)	96.04	blocked	96.28	96.02	95.91	96.61	97.41	96.69	96.66	96.23	96.72	94.47	-	-											
2013-Jul-24	Water Elevation (mASL)	96.47	95.28	95.92	96.54	95.74	96.23	97.45	96.53	96.80	95.82	96.13	94.95	-	-											
2013-Oct-24	Water Elevation (mASL)	96.95	96.08	96.40	97.04	96.32	96.80	97.66	96.89	97.30	96.35	96.77	95.40	-	-											
2014-Jun-17	Water Elevation (mASL)	96.98	96.02	96.26	97.11	96.30	96.54	98.07	96.71	97.42	96.15	96.57	95.35	-	-											
2014-Oct-10	Water Elevation (mASL)	97.35	95.99	96.38	97.08	96.21	96.80	97.93	97.09	97.54	96.29	96.61	95.49	-	-											
2015-May-01	Water Elevation (mASL)	96.84	damaged (could not located)	95.76	97.09	96.15	96.62	not located	96.91	97.07	96.17	96.77	95.44	-	-											
2015-Nov-01	Water Elevation (mASL)	97.19		96.00	96.76	replaced	96.69		96.99	97.36	destroyed	96.42	95.35	96.08	96.09											
2017-Aug-03	Water Elevation (mASL)	96.91		96.03	97.02		96.26		96.89	97.05		96.42	95.31	96.12	96.06											
2017-Nov-03	Water Elevation (mASL)	97.24		96.16	96.78		96.85		97.23	97.47		96.94	95.47	96.47	96.31	-	97.37	96.95	95.87		97.26	95.76				
2018-May-23	Water Elevation (mASL)	97.00		96.19	97.12		96.67	97.34	96.98	96.63		96.77	95.40	96.28	96.23	-	97.05	96.71	95.73		97.26	96.87	97.17			
2018-Nov-03	Water Elevation (mASL)	97.14		95.81	96.71		96.84	97.72	97.12	97.51		96.88	95.57	96.14	96.06	97.98	97.27	97.01	95.60		98.19	96.87	97.19			
2019-May-23	Water Elevation (mASL)	97.15		96.23	97.21		96.80	97.59	97.07	97.35		96.70	95.46	96.42	96.31	-	97.12	96.71	95.81		97.14	96.57	97.25			
2019-Nov-01	Water Elevation (mASL)	97.18		96.19	97.19		96.82	97.55	97.11	97.33		96.81	95.43	96.44	96.40	-	97.28	96.88	95.82	95.96	97.31	96.88	97.21	95.85	95.68	
2020-Apr-08	Water Elevation (mASL)	97.10		96.15	97.18		96.79	97.60	97.06	97.26		96.74	95.32	96.42	96.27	-	97.13	96.72	95.85	95.84	97.18	96.83	97.28	95.85	95.85	
2020-Nov-17	Water Elevation (mASL)	96.80		95.66	96.25		96.58	97.46	96.78	97.03		96.04	95.24	95.88	95.95	-	96.99	96.71	95.16	95.82	96.99	96.88	96.64	95.86	95.07	
2021-May-17	Water Elevation (mASL)	96.90		96.08	97.03		96.63	97.51	96.92	97.04		96.58	95.37	96.24	96.13	-	96.97	96.56	95.68	95.75	97.03	96.88	97.12	95.92	95.58	
2021-Oct-28	Water Elevation (mASL)	96.73		96.08	97.10		96.91	97.75	97.10	97.38		96.56	95.57	96.27	damaged	-	97.28	96.89	95.61	96.23	97.32	96.88	95.63	95.71	95.22	95.798
2022-May-11-12	Static Water Level (mbTOC)	1.67		1.49	1.30		1.08	1.44	1.15	1.60		1.44	1.08	1.17		dry	1.48	1.49	1.00	1.76	1.40	0.00	1.22	2.40	1.15	1.24
	Water Elevation (mASL)	96.94		96.03	97.02		96.63	97.50	96.94	96.98		96.53	95.39	96.25		-	96.90	96.50	95.70	95.60	96.95	96.88	97.06	94.97	95.64	95.18
2022-Oct-31	Static Water Level (mbTOC)	1.77		1.64	1.34		1.05	1.47	1.18	1.58		1.98	1.15	1.35	0.85	3.85	1.37	1.37	1.25	1.62	1.35	0.03	1.35	1.59	1.45	damaged
	Water Elevation (mASL)	96.84		95.88	96.98		96.66	97.47	96.91	97.00		95.99	95.32	96.07	96.06	97.90	97.01	96.62	95.45	95.74	97.00	96.85	96.93	95.78	95.34	

Data Input: SG
Data Checked: ZL

Notes: Elevations based on survey data completed by Malroz Engineering on December 2, 2019 and September 27, 2021 (MW301), using a Trimble R10 GNSS.
mASL - meters above geodetic average sea-level
mbTOC - meters below top of PVC casing on monitoring well
Data prior to August 2017 summarized and provided by TLTI
"-" denotes not monitored/data unavailable or dry conditions

	upward hydraulic gradient (bedrock is discharging)
	downward hydraulic gradient (bedrock is recharging)
	equal

Table 5
Methane Concentrations

Location	2022-May-11-12	2021-Oct-31 and 2022-Nov-01
	Methane Concentrations (% LEL)	Methane Concentrations (% LEL)
Overburden Groundwater Monitors		
91-1	<1[a]	<1[a]
91-3	<1[a]	<1[a]
91-4	<1[a]	<1[a]
11-1	<1[a]	<1[a]
11-2	<1[a]	<1[a]
11-3	<1[a]	<1[a]
11-4	<1[a]	<1[a]
11-6	<1[a]	<1[a]
11-7	<1[a]	<1[a]
15-1	<1[a]	<1[a]
15-2	damaged	<1[a]
MW101	<1[a]	<1[a]
MW103	<1[a]	<1[a]
MW105	<1[a]	<1[a]
MW106	<1[a]	<1[a]
MW202	<1[a]	<1[a]
Bedrock Groundwater Monitors		
MW102	<1[a]	<1[a]
MW104	<1[a]	<1[a]
MW107	<1[a]	<1[a]
MW201	<1[a]	<1[a]
MW203	<1[a]	<1[a]
MW301	<1[a]	damaged
Landfill Gas Vents		
North Vent	<1[a]	<1[a]
Middle Vent	7	4
South Vent	32	>100

Data Input: SG
Data Checked: ZL

Notes:

% LEL denotes percent of the lower explosive limit

nr denotes no response

- denotes not measured

[a] methane elimination was not taken therefore this value refers to full gas response
methane concentrations measured using an RKI Eagle II combustible gas indicator, equipped with a methane elimination switch. Methane concentrations calculated as the difference between full gas response and methane elimination.

Table 6
Groundwater to Surface Water Comparison

Location	Invert Elevation (m)	Nearest Groundwater Monitor	Groundwater Elevations (m)*		Groundwater Elevations Relative to Water Body Inverts (m)	
			Spring 2022	Fall 2022	Spring 2022	Fall 2022
North Water Course						
Inv. 7	96.48	11-1	96.63	96.66	+0.15	+0.18
Inv. 8[a]	95.94				+0.69	+0.72
Inv. 9[a]	95.53				+1.10	+1.13
Inv. 10[a]	95.61				+1.02	+1.05
SW16	96.64				-0.01	+0.02
West Water Course						
SW4	95.97	11-1	96.63	96.66	+0.66	+0.69
SW6	95.93	MW103	96.90	97.01	+0.97	+1.08
Inv. 1	97.87	11-3	96.94	96.91	-0.93	-0.96
Inv. 2	97.75				-0.81	-0.84
Inv. 3	96.67				+0.27	+0.24
Inv. 4	96.48				+0.47	+0.44
Inv. 5	96.54				+0.40	+0.37
Inv. 6	96.17				+0.77	+0.74
South Water Course						
SW1	95.00	91-3	96.03	95.88	+1.03	+0.88

Input: SG
Checked: ZL

Notes:

* groundwater elevations taken from nearest shallow groundwater monitoring well
ditch invert elevations obtained from August 2013, November 2015 surveys by TLTI staff, and 2018 and 2019 surveys by Malroz

[a] refusal reached at approximately 0.2 m below grade, based on field observations and confirmed by reports from Township staff

Inv. denotes invert

Table 7a Groundwater Chemistry
Overburden Groundwater Chemistry

					Groundwater Sampling Location	11-1		11-2		11-3		11-4		11-6		11-7		91-1		91-3		91-4		15-1		15-2		MW101		MW103		MW105		MW106		MW202		
						(north compliance)		(leachate) LF		(north compliance)		(background)								(south compliance)				(south compliance)		(south off-site compliance)				(alt.background)		(north off-site compliance)		(east compliance) LF		(northeast compliance) LF		
					Sample ID	22-W031	22-W045	22-W029	22-W044	22-W030	22-W047	22-W020	22-W049	22-W007	22-W040	22-W006	22-W039	22-W022	22-W050	22-W027	22-W052	22-W026	22-W051	22-W025	22-W058	-	22-W060	-	-	22-W019	22-W048	22-W010	22-W041	22-W005	22-W037	22-W002	22-W034	22-W035 Duplicate of 22-W034
					Date	2022-May-12	2022-Nov-01	2022-May-12	2022-Nov-01	2022-May-12	2022-Nov-01	2022-May-11	2022-Nov-01	2022-May-11	2022-Oct-31	2022-May-11	2022-Oct-31	2022-May-12	2022-Nov-01	2022-May-12	2022-Nov-01	2022-May-12	2022-Nov-01	2022-May-12	2022-Nov-01		2022-Nov-01			2022-May-11	2022-Nov-01	2022-May-11	2022-Oct-31	2022-May-11	2022-Oct-31	2022-May-11	2022-Oct-31	2022-Oct-31
PARAMETERS	Units	MDL	ODWS	PWQO	2022 RUL (OB)[2]																					2022-May-11 not sampled blockage		2022-May-11 not sampled dry	2022-Nov-01 not sampled insufficient water									
Alkalinity, total	mg/L	5	30-500 OG	(note a)	389	720	728	613	477	637	601	218	150	255	215	481	483	347	334	263	254	803	747	494	637		346			404	399	373	367	569	566	411	398	398
Ammonia as N	mg/L	0.01				0.02	0.18	0.11	0.07	0.03	0.11	0.02	0.09	0.04	0.15	0.77	0.77	<	0.06	0.05	0.09	7.17	6.76	0.21	0.36		0.14			<	0.08	<	0.03	0.31	0.32	<	0.04	0.04
BOD	mg/L	3				<	<	4	<	<	<	<	<	<	4	<	6	<	<	<	<	<	<	5	9		<			<	<	<	<	<	4	<	<	<
Chemical Oxygen Demand	mg/L	5				160	163	73	36	7	79	39	58	145	83	84	112	<	58	<	<	108	95	39	1420		45			752	52	6	<	27	21	8	<	<
Dissolved Organic Carbon	mg/L	0.2	5 AO		4.8	2.3	0.4	15.1	11.3	3.3	0.9	9.2	11.1	8.5	7.0	10.8	6.0	2.3	1.9	2.6	2.2	12.8	10.5	5.9	4.8		8.2			6.4	3.8	1.5	<	6.7	4.4	2.0	1.4	0.6
Conductivity	µmho/cm	1				2720	2710	1550	1550	1860	1770	592	522	808	738	1090	1110	691	707	544	550	1420	1400	970	1280		635			1300	1360	1220	1130	1220	1220	1120	1120	1140
Hardness	mg/L	1	80-100 OG		200	1170	1170	810	734	940	850	298	235	314	263	509	565	382	357	287	266	753	670	515	637		290			609	556	563	506	524	575	469	466	461
pH	pH Units	-	6.5 - 8.5 OG			7.43	7.38	7.81	7.41	7.77	7.55	8.01	7.84	7.78	7.69	7.99	7.99	7.92	7.80	7.97	7.94	7.52	7.28	7.87	7.63		8.08			7.84	7.62	7.94	7.92	8.02	7.97	7.98	7.91	7.86
Phenolics	mg/L	0.001		0.001		<	<	<	<	<	<	<	0.054	<	<	<	0.002	<	0.010	<	0.004	<	0.008	<	0.003		<			<	<	<	<	<	<	<	0.001	<
Phosphorus, total	mg/L	0.01		0.020		59.9	5.96	1.12	0.05	2.43	2.48	0.14	0.46	6.84	2.02	1.39	2.23	1.22	1.97	0.72	0.56	3.42	2.26	27.2	27.6		2.36			66.7	0.86	0.03	0.03	0.46	0.06	0.02	0.02	0.02
Total Dissolved Solids	mg/L	3	500 AO		436	1510	1510	848	845	1020	968	307	270	425	385	582	597	359	367	282	285	770	761	517	690		330			705	740	660	605	656	658	603	604	611
Total Suspended Solids	mg/L	3				106000	32600	1280	8	4100	5420	1760	350	7650	2870	1430	4640	1890	4530	1020	598	6200	4920	34800	85500		16300			36000	1000	9	9	1070	13	20	6	8
Total Kjeldahl Nitrogen	mg/L	0.1				3.8	1.5	3.9	1.2	1.1	1.6	1.7	1.6	2.7	1.7	1.3	3.1	0.3	1.3	0.2	0.2	9.8	8.9	13.1	13		<			17.9	1.4	<	0.2	0.5	0.8	<	0.2	0.2
Chloride	mg/L	0.5	250 AO		127	503	510	37.7	52.5	214	219	6.9	5.7	45.1	45	75.8	91.1	3.7	2.1	6.0	4.7	15.3	14.9	28.5	51.6		0.9			84.4	135	170	152	73.1	63.2	106	109	115
Nitrate as N	mg/L	0.05	10 CS		15.0	0.06	<	0.22	0.44	<	<	21.9	24.3	0.21	<	<	<	10.1	10.7	0.05	<	0.09	<	0.14	<		<			26.8	16.3	0.45	<	0.43	<	4.58	5.12	5.38
Nitrite as N	mg/L	0.05	1 CS		0.29	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		<			<	<	<	<	<	<	<	<	<
Sulphate	mg/L	1	500 AO		257	53	72	259	393	120	120	13	15	109	122	13	18	7	7	35	40	21	24	29	33		1			94	125	35	39	13	26	27	27	28
Mercury	mg/L	0.00002	0.001 CS	0.0002	0.00026	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		<			<	<	<	<	<	<	<	<	<
Aluminum	mg/L	0.01	0.1 OG	0.075[b]	0.07	0.09	0.07	0.10	0.07	0.12	0.15	0.04	0.04	0.27	0.05	0.06	0.05	0.05	0.03	0.04	0.02	0.09	0.06	0.06	0.06		0.01			0.08	0.05	0.06	0.03	0.05	0.03	0.05	0.02	0.02
Arsenic	mg/L	0.0001	0.01 CS	0.005	0.0028	0.0036	0.0048	0.0004	0.0004	0.0008	0.0007	0.0003	0.0004	0.0005	0.0005	0.0002	0.0002	<	<	0.0001	0.0001	0.0082	0.0076	0.0007	0.0009		0.0005			0.0007	0.0007	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Barium	mg/L	0.001	1 CS		0.300	0.778	0.739	0.153	0.161	0.211	0.177	0.053	0.042	0.061	0.056	0.527	0.61	0.129	0.125	0.309	0.291	0.570	0.515	0.442	0.578		0.735			0.110	0.123	0.309	0.297	0.830	0.923	0.417	0.447	0.443
Boron	mg/L	0.005	5 CS	0.200	1.2575	0.038	0.056	0.800	1.060	0.248	0.24	<	0.005	0.261	0.246	0.060	0.079	0.005	0.013	0.106	0.118	0.614	0.63	0.191	0.316		0.189			0.045	0.064	0.046	0.058	0.268	0.325	0.040	0.053	0.051
Cadmium	mg/L	0.000015	0.005 CS	(note c)	0.0013	< 0.000029	<	0.000059	0.000046	<	<	<	0.000011	0.000020	<	<	<	0.000178	0.000174	<	<	<	<	<	<		<			0.000017	0.000015	<	<	<	<	<	<	<
Calcium	mg/L	0.02				259	246	253	230	212	182	72.1	54.8	81.2	65.7	104	107	90.5	81.3	69.5	61.8	192	165	113	131		41.2			152	134	109	95.1	80	89.7	81.2	77.6	77.2
Chromium	mg/L	0.001	0.05 CS	(note d)	0.013	<	<	<	<	<	<	<	<	0.001	<	<	<	0.002	0.002	<	<	<	<	<	<		<			<	<	<	<	<	<	0.003	0.002	0.003
Cobalt	mg/L	0.0001		0.0009		0.0047	0.0046	0.0008	0.0004	0.0039	0.0032	0.0002	0.0003	0.0006	0.0004	0.0001	0.0001	0.0013	0.0015	0.0001	<	0.0067	0.0063	0.0006	0.0007		0.0002			0.0005	0.0003	0.0002	<	<	<	<	<	<
Copper	mg/L	0.0001	1 AO	0.0005[e]	0.501	0.001	<	0.0045	0.0053	0.0017	0.0015	0.0037	0.005	0.0039	0.0031	0.0009	0.0002	0.0014	0.0005	0.0011	<	0.0008	<	0.0009	0.0001		0.0037			0.0046	0.0052	0.0022	0.0016	0.0010	<	0.0006	0.0005	0.0003
Iron	mg/L	0.005	0.3 AO	0.3	0.175	5.980	6.380	0.030	0.009	0.505	0.694	0.006	0.022	0.282	0.189	2.460	1.790	0.008	<	0.442	0.474	18.50	14.80	2.280	3.390		0.012			0.005	0.009	0.094	<	0.651	0.758	<	<	<
Lead	mg/L	0.00002	0.01 CS	0.005[f]	0.0025	0.00019	<	0.00015	0.00013	0.00027	0.00029	<	0.00008	0.00093	0.00021	0.00005	<	0.00009	<	0.00011	<	0.00015	<	0.00011	0.00007		0.0001			0.00006	0.00012	0.00010	0.00008	0.00007	<	<	0.00006	<
Magnesium	mg/L	0.02				126	134	43.2	38.7	99.8	96.2	28.7	24	27.1	24	60.6	72.7	38	37.5	27.6	27.2	66.4	62.8	56.5	75.2		45.4			55.6	54.0	70.8	65.3	78.9	85.4	64.8	66.1	65.2
Manganese	mg/L	0.001	0.05 AO		0.028	1.480	1.440	2.380	0.143	0.361	0.375	<	<	0.041	0.051	0.083	0.064	0.001	0.008	0.067	0.069	0.096	0.087	0.139	0.154		0.018			0.422	0.120	0.064	0.012	0.022	0.024	<	<	<
Potassium	mg/L	0.1				2.2	2.6	12.7	16.4	2.8	3.4	0.9	1.2	1.0	1.1	3.0	3.3	0.9	1.2	1.5	1.8	16.5	16.9	2.6	3.3		2.9			6.3	7.2	2.1	2.5	3.3	3.6	1.7	2.1	2.1
Silver	mg/L	0.0001		0.0001		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		<			<	<	<	<	<	<	<	<	<
Sodium	mg/L	0.2	200 AO [a]		109	132	127	67.8	62.4	65.6	58.5	9.2	8.9	56.4	51	19.4	22.4	12.8	13.3	14	14.2	45.9	41.6	28.4	39		28.8			53.8	66.8	39.5	37.0	45.7	51.8	63.6	61.0	60.3
Strontium	mg/L	0.001				1.340	1.420	1.780	1.840	0.776	0.734	0.311	0.265	0.215	0.182	1.040	1.220	0.377	0.377	0.679	0.666	0.964	0.905	1.090	1.570		1.240			0.774	0.804	0.806	0.750	1.970	2.220	0.713	0.746	0.736
Uranium	mg/L	0.00005	0.02 CS	0.005	0.00575	0.00231	0.0031	0.00208	0.00198	0.00396	0.00503	0.00135	0.00076	0.00101	0.00082	<	0.00005	0.00113	0.00134	0.00012	0.00015	0.0003	0.00042	0.00085	0.00118		0.00007			0.00353	0.00388	0.00286	0.00256	0.00008	0.00012	0.00350	0.00324	0.00331
Vanadium	mg/L	0.0001		0.006		< 0.0004	<	0.0002	0.0001	0.0003	0.0006	0.0018	0.002	0.0029	0.0016	0.0002	0.0002	0.0003	0.0004	<	< 0.0001	0.0007	0.0007	0.0001	0.0002		0.0003			0.0021	0.0021	0.0002	0.0007	<	<	0.0006	0.0006	0.0007
Zinc	mg/L	0.005	5 AO	0.02	2.5	<	<	0.005	<	0.005	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		<			<	<	<	<	<	<	<	<	<
pH (field)	pH units	-	6.5 - 8.5 OG			7.11	7.43	7.79	7.08	7.63	7.46	8.19	8.18	8.1	7.84	8.06	8	8.19	7.84	7.51	8.01	7.33	7.32	7.6	7.65		8.11			8.19	7.48	8.02	7.43	7.75	7.29	7.36	7.61	7.61
Temperature (field)	°C	-	15 AO			10.81	12.19	9.57	13.76	12.08	13.30	13.10	13.73	10.67	12.26	9.16	10.95	13.10	14.31	12.17	13.02	12.12	12.66	9.99	13.42		12.35			11.75	12.54	15.78	12.42	9.63	10.66	17.63	14.04	14.04
Dissolved Oxygen (field)	mg/L	-				5.1	4.65	10.05	0	5.02	4.8	3.3	4.57	6.61	10.22	8.08	21	3.3	9.26	3.78	5.8	3.13	4.66	4.49	1.47		2.95			9.06	2.4	0	1.28	4.09	0	0.2	0	0
Conductivity (field)	mS/cm	-				2.02	2.59	0.564	1.19	1.43	1.74	0.444	0.411	0.597	0.748	0.77	0.993	0.444	0.68	0.411	0.536	1.1	1.1	0.739	0.933		0.499			1.02	1.05	1.11	1.11	0.876	1.2	0.893	1.07	1.07
Ammonia, unionized [1]	mg/L	0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.015	0.015	<0.01	<0.01	<0.01	<0.01	0.033	0.032	<0.01	<0.01		<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Data Input: SG
Data Check: WA

Notes:

"MW###" and "## - #" denote groundwater monitoring well
"RUL" denotes reasonable use limit
"MDL" denotes method detection limit
"<" denotes results below reporting limit
"<#" denotes elevated reporting limit
"-" denotes not analyzed
AO aesthetic objective **OG** operational objective **CS** Chemical Standard

Shading indicates parameters exceeding guideline criteria
concentration exceeds the 2003 Ontario Drinking Water Quality Standards
concentration exceeds the Provincial Water Quality Objectives
parameter exceeds overburden RUL

[1] Unionized Ammonia calculated using field parameters for pH and temperature
[2] Reasonable Use Limits calculated using background concentrations from 11-4 for overburden wells
[3] Reasonable Use Limits calculated using background concentrations from MW102 for bedrock wells
[a] Alkalinity should not be decreased by more than 25% of the natural concentration
[b] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[c] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[d] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.0089 mg/L)
[e] the local medical health officer should be notified when the sodium concentration exceeds 20 mg/L
groundwater samples analyzed for metals were field filtered using 0.45 micron filters

Table 7b Groundwater Chemistry
Bedrock Groundwater Chemistry

Groundwater Sampling Location						MW102 (background)		MW104 (north off-site compliance)		MW107 (leachate)		MW201 (northeast compliance)		MW203 (east compliance)		MW301 (east compliance)		Field Blank
PARAMETERS					Sample ID	22-W018	22-W046	22-W011	22-W042	22-W008	22-W043	22-W001	22-W036	22-W004	22-W038	22-W012	-	22-W063
					Date	2022-May-11	2022-Nov-01	2022-May-11	2022-Oct-31	2022-May-11	2022-Nov-01	2022-May-11	2022-Oct-31	2022-May-11	2022-Oct-31	2022-May-11		2022-Nov-01
	Units	MDL	ODWS	PWQO	2022 RUL (BR)[3]												2022-Oct-31 not sampled damaged	
Alkalinity, total	mg/L	5	30-500 OG	(note a)	442	404	398	373	359	905	820	528	504	440	441	329		24
Ammonia as N	mg/L	0.01				0.02	0.07	0.01	0.06	<	0.05	<	0.04	<	0.06	<		0.04
BOD	mg/L	3				<	<	<	<	<	<	<	<	<	<	<		<
Chemical Oxygen Demand	mg/L	5				22	13	26	<	59	45	12	<	21	5	5		< 5
Dissolved Organic Carbon	mg/L	0.2	5 AO		4.95	3.2	1.6	1.4	0.7	7.2	3.7	1.6	0.4	4.6	3.0	3.1		2.3
Conductivity	µmho/cm	1				1520	1380	1090	1140	2500	2320	1410	1400	985	1000	683		46
Hardness	mg/L	1	80-100 OG		361	601	556	501	511	1200	1170	159	127	447	450	325		21
pH	pH Units	-	6.5 - 8.5 OG			7.90	7.70	7.98	7.93	7.92	7.81	8.35	8.27	8.08	7.97	8.10		7.12
Phenolics	mg/L	0.001		0.001		<	<	<	<	<	<	<	0.003	<	<	<		<
Phosphorus, total	mg/L	0.01		0.020		0.07	0.25	5.41	0.02	0.28	0.09	0.26	0.04	0.53	0.17	0.16		0.04
Total Dissolved Solids	mg/L	3	500 AO		632	829	749	586	611	1390	1290	764	762	525	534	355		23
Total Suspended Solids	mg/L	3				690	286	10100	18	396	252	17	10	176	15	21		<
Total Kjeldahl Nitrogen	mg/L	0.1				0.4	0.7	0.3	0.2	0.5	0.8	0.1	0.2	0.2	0.3	<		<
Chloride	mg/L	0.5	250 AO		220	231	196	126	160	130	168	102	122	54.6	80.4	15.7		<
Nitrate as N	mg/L	0.05	10 CS		3.11	2.69	2.36	0.39	<	1	<	3.98	3.38	0.47	<	0.05		<
Nitrite as N	mg/L	0.05	1 CS		0.269	<	<	<	<	<	<	<	<	<	<	<		<
Sulphate	mg/L	1	500 AO		278	44	58	32	37	353	397	76	61	24	17	26		<
Mercury	mg/L	0.00002	0.001 CS	0.0002	0.00026	<	<	<	<	<	<	<	<	<	<	<		<
Aluminum	mg/L	0.01	0.1 OG	0.075[b]	0.085	0.07	0.05	0.04	0.02	0.09	0.08	0.01	<	0.05	0.02	0.04		0.06
Arsenic	mg/L	0.0001	0.01 CS	0.005	0.0027	0.0001	0.0001	0.0002	0.0002	0.0005	0.0005	0.0020	0.0031	0.0007	0.0006	0.0003		<
Barium	mg/L	0.001	1 CS		0.8943	0.867	0.784	0.452	0.470	0.070	0.065	0.083	0.081	0.558	0.477	0.139		0.001
Boron	mg/L	0.005	5 CS	0.200	1.29	0.044	0.056	0.060	0.064	1.74	1.84	0.189	0.141	0.358	0.369	0.233		<
Cadmium	mg/L	0.000015	0.005 CS	(note c)	0.0013	<	< 0.000012	<	< 0.000012	<	0.000124	0.000070	0.000041	<	<	0.000015		<
Calcium	mg/L	0.02				156	140	97.0	95.0	248	233	25.9	19.6	80.1	77.0	71.5		7.22
Chromium	mg/L	0.001	0.05 CS	(note d)	0.0129	<	<	<	<	<	<	0.001	<	<	<	0.001		<
Cobalt	mg/L	0.0001		0.0009		0.0004	0.0004	0.0003	0.0001	0.0008	0.0011	<	<	0.0008	0.0002	0.0001		<
Copper	mg/L	0.0001	1 AO	0.0005[e]	0.501	0.0020	0.0016	0.0004	<	0.0092	0.0078	0.0009	0.0016	0.0015	0.0014	0.0019		0.0002
Iron	mg/L	0.005	0.3 AO	0.3	0.399	0.388	0.384	0.253	0.563	0.008	<	<	<	0.014	0.036	0.031		<
Lead	mg/L	0.00002	0.01 CS	0.005[f]	0.0025	<0.00004	<0.00004	<0.00004	0.00004	0.00012	0.00013	0.00004	0.00018	0.00005	0.00004	0.00006		<
Magnesium	mg/L	0.02				51.3	50.1	63.0	66.5	140	143	23.0	18.9	60.1	62.6	35.5		0.74
Manganese	mg/L	0.001	0.05 AO		0.276	0.455	0.450	0.125	0.110	0.002	0.410	<	<	0.019	0.017	0.111		<
Potassium	mg/L	0.1				12.3	13.1	2.8	2.9	29.3	31.9	3.2	2.5	5.1	5.1	3.1		0.2
Silver	mg/L	0.0001		0.0001		<	<	<	<	<	<	<	<	<	<	<		<
Sodium	mg/L	0.2	200 AO [e]		125	50.0	55.2	32.3	32.7	146	133	282	273	46.9	44.3	29.5		0.3
Strontium	mg/L	0.001				0.861	0.829	0.857	0.887	2.51	2.02	0.528	0.533	2.38	2.41	1.18		0.012
Uranium	mg/L	0.00005	0.02 CS	0.005	0.00723	0.00322	0.00313	0.00308	0.00285	0.0113	0.00778	0.0362	0.0281	0.00097	0.00083	0.00222		<
Vanadium	mg/L	0.0001		0.006		0.0002	0.0002	0.0002	<	0.0004	0.0004	0.0017	0.0018	0.0003	0.0002	0.0007		0.0003
Zinc	mg/L	0.005	5 AO	0.02	2.50	<	<	<	<	0.016	0.016	<	<	<	<	<		<
pH (field)	pH units	-	6.5 - 8.5 OG			7.26	7.45	8.61	8.08	7.73	7.57	8.74	8.24	8.14	7.75	7.51		-
Temperature (field)	°C	-	15 AO			13.22	11.87	12.97	12.12	10.21	12.65	16.25	14.61	9.84	13.62	24.13		-
Dissolved Oxygen (field)	mg/L	-				1.16	3.38	7.57	0	8.77	14.78	0	5.38	9.10	0	0		-
Conductivity (field)	mS/cm	-				0.991	1.03	0.807	1.09	2.00	2.43	1.29	1.35	0.788	0.754	0.563		-
Ammonia, unionized [1]	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		-

Data Input: SG
Data Check: WA

Notes: "MW###" and "## - #" denote groundwater monitoring well
"MDL" denotes method detection limit
"RUL" denotes reasonable use limit
"<" denotes results below reporting limit
"<#" denotes elevated reporting limit
"-" denotes not analyzed
AO aesthetic objective **OG** operational objective **CS** Chemical Standard

Shading indicates parameters exceeding guideline criteria
concentration exceeds the 2003 Ontario Drinking Water Quality Standards
concentration exceeds the Provincial Water Quality Objectives
parameter exceeds bedrock RUL

[1] Unionized Ammonia calculated using field parameters for pH and temperature
[2] Reasonable Use Limits calculated using background concentrations from 11-4 for overburden wells
[3] Reasonable Use Limits calculated using background concentrations from MW102 for bedrock wells
[a] Alkalinity should not be decreased by more than 25% of the natural concentration
[b] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[c] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[d] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.0089 mg/L)
[e] the local medical health officer should be notified when the sodium concentration exceeds 20 mg/L

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

Table 8
PFAS Analytical Results

PARAMETERS	Groundwater Sampling Location					11-2	MW104	MW105		MW106	MW201		MW202		MW203	MW301		572 Eden Grove Road	QA/QC			
																			Field Blank			Field Blank
	Sample ID					22-W044	22-W042	22-W010	22-W041	22-W037	22-W001	22-W036	22-W002	22-W034	22-W038	22-W012	-	22-W062	22-W009	22-W003 Duplicate of 22-W002	22-W035 Dulpicate of 22-W034	22-W063
	Date					2022-Nov-01	2022-Oct-31	2022-May-11	2022-Oct-31	2022-Oct-31	2022-May-11	2022-Oct-31	2022-May-11		2022-Oct-31	2022-May-11		2022-Nov-02	2022-May-11	2022-May-11	2022-Oct-31	2022-Nov-02
	Units	DL (May 2022	DL (Oct 2022)	Health Canada PFAS Screening Values	MECP Drinking Water Screening Values for Perfluorinated Chemicals												2022-Oct-31 not sampled damaged					
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	ug/L	0.0010	0.0010	0.2		<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	ug/L	0.0010	0.0010	0.2		<0.0041	<0.0028	<	<	<0.0052	0.104	<	<	<0.0012	0.0321	0.0416		<	<0.0030	<	<0.0030	<
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
10:2 Fluorotelomer sulfonic acid(10:2 F)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorobutane sulfonic acid (PFBS)	ug/L	0.0010	0.0010	15		0.1480	<	<	<	0.0045	<	<	<	<	0.0039	<		0.0019	<	<	<	<
Perfluorohexane sulfonic acid (PFHxS)	ug/L	0.0010	0.0010	0.6		0.320	0.0010	0.0012	0.0018	0.0141	<	<	<	<	0.0238	<		<	<	<	<	<
Perfluorotridecanoic acid (PFTrDA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorooctane sulfonic acid (PFOS)	ug/L	0.0010	0.0010	0.6		0.0784	<	<	<	<	<	<	<	<	0.0093	<		0.0018	<	<	<	<
Perfluoropentane sulfonic acid (PFPeS)	ug/L	0.0010	0.0010			0.0190	<	<	<	0.0021	<	<	<	<	0.0015	<		<	<	<	<	<
N-Et PFO sulfonamide (EtFOSA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
N-Et PFO sulfonamidoethanol (EtFOSE)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
N-Me PFO sulfonamide (MeFOSA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
N-Me PFO sulfonamidoethanol (MeFOSE)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluoroheptane sulfonic acid (PFHpS)	ug/L	0.0010	0.0010			0.0034	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorooctane sulfonamide (FOSA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorodecane sulfonic acid (PFDS)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorobutanoic acid (PFBA)	ug/L	0.0500	0.0500	30		0.170	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorodecanoic acid (PFDA)	ug/L	0.0010	0.0010			0.0012	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorododecanoic acid (PFDoDA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluoroheptanoic acid (PFHpA)	ug/L	0.0010	0.0010	0.2		0.204	<	<	<	0.0530	0.0020	<	<	<	0.0516	0.0012		<	<	<	<	<
Perfluorohexanoic acid (PFHxA)	ug/L	0.0010	0.0010	0.2		0.606	0.0023	<0.0020	0.0015	0.0878	<0.0080	0.0018	<	<	0.0852	<0.0040		<	<	<	<	<
Perfluorononanoic acid (PFNA)	ug/L	0.0010	0.0010	0.02		0.0081	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorooctanoic acid (PFOA)	ug/L	0.0010	0.0010	0.2		0.344	0.0012	0.0017	0.0024	0.1360	<	0.0012	<	<	0.1720	<		<	<	<	<	<
Perfluoropentanoic acid (PFPeA)	ug/L	0.0010	0.0010	0.2		0.750	0.0020	0.0021	0.0016	0.0405	0.0012	0.0011	<	<	0.0392	<		<	<	<	<	<
Perfluorotetradecanoic acid (PFTeDA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluoroundecanoic acid (PFUnDA)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
Perfluorononane sulfonic acid (PFNS)	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
ADONA	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
HexaFl-propylene oxide DA (HFPO-DA/GenX)	ug/L	0.040	0.035			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
9Cl-PF3ONS	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
11Cl-PF3OUdS	ug/L	0.0010	0.0010			<	<	<	<	<	<	<	<	<	<	<		<	<	<	<	<
PFOA & PFOS [1]	ug/L	-	-	1		1.8507	0.0068	0.0093	0.0128	0.6808	0.0033	0.0068	0.0033	0.0033	0.8755	0.0033		0.0055	0.0033	0.0033	0.0033	0.0033
Sum of all reported PFAS compound concentrations	ug/L	0.1210	0.1160		0.07	2.6521	0.0065	0.0050	0.0073	0.3380	0.1072	0.0041	<	<	0.4186	0.0428		0.0037	<	<	<	<

Data Input: SG
Data Check: JMP

Notes: "MW###" and "## - #" denote groundwater monitoring well
"DL" denotes reporting limit
"<" denotes results below reporting limit
"-" denotes not analyzed
<# denotes elevated DL
[1] calculated by Malroz and based on additivity principals outlined in Section 10.4 of Health Canada, 2018, Guidelines for Canadian Drinking Water Quality. The value is the sum of PFOA and PFOS concentration, each divided by their respective Health Canada screening values. Calculation
This table is intended to summarize analytical results provided by the Ministry of Environment, Conservation and Parks. For complete results please see the laboratory certificates.

Shading indicates parameters exceeding guideline criteria
concentration exceeds Health Canada's Drinking Water Screening Values for perflouroalkylated substances (PFAS)
concentration exceeds Drinking Water Screening Values for Perfluorinated Chemicals in Private Drinking Water Sources, Ministry of Environment, Conservation and Parks, memorandum dated July 25, 2017

Table 9
Groundwater Chemistry - Residential Wells

PARAMETERS	Groundwater Sampling Location				379 Eden Grove Road		391 Eden Grove Road		572 Eden Grove Road	
	Sample ID				-	-	-	-	22-W017	22-W062
	Date								2022-May-11	2022-Nov-01
	Units	R.L.	ODWS	PWQO	not sampled	not sampled	not sampled	not sampled		
Alkalinity, total	mg/L	5	30-500 OG	(note a)					420	399
Ammonia as N	mg/L	0.01							0.15	0.04
BOD	mg/L	3							<	<
Chemical Oxygen Demand	mg/L	5							14	6
Dissolved Organic Carbon	mg/L	0.2	5 AO						1.6	0.7
Conductivity	µmho/cm	1							1600	1470
Hardness	mg/L	1	80-100 OG						635	551
pH	pH Units	-	6.5 - 8.5 OG						8.12	7.97
Phenolics	mg/L	0.001		0.001					<	<
Phosphorus, total	mg/L	0.01		0.020					0.03	0.01
Total Dissolved Solids	mg/L	3	500 AO						875	801
Total Suspended Solids	mg/L	3							<	16
Total Kjeldahl Nitrogen	mg/L	0.1							0.4	0.3
Chloride	mg/L	0.5	250 AO						259	254
Nitrate as N	mg/L	0.05	10 CS						<	<
Nitrite as N	mg/L	0.05	1 CS						<	<
Sulphate	mg/L	1	500 AO						51	51
Mercury	mg/L	0.00002	0.001 CS	0.0002					<	<
Aluminum	mg/L	0.01	0.1 OG	0.075[b]					0.09	0.04
Arsenic	mg/L	0.0001	0.01 CS	0.005					<	<
Barium	mg/L	0.001	1 CS						0.536	0.458
Boron	mg/L	0.005	5 CS	0.200					0.216	0.192
Cadmium	mg/L	1.5E-05	0.005 CS	(note c)					<	<
Calcium	mg/L	0.02							139	116
Chromium	mg/L	0.001	0.05 CS	(note d)					0.119	<
Cobalt	mg/L	0.0001		0.0009					0.0006	0.0004
Copper	mg/L	0.0001	1 AO	0.0005[e]					0.0017	0.0056
Iron	mg/L	0.005	0.3 AO	0.3					0.019	<
Lead	mg/L	0.00002	0.01 CS	0.005[f]					0.00017	0.00022
Magnesium	mg/L	0.02							69.9	63.4
Manganese	mg/L	0.001	0.05 AO						0.412	0.294
Potassium	mg/L	0.1							5.4	5.4
Silver	mg/L	0.0001		0.0001					<	<
Sodium	mg/L	0.2	200 AO [i]						94.1	88.1
Strontium	mg/L	0.001							2.28	2.03
Uranium	mg/L	0.00005	0.02 CS	0.005					0.00236	0.00218
Vanadium	mg/L	0.0001		0.006					0.0004	0.0005
Zinc	mg/L	0.005	5 AO	0.02					0.009	0.182
pH (field)	pH units	-	6.5 - 8.5 OG						7.66	7.69
Temperature (field)	°C	-	15 AO						11.55	12.00
Dissolved Oxygen (field)	mg/L	-							6.65	5.07
Conductivity (field)	mS/cm	-							1.02	1.65
ORP (Field)	mv	-							1.16	109
Unionized Ammonia (Field) [1]	mg/L	0.01							<	<

Data Input: SG
Data Check: JMP

Shading indicates parameters exceeding guideline criteria
denotes concentration exceeds the Ontario Drinking Water Standards
denotes concentration exceeds the PWQO

Notes: "MW###" and "## - #" denote groundwater monitoring well
"<" denotes results below reporting limit
"R.L." method reporting limit
"-" denotes not analyzed
AO indicates aesthetic objective **OG** indicates operational objective **CS** Chemical standards

[1] Unionized Ammonia calculated using field parameters for pH and temperature
[a] Alkalinity should not be decreased by more than 25% of the natural concentration
[b] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[c] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[d] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.0089 mg/L)
[e] Copper criteria: 0-20 mg/L Hardness = 0.001 mg/L, >20 mg/L Hardness = 0.005 mg/L
[f] Lead criteria: <30 mg/L Hardness = 0.001 mg/L, 30 to 80 mg/L Hardness = 0.003 mg/L, >80 mg/L Hardness = 0.005 mg/L
[g] PWQO for minimum DO concentration set at conservative value based on highest temperature and warm water biota
[h] beryllium criteria: <75 mg/L hardness = 0.011 mg/L, >75 mg/L hardness = 1.1 mg/L
[i] the local medical health officer should be notified when the sodium concentration exceeds 20 mg/L

groundwater samples analyzed for metals were field filtered using 0.45 micron filters
Malroz was not able to independently validate historic chemistry and exceedances, provided by the Township of Leeds and the Thousand Islands
Data from 2016 and prior provided by the Township and Leeds and Thousand Islands

Table 10
Surface Water Chemistry

						North Watercourse										South Watercourse							
					Surface Water Sampling Location	SW4 (background)		SW8		SW12		SW14		SW16		SW15 (background)		SW1		SW11		SW13	
					Sample ID	22-W021	22-W054	22-W016	22-W053	-	22-W056	22-W014	22-W033	22-W015	22-W055	22-W023	22-W061	22-W028	22-W057	22-W024	22-W059	22-W013	22-W032
					Date Sampled	2022-May-11	2022-Nov-02	2022-May-11	2022-Nov-02	2022-May-11 not sampled insufficient water	2022-Nov-02	2022-May-11	2022-Oct-31	2022-May-11	2022-Nov-02	2022-May-12	2022-Nov-02	2022-May-12	2022-Nov-02	2022-May-12	2022-Nov-02	2022-May-11	2022-Oct-31
Parameters	Units	RL	PWQO (mg/L)	Table A: Assessment Criteria for Waste Disposal Sites (mg/L)	Table B: Alternative Review Criteria (mg/L)																		
Alkalinity, total	mg/L	5	(note a)			67	67	273	236		446	262	258	366	381	47	66	66	38	80	130	248	196
Ammonia as N	mg/L	0.01				0.16	0.23	0.06	0.09		1.4	0.07	0.05	<	<	<	0.08	0.13	0.25	<	0.05	0.08	0.17
Ammonia, unionized	mg/L	0.01	0.02	0.100		<	0.03	<	<		0.01	<	<	<	<	<	<	<	0.07	<	<	<	<
BOD	mg/L	3				4	7	3	<		5	14	7	<	<	<	<	5	4	<	<	5	4
Chemical Oxygen Demand	mg/L	5				120	95	48	38		146	135	44	8	5	117	199	214	220	104	50	61	72
Dissolved Organic Carbon	mg/L	0.2				44.1	19.5	11.3	7.7		14.9	9.6	4.3	3.2	1.8	43.8	74.8	42.4	79.7	42.3	20.9	3.4	23.5
Conductivity	µmho/cm	1				185	236	664	780		1400	764	906	801	917	101	161	135	95	168	325	529	445
Hardness	mg/L	1				84	111	332	285		544	333	354	402	445	52	79	67	56	55	152	302	227
pH	pH Units	-	6.5-8.5	6.0-9.0		7.56	7.23	8.15	7.79		7.84	8.16	7.98	8.05	7.92	6.70	7.29	6.65	6.85	6.77	7.88	8.01	7.78
Phenolics	mg/L	0.001	0.001	0.04[h]	0.004[h]	<	<	<	<		<	<	<	<	<	<	0.001	<	<	<	0.004	<	<
Phosphorus, total	mg/L	0.01	0.02			0.60	0.46	0.29	0.22		1.36	0.86	0.29	0.04	0.05	0.11	0.10	0.52	0.85	0.12	0.05	0.40	0.29
Phosphorus, total dissolved	mg/L	0.002				0.315	0.176	0.061	0.087		0.474	0.041	0.093	<	0.011	0.048	0.023	0.074	0.055	0.057	0.013	0.041	0.061
Total Dissolved Solids	mg/L	3				94	121	345	409		762	400	480	421	487	51	82	68	48	86	167	274	230
Total Suspended Solids	mg/L	3				48	35	38	4		74	280	1010	14	8	8	<	300	32	18	<	175	102
Total Kjeldahl Nitrogen	mg/L	0.1				2.9	2.5	2.2	1.3		4.8	4.3	1.3	0.3	0.5	1.4	2.3	3.4	4.8	1.3	1.2	1.9	2.0
Chloride	mg/L	0.5		180	128	14.1	20.4	47.1	79.9		143	98.1	115	29.4	46.4	<	3.9	<	2.5	1.3	7.4	15.2	5.3
Nitrate as N	mg/L	0.05			2.9	0.09	0.21	4.24	<		0.12	0.89	<	7.41	1.27	0.12	0.14	0.13	0.15	0.13	0.13	2.01	2.17
Nitrite as N	mg/L	0.05			0.06	<	<	<	<		<	<	<	<	<	<	<	<	<	<	<	<	<
Sulphate	mg/L	1		100		7	14	19	37		66	16	32	25	24	<	7	<	2	3	26	19	22
Aluminum, dissolved	mg/L	0.01	0.075[b]			0.07	0.05	0.06	0.07		0.07	0.06	0.06	0.06	0.05	0.27	0.33	0.21	0.44	0.23	0.04	0.12	0.09
Mercury	mg/L	0.00002	0.0002		0.000026	<	<	<	<		<	<	<	<	<	<	<	<	<	<	<	<	<
Arsenic	mg/L	0.0001	0.005	0.15		0.0014	0.0011	0.0005	0.0006		0.0016	0.0013	0.0006	0.0001	0.0001	0.001	0.0008	0.0016	0.0011	0.0009	0.0004	0.0010	0.0006
Barium	mg/L	0.001		2.3		0.082	0.128	0.086	0.099		0.168	0.140	0.129	0.088	0.118	0.028	0.050	0.094	0.051	0.021	0.058	0.188	0.115
Boron	mg/L	0.005	0.2	3.550	1.5	0.015	0.042	0.043	0.029		0.074	0.033	0.021	0.007	<	0.013	<	0.023	0.013	0.015	0.014	0.105	0.029
Cadmium	mg/L	0.000015	(note c)	0.00021	0.000017	0.000044	0.000082	0.000025	0.000029		<	0.000083	0.000032	<	<	0.000169	0.000042	0.000303	0.000135	0.000042	0.000032	0.000204	0.000072
Calcium	mg/L	0.02				18.0	23.6	72.6	64.0		134	73.1	79.4	86.3	94.3	10.2	15.1	14.7	11.7	11.0	28.3	56.9	48.9
Chromium	mg/L	0.001	(note d)	0.064		0.006	0.008	0.002	0.003		<	0.011	0.004	<	0.001	0.002	0.002	0.007	0.004	0.001	0.001	0.014	0.006
Cobalt	mg/L	0.0001	0.0009			0.0021	0.0027	0.0007	0.0011		0.0011	0.0038	0.0017	0.0001	0.0002	0.0020	0.0005	0.0031	0.0023	0.0020	0.0003	0.0043	0.0020
Copper	mg/L	0.0001	(note e)	0.0069		0.0067	0.0093	0.0022	0.0037		0.0015	0.0083	0.0044	0.0007	0.0007	0.0025	0.0041	0.0102	0.0064	0.0013	0.0037	0.0136	0.007
Iron	mg/L	0.005	0.3	1		3.84	5.47	1.22	1.67		3.21	6.25	3.06	0.10	0.08	1.66	1.21	6.17	4.00	1.43	0.36	7.78	3.95
Lead	mg/L	0.00002	(note f)	0.002		0.00207	0.00275	0.00051	0.00074		0.00033	0.00337	0.00115	0.00009	0.00005	0.00065	0.00043	0.00684	0.00332	0.00057	0.00019	0.00391	0.00144
Magnesium	mg/L	0.02				9.41	12.6	36.6	30.5		50.8	36.6	37.8	45.4	50.9	6.55	10.1	7.31	6.58	6.73	19.8	38.9	25.4
Manganese	mg/L	0.001				0.109	0.146	0.088	0.111		0.825	0.521	0.243	0.003	0.005	0.153	0.017	0.141	0.16	0.177	0.007	0.206	0.094
Nickel	mg/L	0.01	0.025			<	<	<	<		<	<	<	<	<	<	<	<	<	<	<	<	<
Potassium	mg/L	0.1				4.9	7.2	3.1	3.5		54	4.9	3.4	0.9	0.8	1.5	1.9	2.2	3.7	1.4	2.5	3.6	3.1
Silver	mg/L	0.0001	0.0001			<	<	<	<		<	<	<	<	<	<	<	<	<	<	<	<	<
Sodium	mg/L	0.2				6.3	9.1	23.1	33.2		60	39.7	51.8	16.4	20.7	3.9	5.6	3.9	3.4	4.1	10.7	22.4	10.2
Strontium	mg/L	0.001				0.105	0.135	0.341	0.330		1.490	0.404	0.466	0.373	0.433	0.110	0.144	0.114	0.081	0.098	0.282	0.450	0.306
Vanadium	mg/L	0.0001	0.006			0.0118	0.0129	0.0041	0.0045		0.0016	0.0145	0.0063	0.0026	0.0025	0.0034	0.0028	0.0125	0.0069	0.0022	0.0015	0.0188	0.0091
Zinc	mg/L	0.005	0.02	0.089	0.030	0.016	0.042	0.005	0.013		0.013	0.030	0.020	<	0.006	0.016	0.016	0.166	0.069	0.012	0.017	0.042	0.030
pH (field)	pH Units	-	6.5 - 8.5	6.0 - 9.0		7.88	8.90	8.42	8.03		7.61	7.85	6.60	8.11	8.00	8.14	7.96	7.48	9.11	7.88	8.78	8.33	8.52
Temperature (field)	°C	-				24.89	10.15	16.51	10.27		9.48	19.60	6.75	11.33	12.09	13.32	15.25	17.04	15.26	14.29	13.10	20.30	9.40
Dissolved Oxygen (field)	mg/L	-	(note g)			5.78	15.44	19.68	6.71		0	14.43	9.48	8.08	9.46	2.84	8.04	1.02	14.21	1.79	8.80	11.84	6.50
Conductivity (field)	mS/cm	-				0.153	0.202	0.659	0.595		1.050	0.639	0.804	0.816	0.690	0.080	0.133	0.109	0.092	0.101	0.256	0.355	0.401
Ammonia, unionized (field)[l]	mg/L	0.01	0.020	0.100		<0.01	0.030	<0.01	<0.01		0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.066	<0.01	<0.01	<0.01	<0.01

Data Input: SG
Data Check: JMP

Notes:

"SW ###" denotes surface water station ID

"<" denotes result below reporting limit
"<#" denotes RL elevated above criteria
"-" denotes not analyzed

shading indicates concentration exceeds the 1994 PWQO (as updated in 1999)
shading indicates 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)
shading indicates 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)

[a] Alkalinity should not be decreased by more than 25% of the natural concentration
[b] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[c] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[d] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.00(Metals are reported as "total" with the exception of Aluminum and Mercury (reported as dissolved)
[e] Copper criteria: 0-20 mg/L Hardness = 0.001 mg/L, >20 mg/L Hardness = 0.005 mg/L
[f] Lead criteria: <30 mg/L Hardness = 0.001 mg/L, 30 to 80 mg/L Hardness = 0.003 mg/L, >80 mg/L Hardness = 0.005 mg/L
[g] PWQO for minimum DO concentration set at conservative value based on highest temperature and warm water biota
DO criteria: $0^{o}C$ -$5^{o}C$ = ≥7mg/L $5^{o}C$-$10^{o}C$ = ≥ 6mg/L $10^{o}C$-$20^{o}C$ = ≥5mg/L $20^{o}C$-$25^{o}C$ = ≥ 4mg/L
[h] Table A and Table B standards apply only to Phenol
[I] Unionized Ammonia calculated using field parameters for pH and temperature
[j] Lab reported sediment present in sample

Appendix C
Amended Environmental Compliance Approval (ECA)
No. 442003

Ontario

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

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

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

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

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

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

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

"Adverse Effect" as defined in the EPA;

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

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

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

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

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

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

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

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

“HHW” means household hazardous waste;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TERMS AND CONDITIONS

1. GENERAL

Compliance

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

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

In Accordance

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

Interpretation

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

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

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

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

Other Legal Obligations

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

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

Adverse Effect

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

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

Change of Ownership

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

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

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

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

Registration on Title Requirement

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

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

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

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

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

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

Registration on Title Requirement - Contaminant Attenuation Zone (CAZ)

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

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

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

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

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

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

the Contaminant Attenuation Zone.

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

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

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

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

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

Inspections by the Ministry

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

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

Information and Record Retention

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

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

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

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

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

2. SITE OPERATION

Operation

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

Signs

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

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

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

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

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

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

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

Burning Waste Prohibited

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

Site Access

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

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

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

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

Site Security

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

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

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

3. EMPLOYEE TRAINING

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

4. COMPLAINTS RESPONSE PROCEDURE

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

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

5. EMERGENCY RESPONSE

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

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

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

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

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

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

6. INSPECTIONS, RECORD KEEPING AND REPORTING

Daily Inspections and Inspection Log

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

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

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

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

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

Daily Waste Log

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

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

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

Other Information

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

Annual Report

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

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

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

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

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

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

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

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

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

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

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

7. LANDFILL DESIGN AND DEVELOPMENT

Approved Waste Types

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

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

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

Service Area

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

Cover

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

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

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

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

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

management and landfill gas management.

(6) Cover material shall be applied as follows:

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

Capacity

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

8. LANDFILL MONITORING

Landfill Gas

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

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

Surface Water and Groundwater

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

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

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

the overburden and bedrock units;

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

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

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

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

Leachate Monitoring

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

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

Compliance

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

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

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

Groundwater Wells and Monitors

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

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

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

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

Trigger Mechanisms and Contingency Plan

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

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

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

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

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

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

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

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

Changes to the Monitoring Plan, Trigger Mechanism and Contingency Plan

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

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

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

9. LANDFILL CLOSURE PLAN

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

10. WASTE DIVERSION AND TRANSFER STATION OPERATIONS

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

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

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

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

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

Labelling of Bins

(6) The Owner shall ensure that:

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

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

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

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

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

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

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

Inspections

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

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

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

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

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

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

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

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

Operation Manuals

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

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

Daily Log Book

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

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

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

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

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

Closure Plan

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

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

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

11. LEAF AND YARD WASTE COMPOSTING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(i) for unrestricted use as Category AA Compost;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SCHEDULE "A"

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

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

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

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

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

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

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

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

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

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

Site, Malroz Engineering Inc., dated April 2022.

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

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

SCHEDULE "B"

Table 1: Groundwater Monitoring Program

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

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

Table 2: Surface Water Monitoring Program

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

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

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

GENERAL

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

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

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

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

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

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

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

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

SITE OPERATION

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

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

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

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

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

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

EMPLOYEE TRAINING

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

COMPLAINTS RESPONSE PROCEDURE

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

EMERGENCY RESPONSE

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

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

RECORD KEEPING AND REPORTING

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

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

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

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

LANDFILL DESIGN AND DEVELOPMENT

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

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

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

LANDFILL MONITORING

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

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

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

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

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

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

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

CLOSURE PLAN

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

WASTE DIVERSION

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

COMPOSTING

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

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

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

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

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

The Notice should also include:

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

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

This Notice must be served upon:

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

and

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

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

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

DATED AT TORONTO this 30th day of June, 2022

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

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

Tasks	Analyses	Groundwater Wells
Monitoring • Visual inspection of wells. • Survey well location with GPS. • Measure combustible vapours in wells. • Measure depth to water and depth to well bottom. **Groundwater Sampling** • Purge and sample each location (3 to 5 well volumes). • Examine water for impact (e.g., discolouration, LNAPL). • Measure field parameters. • Submit samples for field analyses. **Well Inspection** • Assess the condition of all monitoring wells included in the groundwater monitoring program.	**Field Parameters** Temperature, pH, dissolved oxygen, oxidizing/reducing potential, conductivity, and turbidity. **Laboratory Parameters:** Alkalinity, Boron, N – Ammonia, Cadmium, BOD, Calcium, COD, Chromium, DOC, Cobalt, Conductivity, Copper, Hardness, Iron, pH, Lead, Phenols, Magnesium, Phosphorus (total), Manganese, TDS, Potassium, TSS, Silver, Total Kjeldahl Nitrogen, Sodium, Chloride, Strontium, N – Nitrate, Uranium, N – Nitrite, Vanadium, Sulphate, Zinc, Mercury, Aluminum, Arsenic, and Barium. Volatile Organic Compounds (VOCs) to be analyzed every 5 years (next round in 2023).	**Existing Wells** 91-1, 91-2 (destroyed), 91-3, 91-4, 11-1*, 11-2*, 11-3, 11-4*, 11-5 (destroyed), 11-6, 11-7, 15-2, 15-1 (formerly 03-2) **Malroz Wells:** MW101, MW102 (bedrock), MW103, MW104 (bedrock), MW105*, MW106*, MW107* (bedrock), MW201 (bedrock), MW202, MW203* (bedrock). **Drinking Water Wells:** 572 Eden Grove Road (County Road 34) **Additional Wells (installed in 2019)** MW201, MW202, MW203 **Additional Well (installed in July 2021)** MW301
Additional Tasks Undertaken in 2021 (voluntary)		
Groundwater Sampling (low flow)	PFAS (reduced analyte list)	11-1*, 11-2*, MW104*, MW105*, MW106*, MW107*, MW201*, MW202*, MW203* MW301 **Drinking Water Wells** 379 Eden Grove Road 391 Eden Grove Road

Appendix D
Site Photos

1. Illegal dumping
May-2022

2. SW1
May-2022

3. SW4
May-2022

4. MW102 and MW103
May-2022

5. 11-4
May-2022

6. MW201 and MW202
October-2022

7. SW4
October-2022

8. SW8
October-2022

9. 91-1
October-2022

10. View of the sign at front gate.
October-2022

11. Damaged MW301
November-2022

12. Repaired MW301
November-2022

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 February 1, 2022

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

FROM: Shawn Trimper
Hydrogeologist
Technical Support Section
Eastern Region

RE: 2020 Annual Report & Design and Operations Report
Lansdowne Waste Disposal Site
Lot 12, Concession 2, Geographic Township of Lansdowne
Township of Leeds and the Thousand Islands
Environmental Compliance Approval No. A442003

The Ministry of the Environment, Conservation and Parks (the ministry) Kingston District Office provided the following reports:

- Report titled "Lansdowne Waste Disposal Site, 2020 Annual Monitoring, Development and Operations Report" dated March 31, 2021 and prepared by Malroz Engineering Inc. (Malroz).
- Report titled "Development, Operations, and Closure Plan and Transfer Station Design and Operations Plan for the Lansdowne Waste Disposal Site" dated August 2021 and prepared by Malroz.

I was also provided a PDF file titled "September PFAS Update" which contains additional "draft" information and results prepared and provided by Malroz.

I have reviewed the hydrogeological aspects of the above listed documents and files and offer the following comments for your consideration. The following section contains a summary of factual site details and a summary of information and interpretations provided in the reviewed documents. My conclusions and recommendations are provided in the final section of this memorandum.

Environmental Compliance Approval (ECA)

The Lansdowne Waste Disposal Site (WDS) is located on Part of Lot 12, Concession 2, in the Geographic Township of Lansdowne and is owned and operated by The Corporation of the Township of Leeds and the Thousand Islands (the township). Waste management activities are licensed under ECA No. A442003 and was last amended/issued in 2016. The site is licensed for the operations of a 9.2 hectare (ha)

landfill and a waste transfer station (WTS) within a total site area of 12.7. The site is licensed to receive solid non-hazardous municipal waste generated in the township. The site is a natural attenuation site. The landfilling method currently used at the site is area fill; however, it is understood that the trench and fill method was historically used at the site. Waste placement has proceeded from south to north. It is understood that final cover has been applied to the southern portion of the waste mound and interim cover has been applied to the central portion of the waste mound.

The ECA was amended in 2001 recognizing a 9.5 ha contaminant attenuation zone (CAZ) located south and west of the site. In recent years the township purchased a 50 metre buffer to the east of the site (approximately 3.7 ha) and the groundwater rights for an additional 12.7 ha parcel of land located further east to be used as a CAZ. It is reported that the recently acquired lands/rights were registered on title in 2017.

Some uncertainty has previously existed with respect to the approved volumetric capacity of the site as a VOLUME is not specified in the ECA. An updated design was prepared by BluMetric in 2017 and has been included in the recently provided Design & Operations Report (Malroz, August 2021). The proposed design has a volumetric capacity of 264,387 m^3 and is currently under consideration for approval by the ministry. Additional details and comments related to the Design & Operations Report (Malroz, August 2021) are provided elsewhere in this memorandum. Based on the proposed design, a topographic survey completed by Malroz in December 2020, and recent fill rates, Malroz estimates that the site had 24,109 m^3 of remaining capacity and a life span of approximately 3 to 4 years.

Physical Setting

The site is located in a rural area and surrounding land use is primarily generally agricultural with sparse residential development also present. Adjacent properties to the north, east, and west of the site consist primarily of agricultural fields. A large wetland complex is located south and southeast of the site. Various ditches and drains are present on and surrounding the site. It is understood that the agricultural field located east of the site is tile drained.

Geology

Overburden on and surrounding the site ranges in thickness from 0 metres (bedrock outcrops) to greater than 13.9 metres. The composition of the overburden is described as a mixture of clay and silty clay with thin isolated lenses of fine sand. A thicker sand unit is identified along the eastern boundary of the current CAZ. Overburden thickness appears to be significantly greater on the eastern CAZ in comparison to other areas. Organic deposits are also present in the wetland areas located south and southeast of the fill area.

Bedrock is reported to be composed of granite and syenite and is heavily glaciated and undulating. A bedrock ridge is reported to exist along the eastern property boundary.

Hydrogeology

Malroz provides the following details regarding groundwater conditions in the 2020 Annual Monitoring Report (AMR):

- Two distinct hydrogeological units are monitored at the site and include the overburden unit and the bedrock unit.
- Groundwater flow in the overburden unit is generally toward the east with some components toward the northeast and southeast, and radial flow in the vicinity of the fill area due to groundwater mounding.
- Groundwater flow in the shallow bedrock is interpreted to be generally toward the northeast.
- Shallow groundwater flow is expected to be heavily influenced by drainage ditches and surface water features.
- The northern portion of the site is located in the Cataraqui River watershed, and the southern portion of the site is located in the Upper St. Lawrence River watershed. The presence of the watershed boundary is expected to result in a groundwater divide.
- The overburden and bedrock units are interpreted to have some degree of hydraulic connection.
- Downward gradients (upward/discharging conditions) are generally observed to the west and immediately east of the waste mound. Upward gradients (downward/recharging conditions) are generally identified to the north and far east of the waste mound.
- Groundwater on and surrounding the site is interpreted to discharge (to some degree) to drainage ditches located north, west, and east of the site, as well as to the southern wetland.

Additional assessment was completed during 2019/2020 to further assess groundwater and surface water interactions to the north and northwest of the waste mound. This work involved the installation of water level dataloggers at selected monitoring wells located near the surface water features (11-1, 11-3, MW105) and comparing the groundwater elevations to the watercourse invert elevations. Based on the results and additional information, Malroz provided the following lines of evidence to support the hypothesis that groundwater originating from the landfill would discharge to discharge to surface water in these areas:

- Groundwater elevations in monitoring wells located south of the northern ditch have groundwater elevations greater than the watercourse invert indicating discharge.
- Groundwater elevations in those monitoring wells located north of the northern watercourse are greater than the watercourse invert (overburden and bedrock) and groundwater elevations in monitoring wells located south of the drain, indicating discharging conditions and an overall southerly groundwater flow in this area.

- PFAS sampling in overburden and bedrock monitoring wells located north of the northern water course (MW104 and MW105) were below method detection limits or present at trace concentrations, indicating that leachate is not present at these locations

Groundwater Monitoring and Sampling Activities (2020/2021)

Groundwater monitoring is currently conducted twice per year (spring and fall) and reported annually. The currently approved monitoring program (monitoring well network and parameters) are outlined in Schedule B of the ECA. Malroz indicates that the groundwater monitoring and sampling program was completed in accordance with the requirements of the ECA with minor exceptions. Additional monitoring was also completed in 2020/2021 related to the ongoing assessment of leachate and the delineation of leachate impacts on and surrounding the site and in accordance with recommendations provided by the ministry.

The groundwater monitoring and sampling activities completed and reported in the current reports are generally summarised as follows:

- Groundwater monitoring and sampling was completed in the spring (April) and fall (November) of 2020 at sixteen (16) overburden monitoring wells and five (5) bedrock monitoring wells. recently installed by Malroz in 2017/2018. Sampling was completed for a comprehensive list of general chemistry parameters consistent with those listed in Table 3-1 of the ECA.
- Monitoring well MW101 could not be sampled on either occasion as it contained insufficient water.
- Supplementary PFAS sampling was completed at the following monitoring wells during December 2020 and February 2021 (unless otherwise noted): 11-1, 11-2, MW104 (February 2021 only), MW105, MW106, MW107, MW201(February 2021 only), MW202 (February 2021 only), MW203, and MW301 (August 2021 only)
- Supplementary monitoring was conducted at selected monitoring wells during the fall 2020 sampling event to determine if sediment present in the samples were influencing the results.
- Volatile organic compounds (VOCs) were not sampled in 2020. VOC sampling is only required to be completed once every five (5) years (at all monitoring wells). The next VOC sampling event is scheduled for 2023.

Background Groundwater Quality

Background groundwater quality in the overburden unit has historically been assessed using monitoring well 11-4. Monitoring well 11-4 is located approximately 150 metres west (hydraulically up-gradient) of the site; however, this monitoring well is reported to be impacted by agricultural activities. The presence of agricultural impacts in this monitoring well have raised concerns with respect to its suitability and use as a background monitoring well. Dissolved organic carbon (DOC), hardness, and nitrate exceeded the Ontario Drinking Water Standards (ODWS) on one or more occasions during 2020. Malroz indicates that the identified exceedances are consistent with agricultural practices and geological conditions. Malroz indicates that recently installed overburden monitoring well MW103 is also located upgradient of the site; however, the groundwater quality at this monitoring well indicates that is also impacted by agricultural

activities and/or other non-landfill related influences. Elevated parameters at MW103 include aluminum, ammonia, arsenic, barium, boron, cadmium, cobalt, copper, chemical oxygen demand (COD), chloride, DOC, hardness, lead, magnesium, potassium, total dissolved solids (TDS), total suspended solids (TSS), sodium, strontium, sulphate, uranium, vanadium, and zinc.

Recently installed bedrock monitoring well MW102 has been used to assess background water quality in the bedrock since its installation and is characterised by concentrations of chloride, hardness, iron, and manganese above the ODWS.

Based on the above mentioned results Malroz concludes that groundwater in the area is highly variable and may mask leachate impacts and greatly complicate interpretation of the results.

Leachate Indicator Parameters (LIPs)

Leachate quality is characterised using overburden monitoring well 11-2 and (completed within the waste mound) and bedrock monitoring well MW107 (located immediately east of the waste mound). During 2020, ODWS exceedances were reported at overburden leachate monitoring well 11-2 for alkalinity, aluminum, DOC, hardness, iron, manganese, and TDS. During 2020, ODWS exceedances were reported at bedrock monitoring well MW107 for alkalinity, aluminum, DOC, hardness, manganese, TDS, and sulphate.

Malroz identifies a list of potential, core, and compliance leachate indicator parameters for the site based on statistical criteria that they developed to compare leachate quality to background groundwater quality.

Malroz identifies per- and polyfluoroalkyl substances (PFAS) as a particularly valuable LIP at this this site given the complex and variable nature of background groundwater quality. PFAS is also identified as a compliance LIP.

Malroz identifies the following parameters as potential LIPs: alkalinity, aluminum, ammonia, barium, boron, chloride, cobalt, conductivity, DOC, hardness, iron, manganese, magnesium, potassium, sodium, sulphate, strontium, TDS, and Total Kjeldahl Nitrogen (TKN).

Malroz identifies the following parameters as potential LIPs: ammonia, boron, cobalt, DOC, hardness, iron, manganese, sulphate, strontium.

Malroz identifies the following parameters as compliance LIPs: boron, DOC, hardness, iron, manganese, sulphate, and PFAS.

Downgradient Groundwater Quality

Overburden Aquifer:

Until recent years leachate impacts were previously poorly delineated within the overburden unit to the north, east, and west; however, additional monitoring wells have been installed in recent years and have greatly improved the delineation of leachate

impacts in the overburden unit. PFAS sampling has also allowed for a more conclusive way to differentiate leachate impacts.

The leachate plume is interpreted to extend onto and beyond the existing CAZ located east of the site. Leachate impacts are also interpreted to extend to the south of the waste mound where leachate contaminated groundwater is expected to discharge to the wetland area. Radial flow conditions have also resulted in leachate impacts in groundwater to the northwest (11-3) and north (11-1) of the waste mound; however, recent investigations by Malroz indicate that any leachate impacted groundwater is expected to discharge to surface water features present in these directions. Impacts identified at monitoring well 11-3 are expected to extend off-site before discharging to the agricultural drain approximately 50 metres beyond the property boundary. Groundwater quality data from the newly installed overburden monitoring wells also supports the hypothesis that leachate impacts are discharging to surface water.

Bedrock Aquifer:

It was previously assumed that the underlying bedrock was poorly fractured and not susceptible to leachate contamination. However, at the request of the ministry bedrock monitoring wells were installed at the site in 2017 and confirmed the presence of leachate impacted groundwater within the bedrock unit to the east of the waste mound (MW107). As a result, and at the request of the ministry, two (2) additional bedrock monitoring wells (MW201 and MW203) were installed to the northeast and east of the site. Based on the presence of PFAS in the bedrock monitoring well to the east (MW203) it was determined that that a leachate plume is present on the eastern Caz and extends beyond the CAZ and is undelineated. Since the submission of the 2020 AMR, it is understood that an additional bedrock monitoring well has been installed to the east of MW203, and based on the absence of PFAS in a groundwater sample collected from this monitoring well in August 2021, it is encouraging that the eastern extent of leachate impacts have now been delineated in the bedrock unit.

<u>Groundwater – Surface Water Interaction</u>

Leachate impacted groundwater within the shallow overburden unit is expected to discharge to the various low-lying ditches, drains, and wetland areas surrounding the site. Leachate impacts have been detected in these areas indicating that leachate impacted groundwater has the potential to discharge to and impair surface water. Tile drainage located east of the site also has the potential to intercept and discharge leachate impacted groundwater to surface.

<u>Regulatory Evaluation</u>

Condition 8.3(a) of the ECA requires the site to be operated in compliance with Guideline B-7. The 2020 AMR contains a Guideline B-7 assessment. Reasonable Use Limits (RULs) have been calculated separately for the overburden and bedrock units for those LIPs with associated an ODWS. Malroz provides the following conclusions about the site's compliance with Guideline B-7 at the following property boundaries:

North:

- Leachate impacted groundwater is interpreted to discharge to the northern watercourse, therefore, Malroz indicates that groundwater quality at northern monitoring wells will no longer be compared to RULs.
- The site is interpreted to be in compliance with Guideline B-7 along its northern boundary.

East:

- Exceedances of RULs are reported at the eastern overburden and bedrock compliance monitoring wells MW106 and MW203, respectively. RUL exceedances were reported at MW106 for alkalinity, aluminum, barium, DOC, hardness, iron, manganese, and TDS. RUL exceedances were reported at MW203 for aluminum, DOC, hardness, and iron.
- Based on the presence of PFAS at both monitoring wells MW106 and MW203, it is concluded that the identified RUL exceedances may be leachate related.
- The site is interpreted to be in non-compliance with Guideline B-7 along its eastern boundary.

Northeast:

- Exceedances of RULs are reported at the northeastern overburden and bedrock compliance monitoring wells MW202 and MW201, respectively. RUL exceedances were reported at MW202 for barium, hardness, manganese, and TDS. RUL exceedances were reported at MW201 for sodium, TDS, and uranium.
- Based on the absence of PFAS at both monitoring wells MW201 and MW202, it is concluded that the identified RUL exceedances are not leachate related.
- The site is interpreted to be in compliance with Guideline B-7 along its northeastern boundary.

Northwest:

- Exceedances of RULs are reported at northwestern overburden compliance monitoring well 11-3 (overburden) for alkalinity, aluminum, chloride, DOC, hardness, manganese, and TDS.
- Malroz concludes that the identified RUL exceedances may be landfill related.
- The site is interpreted to be in non-compliance with Guideline B-7 along its northwestern boundary.

West:

- Malroz indicates that groundwater flow is predominantly toward the east in both the overburden and bedrock and those monitoring wells located western portion of the site are used to assess background conditions; therefore, the site is implied to be in compliance with Guideline B-7 along its western property boundary.

South:

- Exceedances of RULs are reported at the southern compliance monitoring wells 91-3 and 15-1 (both overburden monitoring wells) for alkalinity, aluminum, barium, DOC, hardness, iron, manganese, and TDS.
- Leachate impacted groundwater is interpreted to discharge to the wetland located south of the site; therefore, the site is interpreted to be in compliance with Guideline B-7 along its northern boundary.

Overall, the site is reported to be in non-compliance with Guideline B-7 at its eastern and northwestern property boundaries.

Trigger Mechanisms and Contingency Plans

Trigger mechanisms and associated contingency action plans have not been developed for the site. Condition 8(11) required groundwater trigger mechanisms and associated contingency plans to be developed within one (1) year of the issuance of ECA (issued March 24, 2016), respectively. The intent of condition 8 was to allow the township time to delineate the extent of leachate impacts prior to the development of the trigger mechanisms and contingency plans. However, due to delays and additional work being required to delineate leachate impacts, at my recommendation, the development of trigger mechanisms and contingency action plans have been postponed until these activities has been completed.

An action plan is provided in the 2020 AMR and is intended to bring that is intended to bring the site into compliance with Guideline B-7. The details of this plan are consistent with plans previously discussed with the ministry. The plan proposes the following activities:

- Purchase or acquire groundwater rights for a specified area of land located northwest of the site for use as a CAZ.
- Install one bedrock and one overburden monitoring well east of the existing CAZ in an attempt to delineate leachate impacts toward the east.
- Purchase or acquire groundwater rights for a specified area of land located east of the site for use as a CAZ.
- Continue to sample PFAS in onsite monitoring wells and the proposed monitoring wells to the east.

While not formally reported, the “September PFAS Update” provides a borehole log and PFAS results associated with a bedrock monitoring well (MW301) that was installed at/near the proposed drilling location in July 2021. Only trace PFAS (was detected at MW301 indicating that this monitoring well may delineate the eastern extent of leachate impacts. While not indicated in the submission, it appears that an overburden monitoring well could not be installed at the proposed location as thinner than expected overburden was encountered (approximately 2.3 metres).

Water Supply Wells

Residential and agricultural properties surrounding the site rely on private supply wells for water supply. The bedrock unit is the primary aquifer for water supply in the area; however, use of the overburden as a water supply cannot be discounted in areas of thicker overburden. The site is not located in a well head protection area (WHPA).

The nearest residence is located approximately 150 metres west of the site at 572 County Road 34. This domestic supply well was added to the monitoring program in 2017 at the request of the MECP. This domestic well was sampled in the fall of 2020 and ODWS exceedances were reported for chloride, hardness, manganese, and TDS. The identified exceedances are not interpreted to be landfill related.

Following the discovery of PFAS at concentrations of potential concern in monitoring wells surrounding the site, sampling was completed (general chemistry and PFAS) at the request of the ministry and as a precautionary measure at 379 Eden Grove Road and 391 Eden Grove Road in February 2021. These wells are located approximately 500 metres east of the waste mound. ODWS exceedances were reported at both locations for hardness, iron, and manganese. PFAS was not detected at either location.

Based on the available results the site is not interpreted to be having any impact on domestic wells. Malroz indicates that further monitoring is proposed at the residential wells located at 379 Eden Grove Road and 391 Eden Grove Road as monitoring wells are now located between the site and these residential properties.

Landfill Gas

Three (3) passive landfill gas vents are present at the site and are required to be maintained as per condition 8(2) of the ECA. Landfill gas monitoring was conducted in all existing monitoring wells and passive gas vents during each of the groundwater monitoring events completed in 2020 (April and November). No response was identified in all of the monitoring wells. Methane concentrations in the south gas vent was >100% of the lower explosive limit (LEL). Methane concentrations in the north and middle gas vent were well below the LEL (maximum concentration of 22% LEL).

Malroz provides no interpretation related to the significance of the landfill gas results in the 2020 AMR.

Proposed Groundwater Monitoring Program (2021)

Malroz recommends that the groundwater monitoring should continue as approved in the ECA with the following additional recommendations:

- Recently installed monitoring wells MW101, MW102, MW103, MW104, MW105, MW106, MW107, MW202, and MW203 should be added to the monitoring program.
- PFAS analysis should continue at monitoring wells 11-2, MW104, MW106, MW201, MW202, and MW203.
- Low flow sampling should be utilised when completing PFAS and VOC sampling.

Design & Operations Report (Malroz, August 2021)

Given that the site is nearing capacity and does not have a formally approved design, the Design & Operations Report provides an updated volumetric design for the site and outlines closure and post closure activities to be completed. I specifically note the following:

- The proposed design was prepared by BluMetric (2017) and has a volumetric capacity of 264,387 m^3. The design was previously provided to the ministry but has not been formally accepted or approved.
- Once the site reaches its final capacity the waste mound is to be capped with final cover, and the site will continue to operate as a Waste Transfer Station (WTS). The WTS infrastructure is already present on the site. Waste is to be transported to an accredited site located outside the township.
- The final cap is to consist of 600 mm of clay (with a hydraulic conductivity of less than $1x10^{-6}$ m/s) overlain by 150 mm of topsoil. The topsoil is to be hydroseeded to prevent erosion.
- Limited details are provided in the report related to the groundwater and surface water monitoring programs and instead references the 2020 AMR.
- Groundwater and surface water trigger mechanisms and contingency action plans have not been provided in the report; however, it is indicated that they should be developed once the site is brought into compliance with Guideline B-7.

Conclusions and Recommendations

1) The Lansdowne WDS is an operating natural attenuation WDS.

2) The site is nearing capacity and had a remaining lifespan of 3 to 4 years as of the end of 2020.

3) Background groundwater quality is difficult to assess at this site due to complex and variable geochemistry and the presence of other activities/sources (road salting, agricultural land use, wetlands) that may be influencing the groundwater chemistry. This issue makes it extremely difficult to differentiate landfill leachate impacts from other non-landfill related sources. The current assessment of background conditions is generally sufficient; however, the results should be interpreted with caution.

4) I continue to have concerns with the methods used to define LIPs at the site. The methods used and various classifications are unnecessarily complex and could inappropriately limit the recognition of landfill related impacts. Having said this, all LIPs with an ODWS are considered in the Guideline B-7 assessment so I have no further concerns (so long as this continues). The use of PFAs as a tool to differentiate leachate impacts form non-landfill related impacts also limits the need to fully resolve what the LIPs are.

5) Leachate impacted groundwater is expected to discharge to and impair surface water surrounding the site. As such, a ministry surface water specialist should continue to be consulted with respect to surface water monitoring and management associated with this site.

6) The hypothesis and interpretation provided by Malroz that groundwater from the site discharges to surface water courses located northwest and north of the site is a reasonable hypothesis, although I would note that this is not absolute, and the provided lines of evidence are not conclusive and suffer from some flawed gneralisations when interpreting the data and about groundwater discharge generally. I can provide additional details should you or Malroz wish to discuss them. In general, I conclude that the potential for leachate migration beyond the northern and northwestern is likely limited but should be confirmed through ongoing monitoring (particularly toward the north).

7) Based on the recent results (PFAS), it is now apparent that relatively significant leachate impacts are present on and extending beyond the existing eastern CAZ and may be discharging to the surface water features present to the east of MW106. It is also understood that this field is tile drained; however, I am unaware of the location of the tile drain outlets. The ministry's surface water specialist should consider the need for additional surface water monitoring east of MW106 and/or at the outlets of the tile drainage system.

8) Monitoring Well 91-1 is included in the monitoring program but the results from this monitoring well were not discussed in the body of the report. This a minor point for consideration in future reports as all other monitoring well results are explicitly discussed.

9) I conclude that the site is not currently interpreted to be impacting water quality at domestic wells located in proximity to the site. I agree with this conclusion. Ongoing sampling of relevant domestic wells should continue to be completed (so long as the owners/occupants of the properties wish to participate).

10) Condition 8.3(a) of the ECA requires the site to be operated in compliance with Guideline B-7.

11) I agree with the conclusion that the site is in non-compliance with Guideline B-7 along its northwestern and eastern property boundaries.

12) I have no objection to not defining northern compliance monitoring wells on the assumption that groundwater is expected to discharge to the surface water course located along the northern property boundary. However, if PFAS is detected at MW104 and/or MW105 and indicate that leachate is migrating beyond the surface water course, additional assessment and potentially contingency action will be required.

13) An action plan is provided in the 2020 AMR and is intended to bring the site into compliance with Guideline B-7. The details of this plan are consistent with plans previously discussed with the ministry. Since the submission of the 2020 AMR was completed, portions of the action plan are now complete (September PFAS Update) and preliminary results appear to be favorable.

14) Condition 8.11 of the ECA requires that groundwater trigger mechanisms and contingency action plans be developed for the site within one year of the issuance date of the amended ECA. However, based on my previous recommendations the development of triggers and contingency plans has been postponed until the site is brought into compliance with Guideline B-7. While the site has not been brought into compliance with Guideline B-7, the extent of leachate impacts have now been (or are close to being) delineated and it is understood that the township is in the process purchasing or acquiring groundwater rights for those lands located east and northwest of the site that will bring the site in compliance. Given that leachate impacts are now delineated, it should be possible to develop a contingency action plan for the site.

15) I am supportive of the groundwater monitoring program proposed by Malroz with the following additions/changes:

    a) I recommend that PFAS sampling also be completed at MW105.I recommend that PFAS sampling be completed twice per year at key compliance monitoring wells MW201, MW202, and MW301. However, I would be supportive of sampling PFAS only once per year at the remaining monitoring well locations.

    b) I recommend that the private supply wells located at 379 Eden Grove Road, 391 Eden Grove Road, and 572 Eden Grove Road continue to be included in the monitoring program (so long as the owner/occupants wish to participate). Given the complex geochemistry in the area, I would have no objection to sampling these locations for only PFAS and at a frequency of once per year. I note that the monitoring requirements at 572 Eden Grove Road are prescribed in the ECA and any reductions in frequency or parameters at this location should only be implemented in accordance with the requirements of the ECA.

    c) The currently approved monitoring program requires VOC monitoring at all monitoring wells every five years. I would be open to a reduction in the monitoring locations to include only select monitoring wells located in the vicinity of the waste mound. If VOCs are detected at concentrations of concern in these monitoring wells, the sampling of additional monitoring wells would need to be considered. Again, this change would need to be made in accordance with the requirements of the ECA.

16) Future monitoring reports should provide interpretations and conclusions related to the landfill gas monitoring results.

17) Landfill gas monitoring indicates that landfill gas is being generated at the site; however, I do not expect landfill gas to represent an off-site at this time. A comprehensive assessment of landfill gas monitoring and management is beyond the scope of this review. The ministry’s regional air analyst or engineer should be consulted if you would like a more comprehensive assessment of the landfill gas mitigation and monitoring activities at the site.

18) Condition 8(1) requires that any onsite structures contain adequate ventilation systems to mitigate landfill gas accumulation and requires routine monitoring of methane to be completed within structures. The 2020 AMR provides no discussion of structures, ventilation systems, or monitoring results. It should be ensured that the requirements of condition 8(1) is carried out and documentation demonstrating this should be provided in future monitoring reports.

19) From a hydrogeological perspective, I have no concerns with the proposed volumetric design and final cover design and support the closure of the site and the continued operation of the site as a WTS.

20) I previously requested that all current and historical water quality data be provided with future reports. The 2020 AMR was accompanied by a spreadsheet containing all current and historical data. The provision of this data is greatly appreciated.

Shawn Trimper

Shawn Trimper, P.Eng.
ST

ec: Victor Castro
Roberto Sacilotto
Lauren Forrester

GW LG LT 01 02 C2 (Lansdowne WDS; ECA No. A442003)
ECHO Review No. 1-20615484

Appendix F

Daily Inspections and Waste Logs Summary

Township of
Leeds and the
Thousand Islands

LANSDOWNE

JAN - JUNE

2022

www.leeds1000islands.ca

1233 Prince Street, P.O. 280, Lansdowne, ON K0E 1L0 • Tel: 613-659-2415 • Fax: 613-659-3619 • Toll-free: 1-866-220-2327

Township of Leeds and the Thousand Islands

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

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

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: JAN 3/22 **TIME:** 8:00 am **STAFF:** Paul T / Anne M.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

People in A.M

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)
7:30-8:30	Fletcher	Garbage	2 T/L	
11:30	Private	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 117

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tertoso

OFFICE USE:

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

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1233 Prince Street, P.O. Box 280
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☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 4/22 **TIME:** 8:15 Am **STAFF:** Paul T / John J

DEFICIENCIES OBSERVED: Description / Location

Ponded Water: Yes / No
Windblown Litter: Yes / No
Leachate Springs: Yes / No
Animals: Yes / No — Cats
Other: Yes / No

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H

RECYCLING:
DATE BINS WERE ORDERED: / /
DATES BINS WERE PICKED UP: / /
TYPE: Pre Ordered Plastic & Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packing Bins

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 180

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Pushing Back Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE Print Staff Name: P. Timpson

OFFICE USE:
Date Reviewed: Reviewer: File Number:

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 6/22 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A. H

RECYCLING:

DATE BINS WERE ORDERED: 4/1/22

DATES BINS WERE PICKED UP: 4/1/22

TYPE Plastic - Paper - Cardboard - Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Compost Bins Changed 4/1/22 Bins Packed / Backhoe To Resight For Cleanup.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fortman	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 195

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Mich

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 7/21 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

Ok

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Shovelled up snow in Compound
Pushed Compactor Back on Hill / Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:15	Quinte	Garbage	1/2 TK	Yes

TOTAL COUNT OF HOUSEHOLD USERS: _____

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Garbage Picked up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Matthews

OFFICE USE:

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

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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 8/22 **TIME:** 8:00 am **STAFF:** Paul T/

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.
Beacon Closed at Entrance Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 257

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed Back on Mine

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 10/22 **TIME:** 8:05 Am **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pulled Bins / Backhoe to Escott
Cleaned up Garbage at Cats + Between Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30-9:00	Fletcher	Garbage	4 T/L	Yes

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: Picked Garbage on Mill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Jackson

OFFICE USE:

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

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- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 11/22 **TIME:** 8:00 am **STAFF:** Paul T / Jamie

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
3:30	Private	Garbage Tags on Bags.

OTHER COMMENTS / OBSERVATIONS Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

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

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: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: January 13 / 2022 **TIME:** _____ **STAFF:** ALLAN McRae -4

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:
-4 Light drizzle / Salt & Sand.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 01 / 13 / 2022 (paper & Plastic & Cardboard.)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Tire Recycler was in.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:45 Am	Clint Fletcher	mixed	Truck Load	✓
10:30 Am	" "	"	" "	✓
12:10 pm	" "	"	" "	✓
1:00 pm	" "	"	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 112

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: around bins & Site.

APPLICATION OF DUST 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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- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 14/22 **TIME:** 805 pm **STAFF:** Paul T / Alan M.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

People in A H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:45	Private	Const.	1/2 T/V	65.00
3:20	"	"	1/2 T/V	65.00

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:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 15/22 **TIME:** 8:05 am **STAFF:** Paul T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H. taking bottles from Lions Club freezer. No one is picking them up again.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Oil Container Totes Changed Fri Jan 14/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
3:15	Private	Couch from Gan.

OTHER COMMENTS / OBSERVATIONS Garbage on Right Side of Hill is full / No work to Dump.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 181

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage Back on Hill Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trappers

OFFICE USE:

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

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

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 17/22 **TIME:** 8:00 am **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Snow Storm
Packed Bins / Plows Snow.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 - 3:30	Furtenbacher	Garbage	4 T/C	Viewed

TOTAL COUNT OF HOUSEHOLD USERS: 20

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tatham

OFFICE USE:

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

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

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 18/22 **TIME:** 805 am **STAFF:** Paul T / John S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.
Using Totes to Collect Bottles

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plows Coming on Hill
Clearing Snow

COMMERCIAL HAULER OR LARGE LOADS

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

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: _____

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Thompson

OFFICE USE:

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

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☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 20/22 **TIME:** 8:10 am **STAFF:** Paul / Adam M.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 18/1/22 Cardboard + Plastic

DATES BINS WERE PICKED UP: 20/1/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage / Packed Bins Composter Bins Cameras Work

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8-1:00	Fletcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 130

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trotter

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 21/22 **TIME:** 8:05 AM **STAFF:** Paul / Anna M.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back now in to Shop for Mesh Replacement.
Back now to Escott for Bins

COMMERCIAL HAULER OR LARGE LOADS

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

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: Pushed Garbage on Hill / Packing Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 22/22 **TIME:** 8:05 AM **STAFF:** Burt / CLARENCE BURT 12-4:30

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 194

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tennant

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 24/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Cleaned up garbage at gate. Backed to Escott to pick bins / bins packed Lansdowne.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fullerton	Garbage	4 T/L	Yes

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: Pushed garbage back on site

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL
DAILY INSPECTION FORM

DATE: Jan 25/22 TIME: 8:05 Am STAFF: Paul J / John S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water: Yes / No
Windblown Litter: Yes / No
Leachate Springs: Yes / No
Animals: Yes / No — Cats
Other: Yes / No

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING: TYPE Pre Ordered Plastic + Paper

DATE BINS WERE ORDERED: / /
DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Clear Snow at Waste Site with Backhoe.
Bins Placed.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Garbage Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE Print Staff Name: P. Jeffries

OFFICE USE:
Date Reviewed: Reviewer: File Number:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 27/22 **TIME:** 8:05 am **STAFF:** Paul T / Allan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A 4

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 25/1/22 Plastic + Cardboard

DATES BINS WERE PICKED UP: 27/1/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Plowed Some Snow -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fletcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 118

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Back Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trapkens

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 28/22 **TIME:** 8:00 am **STAFF:** Paul T / Anna M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fast Robie Showed up 11am / Loaded Truck with Wood Chips For Cover 12:30 - 4:00

COMMERCIAL HAULER OR LARGE LOADS

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

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: Plowed Snow / Pushed Garbage / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 29/22 **TIME:** 8:05 am **STAFF:** Paul T / Cameron B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 189

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Garbage Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tassiopo

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 31/22 **TIME:** 8:00 am **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyote
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A-M
Garbage Pails Taken.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Push Garbage Packed Bins - Plowed Snow.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/L	Visual
11:00	Reynolds	Const	1/2 T/L	65.00

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: Pushed Garbage Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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DAILY INSPECTION FORM

DATE: Feb 1/22 **TIME:** 8:05 Am **STAFF:** Paul T / John L

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	/ /	Pre Ordered Plastic
DATES BINS WERE PICKED UP:	/ /	+ Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins With Backhoe

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Pelmatk	Const	1 T/c	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 121

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Pushed Garbage on Main

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE **Print Staff Name:** P. Trotter

OFFICE USE:

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

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DAILY INSPECTION FORM

DATE: Feb 3/22 **TIME:** 805 AM **STAFF:** Paul / Allan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	02/1/22	Plastic - Cardboard
DATES BINS WERE PICKED UP:	02/3/22	+ Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Composite Bins Changed Feb 2/22 / Plowed Snow / Pushed Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fournier	Garbage	4 T/L	

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: _____

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 4/22 **TIME:** 8:00 am **STAFF:** PAUL T / Allan M

DEFICIENCIES OBSERVED: Description / Location

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plowed Snow in Compound with Backhoe

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 63

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE **Print Staff Name:** P Tamblyn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb. 5/22 **TIME:** 8:05 am **STAFF:** Paul T / Christopher B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyotes -
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

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)
11:30	Private	Const.	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 176

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trapanso

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 7/22 **TIME:** 8:00 am **STAFF:** Paul T / Allan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 8:30	Fortener	Cardboard	4 T/L	Visual PU.

TOTAL COUNT OF HOUSEHOLD USERS: 116

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard Back on Hill / Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Taylor

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 8/22 **TIME:** 8:05 AM **STAFF:** Paul T / John S.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / T Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:00 am	Prevente	Const	1/2 T/C	C5.00

TOTAL COUNT OF HOUSEHOLD USERS: 111

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Concrete Pushing Back on Hill

APPLICATION OF DUST 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:** R. Tuttaro

OFFICE USE:

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

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☑ Lansdowne
☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 10/22 **TIME:** 8:05 am **STAFF:** Paul T / Austin M

DEFICIENCIES OBSERVED: Description / Location

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People on A.H.
Garbage left at Gate
Electronics Bin Messed Up

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 2/8/22 Pre Ordered

DATES BINS WERE PICKED UP: 2/10/22 Plastic - Cardboard - Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Compactor Crew Arrived at 11:30 am
Crushed & Covered

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30, 30	Fulcrum	Garbage	4 T/C	
11:00	Private	Const	1/2 T/C	Go
3:00	"	Garbage	1 T/C	Anonymous

TOTAL COUNT OF HOUSEHOLD USERS: 116

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Loaded Wood Chips From 12 - 3pm.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE _____ **Print Staff Name:** P. Tomlinson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 11/22 **TIME:** 805 AM **STAFF:** Paul T / Duane M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins / Pushed Garbage Back up Hill

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 137

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Litter Pick up Around Entrance Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Jackson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 12/22 **TIME:** 8:10 am **STAFF:** Paul T / Rich T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyotes
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H
Garbage at Gate.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 201

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 14/22 **TIME:** 8:15 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in P.H.
Garbage at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backing to Right for
Cleanup

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 - 8:30	Fireman	Garbage	4 T/L	Visual PC

TOTAL COUNT OF HOUSEHOLD USERS: 66

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packing Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 15/22 **TIME:** 8:10 am **STAFF:** PAUL / JOHN C

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Coloured Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:30	Private	Combustible	1 T/L	Anonymous

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: Pushed Back Brush / Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 17/22 **TIME:** 8:10 am **STAFF:** Paul T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / ~~No~~	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

DATE BINS WERE ORDERED: 15/2/22 **TYPE** Plastic + Cardboard

DATES BINS WERE PICKED UP: 17/2/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Composter Bins emptied Feb 16/22

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 / 3:30	Fletcher	Garbage	4 T/L	

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: _____

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 18/22 **TIME:** 8:00 AM **STAFF:** PAUL / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	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 SNOW PLOWING WITH BACK HOE 2 1/2 HOURS / PACKER BINS.

COMMERCIAL HAULER OR LARGE LOADS

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

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:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 19/22 **TIME:** 8:00 AM **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Snow Chunks up / Packed Bins / Pushed Trailer Up Hill. To Slippery

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 120

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** D. Tatikos

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb. 22/22 **TIME:** 8:05 AM **STAFF:** Paul T / Jonas S

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coy
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.
Garbage left at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic & Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe Taken By Roads Dept
Hole Cut on Front Gate.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	2 Jetsen	Garbage	4 T/L	Unack PO

TOTAL COUNT OF HOUSEHOLD USERS: 188

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage Back / Clean up at Exit Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 24/22 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1:30	Private	Clear Bags no Tags

OTHER COMMENTS / OBSERVATIONS - 4:30 Compactor 1pm. / Backhoe to load Truck. 15 loads.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fletcher	Compactor	4 T/c	

TOTAL COUNT OF HOUSEHOLD USERS: 173

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins / Clean up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Jackson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 25/2/22 **TIME:** 8:00 am **STAFF:** PAUL / ALLAN M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 22/2/22 Plastic + Cardboard

DATES BINS WERE PICKED UP: 25/2/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Plowed Snow with Dozer

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 31

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Shovel Snow / Pick up Trash around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 26/22 **TIME:** 8:05 am **STAFF:** Paul T / Cameron B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushing Bins / Pushing Garbage on Hill

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 231

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tuttaro

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Feb 28/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11:30	Private	No Tags

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/L	Yes
1:45	Private	"	1 T/L	Amazing

TOTAL COUNT OF HOUSEHOLD USERS: 97

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bins Packed

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tassemeo

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March/22 **TIME:** 805 am **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pick Ocean Paper

DATES BINS WERE PICKED UP: / / + Plastic.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins / moved Some Wood chips + Leaves / Plowed Snow in Afternoon

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:30	Private	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 94

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Traffano

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 3/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING:

DATE BINS WERE ORDERED: 1/3/22 **TYPE** Plastic / Cardboard / Paper

DATES BINS WERE PICKED UP: 3/3/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plowed Snow with Back Hoe
Moved Some Loads of Cover Material

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 - 1:30	Fleetmaster	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 96

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Up Garbage At Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

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

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Township of Leeds and the Thousand Islands

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 4/22 **TIME:** 8:10 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

People in A. M.
Taking Bottles From Lions Club.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Took Brush Mow To Pump Station 1
Drum Stuck / Moved Some Cover Fill

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 123

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Spread Out Picked Up After Hours

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 5/22 **TIME:** 8:05 Am **STAFF:** Pro-T / Cameron B

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bin's Packed

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 190

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Picker Bag

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tankard

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 7/22 **TIME:** 805 AM **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: Eagle in A H.
Garbage left at gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pickup up Garbage on Cats / Backhoe to Escott to Move Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
730-830	Fletcher	Garbage	4 T/L	Visual PU

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: Pickup in Fixed Bagged Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tackaberry

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 8/22 **TIME:** 8:35 **STAFF:** Paul T / Jim S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyote
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A M
Garbage at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe Taken in for Ram Replacement
Hydraulic hose on Trailer Arm

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
12:50	Private	Cardboard	1 T/L	Anonymous

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: Cardboard Picked up at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: March 10/2022 **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)
8:50 Am	Clint Fletcher	Recycle / Landfill	Truckload	✓
10:30 Am	" "	" / "	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 191

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins and site.

APPLICATION OF DUST 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: Mar 11/22 **TIME:** 8:05 AM **STAFF:** Paul / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
Paper in A.H.
Garbage left at Gate

RECYCLING: **TYPE**
DATE BINS WERE ORDERED: 9/3/22 Plastic + Cardboard
DATES BINS WERE PICKED UP: 11/3/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott to Move Gravel.
Completed in (8:30 AM to 4:30) 15 Loads.
Backhoe Loaded Dump Truck.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:45	Private	Garbage	1 Tk	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 136

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Garbage Pickup up at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tarrant

OFFICE USE:
Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 12/22 **TIME:** 805 AM **STAFF:** Paul T / Clarrance B

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People on A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Plowed Snow with Backhoe.
Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 155

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Terryberry

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 14/22 **TIME:** 810am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
No Trespass Sign Taken off Entrance Gate
Brought To Escott to Pack Bins -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fleetwood	Garbage	1T/C	Visual PU
9:22	Private	Const	1/2 T/C	✓

TOTAL COUNT OF HOUSEHOLD USERS: 96

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed on Hill / Bins Packed Lansdowne

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trappers

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 15/22 **TIME:** 8:05 **STAFF:** Paul / John S

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: TYPE

DATE BINS WERE ORDERED: / / Pre Ordered Paper & Plastic

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Electronics Bin Ordered.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Prunth	Const	1/2 T/L	C5.00

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:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 17/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A-H.
Garbage at Gate

RECYCLING:

TYPE

DATE BINS WERE ORDERED: 15/3/22 Plastic - Cardboard -

DATES BINS WERE PICKED UP: 17/3/22 Paper - Scrap Metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Compactor in Today 10 - 1 pm
8 Loads of Fill (Loaded with Backhoe)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fletcher	Garbage	4 T/L	
10:30	Private	Const	1/2 T/L	$5.00

TOTAL COUNT OF HOUSEHOLD USERS: 151

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Picked up at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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DAILY INSPECTION FORM

DATE: March 2nd **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott to Spread Gravel / Bins Packed and Crusher Pushed on Mill Landfill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:00	Private	Const	1/2 T/L	65.00
11:45	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 142

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Crusher at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 19/22 **TIME:** 8:10 am **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A M
Garbage Left at Gate.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage Back on Hill. (Very Muddy) Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:30	Private	Garbage	1 T/L	Amusing.

TOTAL COUNT OF HOUSEHOLD USERS: 178

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Picked up at Gate.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 21/22 **TIME:** 810 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.H. Stuck behind Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Back hoe to Escott to Pack Bins / Push Cardboard on Mill + Pack Bins Lands

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Cardboard	4T/L	Viewed P.U.

TOTAL COUNT OF HOUSEHOLD USERS: 131

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up Garbage at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trapham

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 22/22 **TIME:** 810 am **STAFF:** Prout

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packer Bins / Pusher Cardboard on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Private	Const	1/2 T/C	65.00
3:40	"	Commercial	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 149

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trumbour

OFFICE USE:

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

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...lands

☐ Lyndhurst
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 25/22 **TIME:** 810 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A M.
Garbage at Gate.

RECYCLING:

DATE BINS WERE ORDERED: 22/3/22 **TYPE** Plastic + Cardboard

DATES BINS WERE PICKED UP: 25/3/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe Down on Perstone (Fixed up)
Garbage Pushed Back on Hill / Bins Packed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9 30	Perma	Const	1/2 T/C	65.00
12 30	"	"	1/2 T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 130

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Garbage Picked up at Gate.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Trapanno

OFFICE USE:

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

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: MAR 20/22 **TIME:** 810 AM **STAFF:** PAUL T / RICK T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS PACKED BINS x 3

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 230

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PUSHED GARBAGE ON HILL x 3

APPLICATION OF DUST 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:** PAUL TAYLOR

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 28/22 **TIME:** 8:00 am **STAFF:** Paul T / Ann M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott
Bins Picked Lansdowne / Garbage Pushed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Furtenke	Garbage	4 T/L	Visual PU
10:00	Private	Const	1/2 T/L	65:00

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: Garbage at Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 29/22 **TIME:** 810 am **STAFF:** Paul T / Jean S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.H.
Garbage at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Placed Bins / Pushed
Garbage on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1030	Private	Const.	1 T/L	130 00
200	"	Garbage	1/2 T/L	1500

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 _____ **Print Staff Name:** P. Tuckwood

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Mar 31/22 **TIME:** 805 am **STAFF:** Paul / Alan M.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A H —
Electronics Bin — Cardboard

RECYCLING: **TYPE**
DATE BINS WERE ORDERED: 29/3/22 Plastic — Paper
DATES BINS WERE PICKED UP: 31/3/22 Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Compactor + Dozer in W.R.O.
Called Roads re Cut Hole on B.H.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830-100	Thousand	Cardboard	4 T/C	
1130	Private	Const	1/2 T/C	C.S.W.

TOTAL COUNT OF HOUSEHOLD USERS: 114

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No
IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No
DETAILS: Compost Bins Changed W.R.O.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)
DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No
DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)
If Yes, complaint file number(s) and topic: _____

SIGNATURE _____ **Print Staff Name:** P. Tuttle

OFFICE USE:
Date Reviewed: _____ **Reviewer:** _____ **File Number:** _____

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 1/22 **TIME:** 810 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bachelor Warning Light on / Going to Shop Monday

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 127

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trotter

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 2/22 **TIME:** 8:10 am **STAFF:** Paul T / Christopher R.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

People in A.H. Took Use To Take Bottles Left at Gate

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Packed Bins - Pushed Garbage on Hill Pressure & Oil Good in Backhoe.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:20	Private	Garbage	1 T/C	Amnesty
12:30	"	Const	1/2 T/M	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 253

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 4/22 **TIME:** 8:10 AM **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.M. – Cardboard & Electronics at Gate.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back Hoe in for Service. 10 AM / Bins Packed / Cardboard Pushed up Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30–8:30	Fletcher	Cardboard	4 T/L	Visual PU
1:45	Private	Const	1 T/L	130.00
2:10	"	"	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 146

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up Along Road / Picked up Cardboard at Gate.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trethewey

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 5/22 **TIME:** 8:00 am **STAFF:** Paul T / Jane S.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.H. Garbage Piles & General Mess at Gates

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic & Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packer Bins – Pushed Brush & Leaves. / E-Waste Bin Delivered.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:25	Private	Garbage	1/2 T/C	Yes

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: Pushed Garbage on Hill

APPLICATION OF DUST 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:** Paul Tompkins

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 7/2022 **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	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

TI Bridge Authority - Truck Load of Wood. 2x65.00 Tags

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:45 AM	Fletcher	½ Recycle / ½ Landfill	Load.	✓
10:30 AM	Fletcher	" " / " "	"	✓
12:30 AM	Fletcher	½ " / " "	pick up truck	✓
2:00 pm	Fletcher	½ " / " "	" " "	✓
3:00 pm	Fletcher	½ " / " "	" " "	✓

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:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 8/22 **TIME:** 8:05 **STAFF:** Paul / Adam M.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 5/4/22 Plastic - Cardboard

DATES BINS WERE PICKED UP: 5/4/22 Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Clean up Stale on Ground
Pack Bins. / Push Garbage on Mtn
Pushed Back Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9 30	Private	Garbage	1 T/L	Amnesty
10 00	"	Garb	1/2 T/L	$5.00
10 20	"	"	1/2 T/L	$5.00
11 00	"	"	1/2 T/L	$5.00

TOTAL COUNT OF HOUSEHOLD USERS: 150

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Bag Here to Escape For Clean up

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE _____ **Print Staff Name:** P. Jackson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 9/22 **TIME:** 8:10 AM **STAFF:** Paul T / Cameron B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.H.
Electronic's left at Gate / Bottles Taken

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Bins - Moved Brush
and Leaves.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 264

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tarrant

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 11/22 **TIME:** 8:05 am **STAFF:** Paul T / Dean M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed / Garbage at Gate Cleaned up

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 & 3:30	Fletcher	Garbage	4 T/L	Viewed PU.
1:00	Private	"	1 T/L	Amnesty
11:45	Private	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 135

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Garbage on hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 12/22 **TIME:** 8:10 am **STAFF:** Paul T / Jamie S

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H

RECYCLING: **TYPE** Pre Ordered Plastic + Paper.

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage on Hill / Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Private	Garbage	12 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 142

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bags not properly Fenced / Filled Pock Missing Called Tim 3:35 pm.

APPLICATION OF DUST 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:** Paul Tackaberry

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 14/22 **TIME:** 8:05 am **STAFF:** Paul / Ann M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 12/4/22 Cardboard - Plastic

DATES BINS WERE PICKED UP: 14/4/22 Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Composte Bins Changed April 13/22
Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:00	Fletcher	Garbage	4 T/L	
9:05	Private	Cons	65.00	1/2 T/L

TOTAL COUNT OF HOUSEHOLD USERS: 187

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Jackson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 16/22 **TIME:** 8:10 am **STAFF:** Paul T / Cameron B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:30	Private	Black Bags No Tags / Garb?

OTHER COMMENTS / OBSERVATIONS Pushers Busy

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 271

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushers Busy Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tomkins

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 19/22 **TIME:** 8:05 Am **STAFF:** Paul / Rick T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins. / Pushed Back Brush & large Pieces

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30 to 9:30	Fletcher	Garbage	4 T/L	Visual PV
9:15	Private	Const	1/2 T/L	OK

TOTAL COUNT OF HOUSEHOLD USERS: 139

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST 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:** R. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 21/22 **TIME:** 8:10 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Dozer in Wed April 20/22
No Fill / Backhoe to Escott for Cleanup.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 - 1:00	Fletcher	Commercial	4 T/L	
12:15	Phillips	Const	1/2 T/L	C5.00

TOTAL COUNT OF HOUSEHOLD USERS: 182

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packing Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 22/22 **TIME:** 8:05 am **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 19/4/22 Cardboard + Plastic

DATES BINS WERE PICKED UP: 22/4/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushing Garbage on Hill / Back Dragging Road

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11 30	Private	Garbage	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 190

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Clean up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE _____ **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 23/22 **TIME:** 8:10 AM **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushing Garbage – Packing Bins.
Noise on Backhoe Blow

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00	Prunty	Garbage	1/2 T/L	65.00
11:30	"	"	1/2 T/L	65.00
12:15	"	"	1/2 T/L	65.00
2:15	"	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 284

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tarbrand

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 25/22 **TIME:** 805 am **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Green Propane Tanks Picked up

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7 30 930	Fletcher	Cardboard	4 T/L	
10 45	Perkins	"	1 T/L	Amnesty
2 30	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 153

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Batteries Camp Battery 888-937-3382

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 26/22 **TIME:** 8:10 am **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic or Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushing Garbage on Hill – Pushed Back Brush + Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1.20	Private	Const	1/2 T/L	C $5.00
3.40	"	"	1/2 T/L	C $5.00

TOTAL COUNT OF HOUSEHOLD USERS: 124

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 28/22 **TIME:** 8:10 am **STAFF:** Paul T / Ann M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 26/4/22 Cardboard - Paper -

DATES BINS WERE PICKED UP: 28/4/22 Plastic - Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins / Pushed Brush + Leaves.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830-1:00	Fletcher	Garbage	4 T/L	
2:00	Private	Const.	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 153

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tompkins

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 29/22 **TIME:** 8:05 am **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A M — Made a Mess of Electronics Bin.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage on Hill / Fast Rain Showers up 12:15 Starting to Move Garbage 12:35 / Dozer 2:30 Packer out of fuel. Mound Repair left around 3pm

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:45	Fletcher	Garbage	1 Trailerload	Amnesty + C5.00
1:25	Prinatta	"	1 TL	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 147

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafton

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: April 30/22 **TIME:** 8:05 AM **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Provided on A.M.

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)
8:40	Private	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 285

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tomlinson

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 2/22 **TIME:** 8:0 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS: Packed Bins - Moved Leaves & Brush - Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4T/L	Usual PU
9:30	Peltier	Const	1/2 T/L	$65.00
12:50	"	"	1/2 T/L	$65.00
2:30	"	"	1/2 T/L	$65.00

TOTAL COUNT OF HOUSEHOLD USERS: 149

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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DAILY INSPECTION

DATE: May 3/22 TIME: 805 AM STAFF: PAUL T / JOHN S.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE: Pre Ordered Plastic
T Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11:15	PRIVATE	DOUBLE AXLE TRAILER CONST. WASTE.
2:15	"	CAN RESIDENT.

OTHER COMMENTS / OBSERVATIONS PACKED BINS / PUSHED BACK LEAVES T BOARD

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:00	PRIVATE	CARDBOARD	1T/C	AMNESTY
4:25	"	CONST.	1/2T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 140

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PUSHED CARDBOARD ON HILL

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE Print Staff Name: P. TRAFFORD

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 5/2022 **TIME:** 8:15 AM **STAFF:** ALLAN McRAE / Rick Taylor

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
9:30 AM	Private	Large construction Load.

OTHER COMMENTS / OBSERVATIONS Fast Eddie in @ 11:00 AM - 4:30 pm 3 guys.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 AM	Clint Fletcher	Recycle / Landfill	Truck Load	✓
10:30 AM	" "	" "	" "	✓
12:00	" "	" "	" "	✓
1:45	" "	" "	" "	✓
1:00	PRIVATE	CANBACK	1 T/L	AMNRST

TOTAL COUNT OF HOUSEHOLD USERS: 191

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 6/22 **TIME:** 8:05 am **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.
Garbage left on Road to Mill

RECYCLING:
DATE BINS WERE ORDERED: / /
DATES BINS WERE PICKED UP: / /
TYPE Plastic Cardboard + Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Were Bins Taken Thursday Crews Manco To Straighten Out

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30	Private	Garbage	1/2 T/L	65.00
12:30	"	"	1 T/L	Amount
1:00	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 168

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Placing Bins / Moved Brush + Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tomlinson

OFFICE USE:
Date Reviewed: **Reviewer:** **File Number:**

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Township of Leeds and the Thousand Islands
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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 7/22 **TIME:** 8:10 am **STAFF:** Paul / Clarence B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
10.40	Private	Load in Mayberry Town.

OTHER COMMENTS / OBSERVATIONS
Pushed Garbage on Hill / Pushed Back Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:45	Private	Compacted	1 T/L	Approx.

TOTAL COUNT OF HOUSEHOLD USERS: 265

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 9/22 **TIME:** 8:05 am **STAFF:** Paul

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pumped in A-H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage Back on Hill / Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:10	Fairmake	Garbage	4 T/L	Vigilance
1:30	Private	"	1 T/L	Amnesty
2:00	"	"	1/2 T/L	C.S.D.

TOTAL COUNT OF HOUSEHOLD USERS: 157

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Back Bushy + Leaves

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tarrant

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 10/22 **TIME:** 8:05 Am **STAFF:** [illegible]

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Coons - Skunk
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
Complaint in AM

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Plastic - Paper

DATES BINS WERE PICKED UP: / / Per Ordered

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back Hoe won't Stay Running / Waiting Bid
Brought Hoe to Repairs

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 20	Private	Const	1/2 T/L	C5.00
10 35	"	Garbage	1 T/L	Amnesty
1 30	"	"	1/2 T/L	C5.00
1 40	"	"	1/2 T/L	C5.00

TOTAL COUNT OF HOUSEHOLD USERS: 165

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: _____

APPLICATION OF DUST 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:** S. Turner

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 12/22 **TIME:** 805 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A-M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 10/5/22 Plastic - Cardboard -

DATES BINS WERE PICKED UP: 12/5/22 Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage Back on Hill
Pushed Brush + Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830-100	Fletcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 162

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No
IF NO: Waste Sent To: About 10 Lanes or File on Garbage

LITTER CONTROL: Yes / No
DETAILS: Compactor + Dozer 11-3 Chief Because Low on Fuel

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tennyson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 13/22 **TIME:** 8:05 AM **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Compost Bin May 11/22

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Park Bins / Moved Brush & Leaves Pushed Compost on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:45	Parwest	Compost	1/2 T/C	65.0%
3:00	"	"	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 172

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tamburro

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 14/22 **TIME:** 8:05 am **STAFF:** Paul T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Cows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushing Garbage on Hill. Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 45	Private	Garbage	1T/L	Amnesty
4 20	"	"	1T/L	"

TOTAL COUNT OF HOUSEHOLD USERS: 295

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tarbard

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 16/22 **TIME:** 8:05 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Coons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H. / in Backhoe Tool Box Looking For / Tools

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11:20	Plunter	Load of Brush From Gananoque
12:45	"	Tires From Howe Island

OTHER COMMENTS / OBSERVATIONS Ponded Bins - Pushed Brush + Loaded / Backhoe To Escott For Cleanup.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 - 8:30	Flatchen	Garbage	4 T/C	Village PU
11:15	Plunter	"	1 T/C	Amherst
3:30	"	"	1 T/C	"

TOTAL COUNT OF HOUSEHOLD USERS: 133

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 17/22 **TIME:** 810 **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic & Paper / Oil Container / Totes Changed.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11 25	Private	Gone Resident

OTHER COMMENTS / OBSERVATIONS Backhoe to Lyndhurst to Pack Bins / Cones for Tire Pickup.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:05	Private	Const.	1/2 T/L	65.00
1 30	"	"	1/2 T/L	65.00
2 20	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 140

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins - Pushed Back Brush.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tremblay

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 19/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.M

RECYCLING:

DATE BINS WERE ORDERED: 17/5/22

DATES BINS WERE PICKED UP: 19/5/22

TYPE Plastic - Paper - Cardboard Scrap

Times Picked up

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Burning in Escott for Fire / Moved Fire in Lansdowne From Pitching

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:10-1:30	Fletcher	Garbage	4 T/L	
3:30	Private	Const	1/2 T/L	(Yes)

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: Brush Pushed Back / Pushed Garbage

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE **Print Staff Name:** P. Tetreault

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 20/22 **TIME:** 8:05 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:30	PRIVATE	NOT FROM TOWNSHIP

OTHER COMMENTS / OBSERVATIONS MOVED FILL FROM DIVERSION TWPS. TRUCKS.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:15T	PRIVATE	CONST.	1/2 T/L	65.00
3:00	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 201

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PUSHED CONTRACT ON HILL / PACKED BINS

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. TARRANT

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 24/22 **TIME:** 8:00 am **STAFF:** Paul / [illegible]

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Coons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
3:30	Pauwa	Com Resident.

OTHER COMMENTS / OBSERVATIONS Packing Bins - Pushing Cardboard Moves Bags

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:30	Pauwa	Cons	1/2 T/L	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 309

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: _____

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 24/22 **TIME:** 8:05 Am **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A-M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered

DATES BINS WERE PICKED UP: / / Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back Hoe to Escott to Pack Bins. - Pushed Garbage

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/L	
9:30	Plumber	"	1/2 T/L	65.00
2:30	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 257

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins - Pushed Brush -

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 26/22 **TIME:** 8:05 Am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 24/5/22 Plastic - Cardboard

DATES BINS WERE PICKED UP: 26/5/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Compactor in Work / Compost Bins Emptied Wed. Pushed Garbage up Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fitz-Gerald	Garbage	4 T/L	
10:30	Prince	"	1 T/L	Amnesty
12:45	"	Const	1/2 T/L	65.00
2:30	"	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 210

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: Pushed Brush + Leaves

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE _____ **Print Staff Name:** P. Trapegso

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 27/22 **TIME:** 8:00 am **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.M.
Garbage left on site.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back now to Escott for Bins
Packed Bins - Moved Brush + Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:20	Private	Const	1/2 T/C	$5.00

TOTAL COUNT OF HOUSEHOLD USERS: 119

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Stafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 28 / 22 **TIME:** 810 am **STAFF:** Paul T / —

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M. Garbage Pails Taken

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Orange Tractor Would Not Start. Moved Garbage with Backhoe.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:00	Private	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 307

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Resident Booster Tractor For Me Around 12:30

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 30/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.H.
Garbage Pails Taken - Electronics Bin
Messed up

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage on Hill
Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
930-930	Fletcher	Garbage	4 T/L	Viewed PO
1145	Private	"	1 T/L	Answering

TOTAL COUNT OF HOUSEHOLD USERS: 163

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bucket to Escott for Clean up.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: May 31/22 **TIME:** 8:05 am **STAFF:** Paul T / Jason S

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pumped out D.H. Electronics Bin - Scrap Bin.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Pushed Brush + Garbage on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1130	Private	Const.	1/2 T/L	65.00
1:05	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 131

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked up Around Paper Bin.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 2/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING:

DATE BINS WERE ORDERED: 31/5/22 **TYPE** Cardboard - Plastic

DATES BINS WERE PICKED UP: 2/6/22 Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Lyndhurst to pack Bins + Push Cardboard

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 - 1:00	Fletcher	Garbage	4 T/L	
11:30	Private	"	1/2 T/L	65.00
1:30	"	"	1/2 T/L	65.00
3:30	"	Const	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 195

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Compactor in June 1/22

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tabbakorn

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 3/22 **TIME:** 8:10 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 31/5/22 Plastic + Paper

DATES BINS WERE PICKED UP: 3/6/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Brush Pushed Back / Bins Packed / Backhoe to Escott to Pack Bins /

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:05	Private	Carpet	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 151

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Plastic Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** Paul Rathbun

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 4/22 **TIME:** 8:05 AM **STAFF:** PAUL T / CLARENCE B

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage on Mill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1215	Private	Const	1/2 T/L	65.00
2:30	"	Garbage	1 T/L	Amvestry
3:50	"	"	1 T/L	"

TOTAL COUNT OF HOUSEHOLD USERS: 301

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bins Picked — Brush + Leaves Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. T. Barrett

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 6/2022 **TIME:** 8:15 **STAFF:** ALLAN McRAE / Rick T.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 183

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / (No)

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 7/2022 **TIME:** 8:15 am **STAFF:** ALLAN McRAE

DEFICIENCIES OBSERVED:

		Description / Location John Stafford
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Cat
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06/~~07~~ 07/2022 metal Bin / Cardboard.

DATES BINS WERE PICKED UP: 06/07/2022 paper bin / Plastic Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Amnesty Tag - Blake ORR / 1025 Eden Grove Rd

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
12.30	Clint Fletcher	Landfill	Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 123

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

IF NO: Waste Sent To: _____

LITTER CONTROL: (Yes) / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June / 2022 **TIME:** 8:15 am **STAFF:** ALLAN M / RICK T.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 06/09/2022 Metal Bin / Cardboard Bin.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:00 Am	Clint Fletcher	Recycle / Landfill	Truck Load	✓
11:00 Am	" "	" "	" "	✓
12:30 Am	" "	" / "	" "	✓
2:15	" "	" "	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 204

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 10/2022 **TIME:** 8:15 am **STAFF:** Allan M. / Rick T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins.
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Bird, Cats, Racoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Blew Hydralic line on Backhoe Stabilizer.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 275

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:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June / 2022 **TIME:** 8:15Am **STAFF:** ALLAN M / Max B.

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Amnesty Tag 2 miller St (Donna Gibson).

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 366

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 13/2022 **TIME:** 8:15am **STAFF:** ALLAN McRAE / Rick T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06/13/2022

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 138

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 14/2022 **TIME:** 8:15 AM **STAFF:** ALLAN M / John S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	around Bins and Roadside
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds, Cats, Raccoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 06/13/2022 metal / Cardboard.

DATES BINS WERE PICKED UP: 06/14/2022 Metal / Cardboard.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 149

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: around Bins / and Roadside.

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

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

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 16 2022 **TIME:** 8.15 Am **STAFF:** Allan M / Rick T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Bird / Cats and Racoon.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 06/16/2022 **TYPE** 1 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: 179

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 17/2022 **TIME:** 8.15 Am **STAFF:** ALLAN M / RICK T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 06/17/2022 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)

TOTAL COUNT OF HOUSEHOLD USERS: 209

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 18/2022 **TIME:** 8:15 am **STAFF:** A L M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins,
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds, and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 34

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

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

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 20/22 **TIME:** 8:00 am **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in D.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backing to Escott to Pack Bins
Pushed Garbage - Brush + Leaves

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-7:30	Fletcher	Garbage	4 T/C	Vicinor Rd
1:06	Prime	"	1 T/C	Amnesty
3:05	"	"	1/2 T/C	Gov. Dr

TOTAL COUNT OF HOUSEHOLD USERS: 177

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tassing

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 21/22 **TIME:** 8:00 am **STAFF:** Prout / Jones

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE
Pre Ordered Plastic
+ Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 137

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed / Bins Packed

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tammen

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 23/22 **TIME:** 8:25 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. H.

RECYCLING:

DATE BINS WERE ORDERED: 21/6/22 **TYPE** Plastic - Paper -

DATES BINS WERE PICKED UP: 23/6/22 Cardboard - Scrap.

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)
8:30-1:00 pm	Fletcher	Garbage	4 T/L	
3:15	Private	"	1 T/L	Amnesty
4:00	"	Cons	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 204

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

IF NO: Waste Sent To: _____

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage / Placed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS: _____

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS: _____

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE _____ **Print Staff Name:** P. Tarrant

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 24/22 **TIME:** 8:05 AM **STAFF:** Paul / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

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	Private	Const	1/2 T/L	65.00
11:00	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 186

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 25/22 **TIME:** 8:00 am **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:00	Private	Garbage	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 266

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

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Garbage Picked / Brush & Leaves Picked

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 27/22 **TIME:** 8:00 am **STAFF:** Paul T / Ann M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats — Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pages in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Placed Bins Lans.
Back Mon to Escott to Place Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/C	
11:50	Private	Const.	1/2 T/C	65.00
1:30	"	"	1/2 T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 183

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: June 28/22 **TIME:** 8:5 am **STAFF:** Paul T / John S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	/ /	Pre Ordered
DATES BINS WERE PICKED UP:	/ /	Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

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

TOTAL COUNT OF HOUSEHOLD USERS: 170

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage or Blown.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tymchuk

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 30/22 **TIME:** 8:00 am **STAFF:** Parent / Aaron M

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Compaction in June 29/22

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 - 1:30	Fortune	Cardboard	4 T/L	
8:30	Brown	Const	1/2 T/L	65.00
1:30	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 271

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 2/22 **TIME:** 8:00 am **STAFF:** Paul T / Charlie B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H. (Electronics Bin)

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Blow o Leaves Pushed Back / Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:30	Private	Const	1/2 T/L	65.00
2:30	"	"	1/2 T/L	65.00
2:45	"	Garbage	1 T/L	Amnesty
3:30	"	Const	1/2 T/L	65.01

TOTAL COUNT OF HOUSEHOLD USERS: 305

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tatterson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 4/22 **TIME:** 8:00 am **STAFF:** Paul / Rick T

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Tires Picked Up / Back hor to Escott

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/C	Village PO
12:00	Prunty	"	1 T/C	Amaryll

TOTAL COUNT OF HOUSEHOLD USERS: 234

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage + Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tarrant

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 5/22 **TIME:** 8:10 am **STAFF:** Pacquet / Jones

DEFICIENCIES OBSERVED:

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

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A-H

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Sorted Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Garbage Pushed Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
130	Prowse	Const	1 TK	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 163

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Jones

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 7/22 **TIME:** 8:05 **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Coyote.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING:

DATE BINS WERE ORDERED: 5/7/22 **TYPE** Plastic + Cardboard

DATES BINS WERE PICKED UP: 7/7/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Back hoe to scoop for bins
Brush & Garbage pushed back here

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fortemer	Garbage	4 T/L	
10:30	Pluath	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 226

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bins Picked up.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 8/22 **TIME:** 8:00 am **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoon in Compost Bins
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M

RECYCLING:

DATE BINS WERE ORDERED: 5/7/22 **TYPE** Scrap Metal / Plastics

DATES BINS WERE PICKED UP: 5/7/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed
Wood Crushers Arriving Today

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:35	Private	Garbage	1/2 T/L	65.02
1:30	"	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 210

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

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage + Blown Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

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

SIGNATURE **Print Staff Name:** P. Tassiopoulos

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 9/22 **TIME:** 8:05 Am **STAFF:** Paul T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats — Racoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pacpum in AM

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Back Brush Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 267

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Pushed Back Can Back

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 11/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alex M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A.H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Wood Chipper Working Backhoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:00-8:30	Fraternes	Garbage	4 T/L	Yes/PU
1:00	Private	"	1/2 T/L	65.00
2:45	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 185

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Bins Packed.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Tomlinson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 12/22 **TIME:** 8:15 am **STAFF:** Paul T / Jamie

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	(Yes) / No	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Crows — Bins
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Paper — Plastics

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Wood Chipper in Packed Bins / Mower in Tire Entrance & Exit

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1050	Pruitta	Garbage	2 T/C	65.00
1?0	"	Const.	1 T/C	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 188

AREA OF WASTE DISPOSAL: All waste sent to active face: (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Pushing Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jul 14/22 **TIME:** 805 **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pumped in A.M.

RECYCLING:

DATE BINS WERE ORDERED: 12/7/22 **TYPE** Plastic, Paper - Cardboard

DATES BINS WERE PICKED UP: 14/7/22 Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1010	Private	Garbage From Can.

OTHER COMMENTS / OBSERVATIONS Cleaned up Around Bins. Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830-130	Fletcher	Garbage	4 T/L	
900	Private	Const	1/2 T/L	G5.00
905	"	"	1/2 T/L	G5.00
1015	"	"	1/2 T/L	G5.00

TOTAL COUNT OF HOUSEHOLD USERS: 217

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 15/22 **TIME:** 8:05 **STAFF:** Paul T / Alan M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats — Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:00	Private	Garbage from Party

OTHER COMMENTS / OBSERVATIONS Blue Packs / Pushed Garbage on Mill
Cleaned up Garbage at Gate

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Private	Const	1/2 T/C	65.00
4:00	"	"	1/2 T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 206

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE P. Trafford **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 16/22 **TIME:** 8:05 am **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Garbage Pushed / Bins Packed.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:00	Private	Garbage	1 T/L	Anonymity
1:30	"	Const	1/2 T/L	65.00
2:30	"	Garbage	1 T/L	Anonymity

TOTAL COUNT OF HOUSEHOLD USERS: 235

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Brush & Leaves Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 18/22 **TIME:** 8:05 AM **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fire Burns in with Garbage
Sunday / Garbage Pushed Back on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/C	Village Rd

TOTAL COUNT OF HOUSEHOLD USERS: 126

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Back up To Escott to Pick Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 19/22 **TIME:** 8:05 am **STAFF:** Paul T / Rick T

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: People on A.H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Overall Bins

Thursday - Cardboard - Plastic - Scrap

COMMERCIAL HAULER OR LARGE LOADS Friday - Paper - Plastics

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 193

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Posted Garbage on Hill Bins Packed

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / (No)

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trotters

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 21/22 **TIME:** 805 AM **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A pit

RECYCLING:

DATE BINS WERE ORDERED: 19/7/22

DATES BINS WERE PICKED UP: 21/7/22

TYPE Plastic - Cardboard - Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1 30	Private	Brush + Wood From Gar.

OTHER COMMENTS / OBSERVATIONS Compactor in Wrd. / Compactor Empty Wrd.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830 130	Fletcher	Garbage	4 T/L	
12 30	Private	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 197

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked up Around Bins / Bins Packed

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tymoko

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 22/22 **TIME:** 8:5 Am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING:

DATE BINS WERE ORDERED: 19/7/22 **TYPE** Plastic - Paper

DATES BINS WERE PICKED UP: 22/7/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Place Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:30	Private	Comp	1/2 T/C	Yes
2:45	"	"	1/2 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 214

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Picked up

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tatchers

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 23/23 **TIME:** 8:05 AM **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
1230	Private	Cans Resident

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1:00	Private	Garbage	½ T/C	65.00
1:30	"	"	1 T/C	Amount

TOTAL COUNT OF HOUSEHOLD USERS: 285

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 25/22 **TIME:** 8:00 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A-H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins - Back Hoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fortemer	Garbage	4 T/L	Village PC

TOTAL COUNT OF HOUSEHOLD USERS: 179

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tompkins

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 20/22 **TIME:** 8:05 AM **STAFF:** Paul T / Rick T.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A.M.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11:15	Prucott	Const. Pouring After Trailer
		Black Bags No Tags

OTHER COMMENTS / OBSERVATIONS
E-Waste Bin Asked For.
Cards For Cardboard - Plastic + Scrap Plastic

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:30	Prucott	Compacted	1T/L	Amazing

TOTAL COUNT OF HOUSEHOLD USERS: 152

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Compacted on Mill

APPLICATION OF DUST 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:** R. Tamblyn

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 28/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A.H.

RECYCLING:

DATE BINS WERE ORDERED: 26/7/22 **TYPE** Cardboard + Plastics

DATES BINS WERE PICKED UP: 28/7/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Clean up Garbage at Cath / Pounds Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-13:30	Fortemen	Garbage	4 T/C	

TOTAL COUNT OF HOUSEHOLD USERS: 211

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Garbage on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 29/22 **TIME:** 8:05 am **STAFF:** Paul J / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A-M.

RECYCLING:

DATE BINS WERE ORDERED: 26/7/22 **TYPE** Plastic + Scrap

DATES BINS WERE PICKED UP: 29/7/22 Metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins / Posted Bensy Back up to Escort to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Plunder	Cardboard	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 212

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picking Cardboard on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tomkins

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: July 30 / 2022 **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, Cats and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Reunter	Cardboard	1/2 TL	C5.00
	"	"	1 TL	Anthony
	"	"	1 TL	"

TOTAL COUNT OF HOUSEHOLD USERS: 236

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins / 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: Aug 2/22 **TIME:** 800 am **STAFF:** Paul / Jonas

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic + Paper

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS THURS. Cardboard + Paper / Fri. Plastic + Scrap Metal

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Furness	Cardboard	4 T/L	Viewed
1005	Private	"	1 T/L	Amnesty
1055	"	"	1 T/L	"
105	"	"	1 T/L	"
2 20	"	Cont	1/2 T/L	65 20
345	"	Cardboard	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 269

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Cardboard Pushed on Hill / Bins Packed

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jonas

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 4/22 **TIME:** 8:00 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 2/8/22 Cardboard + Paper

DATES BINS WERE PICKED UP: 4/8/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Compostn Bins Emptied Wed. Compactor Passes on Mon.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fullerton	Compactor	4T/L	
9:30	Prinath	Const	1/2 T/L	C.S.O.
1:00	"	Compactor	1T/L	Amursky
3:30	"	Const	1/2 T/L	C.S.O.

TOTAL COUNT OF HOUSEHOLD USERS: 222

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Loaned Truck For Compactor.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tomlinson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 5/8/22 **TIME:** 8:00 am **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Raccoons – Cats.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 2/8/22 Plastic – Scrap

DATES BINS WERE PICKED UP: 5/8/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Brought to Escott to Park Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:15	Private	Garbage	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 215

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bins Packed – Garbage Pushed Back

APPLICATION OF DUST 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:** Paul Tappenden

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 6/22 **TIME:** 8:05 am **STAFF:** Paul T / Christopher B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Raccoons + Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
910	Private	Cardboard	1 T/L	Acceptable
930	"	Const	1/2 T/L	$5.00
2 30	"	Cardboard	1 T/L	Acceptable

TOTAL COUNT OF HOUSEHOLD USERS: 292

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Burning Cardboard on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Tatrono

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 8/22 **TIME:** 8:05 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Back hoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Cardback	4 TL	Viewer Pd.
4:05	Pelham	"	1 TL	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 176

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bins Packed / Cardback Pushed on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. J. Rappard

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WAS.

DAILY INSPECTION FORM

DATE: Aug 9/22 **TIME:** 8:00 am **STAFF:** PAUL T / JOHN S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	RACCOONS + CATS
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

THURS CARDBOARD + PLASTIC
FRI PAPER - PLASTIC - SCRAP.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 185

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: CARDBOARD PUSHED ON HILL / BINS PACKED

APPLICATION OF DUST 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:** PAUL TOMPKINS

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 11/22 **TIME:** 8:00 am **STAFF:** Paul / Ann M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING:

DATE BINS WERE ORDERED: 9/8/22 **TYPE** Plastic + Cardboard

DATES BINS WERE PICKED UP: 11/8/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Batteries Picked up. Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fortune	Garbage	4 T/V	
9:15	Private	Const	1 T/V	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 205

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 12/22 **TIME:** 805 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE** Plastic + Paper

DATE BINS WERE ORDERED: 9/15/22

DATES BINS WERE PICKED UP: 12/8/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed + Brush Pushed Back / Backhoe To Escott To Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
145	Private	Garbage	1/2 T/L	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 196

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed Back on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 13/22 **TIME:** 8:00 am **STAFF:** Paul T / Chandler B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People on A-H.

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)
12 30	Paulson	Garbage	1/2 T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 264

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Garbage Pushed on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 15/22 **TIME:** 8:00 AM **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H. Stealing Fuel From Machinery.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Picked up Around Bins Backhoe to Resort to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7-8:30	Fortemax	Garbage	4 T/L	Yes
8:45	Peluette	Const.	1 T/L	130.00

TOTAL COUNT OF HOUSEHOLD USERS: 185

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapp

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 16/22 **TIME:** 800 am **STAFF:** Paul T / John S

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Pre Ordered Plastic

DATES BINS WERE PICKED UP: / / + Paper

REJECTED LOADS: Three Cars – Plastic – Scrap Fri Paper + Plastic

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Placed Bins on Pushers

Back Blown

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:10	Private	Garbage	1 T/L	Amnesty
12:15	"	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 173

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 18/22 **TIME:** 8:00 am **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Crows + Racoons
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING:

DATE BINS WERE ORDERED: 16/8/22 **TYPE** Plastic - Card Board

DATES BINS WERE PICKED UP: 18/8/22 Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fast Robin Arrived 9:30 am Workers on Compactor Tire / Starting Compacting 10:15 - 12:15

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30	Fletcher	Garbage	4 T/C	
10:45	Private	"	1/2 T/C	G.S. 00

TOTAL COUNT OF HOUSEHOLD USERS: 223.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Back Hoe Broken Operator Arrived About 9:30 am).

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tuppers

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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☐ Lyndhurst
☐ Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 19/22 **TIME:** 8:00 am **STAFF:** Paul T / Rick T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.
Garbage Pails Taken

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 16/8/22 Plastic or Paper

DATES BINS WERE PICKED UP: 19/8/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30	Private	Garbage	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 195

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage Back / Bins Packed

APPLICATION OF DUST 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:** R. Tatham

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 30/22 **TIME:** 8 am **STAFF:** PAUL T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11 30	Private	Non Resident

OTHER COMMENTS / OBSERVATIONS Pushed Cardboard + Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 286

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Bins -

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tamano

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 22/2022 **TIME:** 8:15 Am **STAFF:** ALAN McRae / RICK TAYLOR

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Racoons and Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
EXTEND a hose leaked out over weekend.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7.45 Am	Fletcher	Garbage	Truck Load	✓
10.00 Am	" "	Garbage	Partial	✓

TOTAL COUNT OF HOUSEHOLD USERS: 169

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 Alan McRae **Print Staff Name:** ALAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 23/2022 **TIME:** 8:15 AM **STAFF:** Allan McRae / John Stafford

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats, and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE** Mixed Bins / Scrap Metal / Cardboard / Plastics

DATE BINS WERE ORDERED: 08/23/2022 / " / "

DATES BINS WERE PICKED UP: 08/24/2022 Covered paper / " / "

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
extenahoe leaked down.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 142.

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins.

APPLICATION OF DUST 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: 08/25/2022 **TIME:** 8:15 Am **STAFF:** Allan McRae / Rick Taylor

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around bins / along Entrance Ways
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
2 men - Fast Eddie compact Landfill
11:00Am - 230pm - Load Truck

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:15am	Clint Fletcher	Recycle	Load	✓
11:30am	" "	½ " / ½	"	✓
12:30pm	" "		Load	✓
1:30pm	" "		"	✓

TOTAL COUNT OF HOUSEHOLD USERS: 213

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August / 2022 **TIME:** 8:15 Am **STAFF:** ALLAN McRAE / Rick TAYLOR

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 197

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Site.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 27/2022 **TIME:** 8:15AM **STAFF:** ALLAN McRAE / MAX Burt.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds, and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 224

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 29/2022 **TIME:** 8:15 AM **STAFF:** Allan McRae / Rick

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats, and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
	Clint Fletcher	Landfill.	Load	
	Clint Fletcher	Recycle.	Load	

TOTAL COUNT OF HOUSEHOLD USERS: 218

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: August 30/2022 **TIME:** 8:15 AM **STAFF:** AL McRAE / John Stafford

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds, and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 08/30/2022 Plastic Bin / Cardboard Bin.

DATES BINS WERE PICKED UP: / /.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
- Rick Greased Backhoe Tuesday 29 -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 153

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 1 / 2022 **TIME:** 8:15 Am **STAFF:** Allan McRae

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	cats, Birds and Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Fast EDDIE into compact Landfill.
Locked Key in Backhoe / organics picked up Wednesday

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 214.

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 2/2022 **TIME:** 8:15 am **STAFF:** Allan McRae / Max Burt

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds / and Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Rob Nash in with Backfill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30 AM	Clint Sletcha	½ waste / ½ Recycle	Load	

TOTAL COUNT OF HOUSEHOLD USERS: 338

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 3 2022 **TIME:** 8:15 am **STAFF:** Allan McRae / Max Birt

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds and Raccons
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
a Busy day for Brush.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 388

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 6/22 **TIME:** 8:05 am **STAFF:** PAUL / RICK

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H

RECYCLING:

TYPE

DATE BINS WERE ORDERED: / / Plastic + Paper

DATES BINS WERE PICKED UP: / / Pick Ordered.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe Radios

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7-830	Furtenay	Construction	4T/L	Volumes
4:15	Prowse	Construction	1/2T/L	65.0.

TOTAL COUNT OF HOUSEHOLD USERS: 235

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trottier

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 8/22 **TIME:** 8:05 am **STAFF:** Paul T / Adam M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propa in A.M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Called For Tires

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:15 / 30	Furrence	Cardboard	4 T/L	
2:00	Private	Const	1/2 T/L	65.00
3:30	"	Cardboard	1 T/L	Amazing

TOTAL COUNT OF HOUSEHOLD USERS: 197

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trozzolo

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 9/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 6/9/22 **TYPE** Plastic - Cardboard -

DATES BINS WERE PICKED UP: 9/9/22 Paper - Scrap Metal

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Cleanup Around Bins Below Wall
Electronics Picked Up

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
240	Private	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 192

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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Township of Leeds and the Thousand Islands
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 10/22 **TIME:** 8:05 am **STAFF:** Paul

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons + Skunks
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
9 50	Private	Gan Resident

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 00	Private	Garbage	1 T/L	Anonymous
10 50	"	"	1 T/L	"
12 15	"	"	1 T/L	"
2 00	"	"	1 T/L	"
3 20	"	"	1 T/L	"

TOTAL COUNT OF HOUSEHOLD USERS: 330

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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DAILY INSPECTION

DATE: Sept 12/22 **TIME:** 8:05 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Clean up around Bins – / Packed Bins
Pushed Brush / Backhoe to Rescue

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30–8:30	Fletcher	Garbage	4 T/L	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 212

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Dozer in to Push Garbage (Trackabbed)

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 13/22 **TIME:** 8:05 AM **STAFF:** Paul

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows + Ravens
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / / **TYPE** Pick Ordered Plastic + Paper
Thurs (Cardboard - Plastic - Scrap)
Fri (Plastic + Paper)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Bins / Pushed Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30	Private	Const.	1 Ton	65.00
9:30	"	"	1/2 T	65.00
11:15	"	Garbage	1 T	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 126

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Cleaned up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Paul Rathwell

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 15/22 **TIME:** 8:05 am **STAFF:** Pierre

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats — Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 13/9/22 **TYPE** Cardboard Plastic — Scrap

DATES BINS WERE PICKED UP: 15/9/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Compostor Bins Changed Sept 14/22
Tire Pick up

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:20 1:30	Fullerton	Garbage	4 T/L	
9:00	Private	"	1 T/L	Amnesty
11:30	"	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 166

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Fast Bobie in 9 — 12:30

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 16/22 **TIME:** 8:05 am **STAFF:** [illegible]

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 13/9/22 Plastic + Paper

DATES BINS WERE PICKED UP: 16/9/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11:00	Private	Com Resident.

OTHER COMMENTS / OBSERVATIONS Packed Bins - Pushed Brush & Leaf Piles.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30	Fletcher	Garbage	3 Bags	Fireman
2:30	Private	"	1/2 T/L	GS_
2:45	"	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 188

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE [signature] **Print Staff Name:** P. J. Lapprand

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 12/22 **TIME:** 8:05 am **STAFF:** PAUL T / CHARLIE M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
11:30	Private	Cardboard	1 T/C	Amnesty
1:00	"	"	1 T/C	"
2:00	"	"	1 T/C	"
2:45	"	"	1 T/C	"

TOTAL COUNT OF HOUSEHOLD USERS: 284

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tappenden

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 19/22 **TIME:** 800 AM **STAFF:** PAUL T / ADAM M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

BACK HOE TO ESCORT TO PACK BINS
PACKED BINS LAST - PUSHED BRUSH + LEAVES.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	FLETCHER	GARBAGE	HTC	VINNER

TOTAL COUNT OF HOUSEHOLD USERS: 114

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: PUSH GARBAGE ON HILL

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Tessier

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sep 20/22 **TIME:** 8:05 am **STAFF:** Paul T / Jonas

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Proper in A.M. Crematorium's Bin

RECYCLING: **TYPE** Delivered Pre Ordered Plastic + Paper

DATE BINS WERE ORDERED: 20/9/22

DATES BINS WERE PICKED UP: / / Order Plastic - Pay Cardboard (Pick Pk.)

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Back Brush + Leaves. Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
410	Private	Garbage	1 Tr	Anyesty.

TOTAL COUNT OF HOUSEHOLD USERS: 189

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trottard

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 22/22 **TIME:** 8:05 Am **STAFF:** Paul / Aaron M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

(Bulldozer at Cont.) Rodik Arrived 9:30 AM 2 Packer Bins. Guys only Run Compactor only Compacted About 1/2 Hour. Too Muddy.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fletcher	Compactor	4T/L	Contractor

TOTAL COUNT OF HOUSEHOLD USERS: 208

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Compactor + Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jennings

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 23/22 **TIME:** 8:05 Am **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-H

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 20/9/22 CARDBOARD + PLASTIC

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packer Bins / Backdragger Road / Pushed Garbage on Hill.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1250	Prism	Garbage	1 T/L	Amnesty
130	"	Const.	1/2 T/L	65-00

TOTAL COUNT OF HOUSEHOLD USERS: 202

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Backhoe to Bscoff to Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafagno

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 24/22 **TIME:** 8:05 am **STAFF:** PAUL T

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
1 15	Pelmatte	Construction	1/2 T/L	C.5.00
3 10	"	"	1 T/L	Asbestos

TOTAL COUNT OF HOUSEHOLD USERS: 338

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked 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:** Paul Tomaro

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 26/22 **TIME:** 8:05 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Backhoe to Escott / Garbage Pushed on Hill / Bins Racked

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Garbage	4 T/L	Village
9:30	Private	Cont	1/2 T/L	65.00
11:30	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 143

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Brush & Leaves Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapp

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 27/22 **TIME:** 8:00 am **STAFF:** Paul T / John

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / / Order - Cardboard - Plastic - Scrap Paper for Thurs.

TYPE Pre Ordered Plastic & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushed Brush & Leaves. - Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 180

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard on Hill

APPLICATION OF DUST 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:** R. Tappers

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Sept 29/22 **TIME:** 805 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	20/9/22	Plastic – Paper – Cardboard
DATES BINS WERE PICKED UP:	29/9/22	Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Surveyor In – Brockton To Biscott (Lake Blue)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30 – 1:30	Fletcher	Garbage	4 T/C	
11:30	Private	"	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 161

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage on Hill / Placed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tamblyn

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 05/1/22 **TIME:** 805 AM **STAFF:** PAUL / CLARENCE R.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS + RACOONS.
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
(BACKHOE NOT AVAILABLE) TILL 11 AM
GARBAGE PUSHED ON HILL

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
920	PRIVATE	CONST	1 T/L	130-00
1 30	"	GARBAGE	1 T/L	AMPLY
3 30	"	"	1 T/L	"

TOTAL COUNT OF HOUSEHOLD USERS: 368

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: BINS PACKED

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. THORTON

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 3/2022 **TIME:** 8:15 **STAFF:** ALLAN McRae / RICK TAYLOR

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds, Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:00Am	FLEtcher	Recycle	Load	✓
8:30Am	" "	" "	Load	✓

TOTAL COUNT OF HOUSEHOLD USERS: 192

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRAE

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 4/2022 **TIME:** 8.15 am **STAFF:** Allan McRae / John Stafford

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats & Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: Oct 4/22 paper / steel / mixed / occ

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: 154

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST 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 6/2022 **TIME:** 8:15 am **STAFF:** ALLAN McRAE / Rick TAYLOR

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7.30 am	Clint Fletcher	Load	1/2 / 1/2	✓
9:30 am	" "	"	Recycle / Landfill	✓
11:30 am	" "	"	" "	✓
1:30 pm	" "	"	" "	✓

TOTAL COUNT OF HOUSEHOLD USERS: 234

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** Allan McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 7/2022 **TIME:** 8.15 Am **STAFF:** Allan McRae / Rick Taylor

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	Around Bins
Leachate Springs:	Yes / No	
Animals:	Yes / No	Birds & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / / metal, Plastic, Cover Paper, Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 204

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 8 / 2022 **TIME:** 8:15 am **STAFF:** ALLAN McRAE / MAX Burt.

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins.
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats, Birds
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS H.A. Day (4)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 326

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:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 07/11/22 **TIME:** 8:05 Am **STAFF:** Paul / Jonny

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Racoons + Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Ordered Cardboard - Plastic + Paper Pick Friday / To Rescott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fleetwood	Cardboard	4 T/L	Yes
11:45	Private	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 211

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Cardboard on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Farrell

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 13/22 **TIME:** 8:05 AM **STAFF:** Paul J / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Found Cats Cage Box #60
Moved Five Beaver in From Dumping

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30/30	Fletcher	Garbage	4 T/C	
8:30	Private	"	1/2 T/C	65.00
4:00	"	"	1 T/C	Anarchy

TOTAL COUNT OF HOUSEHOLD USERS: 112

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No
IF NO: Waste Sent To: Composte Bins Emptied Used Out 12/

LITTER CONTROL: Yes / No
DETAILS: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jappers

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 02/14/22 **TIME:** 8:05 AM **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 11/10/22 **TYPE** Plastic - Paper - Cardboard

DATES BINS WERE PICKED UP: 14/10/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Clean up around Bins on Ground.
Backhoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:30	Prawn	Cardboard	1 T/L	130.00
3:20	"	"	1 T/L	Amount

TOTAL COUNT OF HOUSEHOLD USERS: 206

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 15/22 **TIME:** 800 am **STAFF:** Paul T / Clarence B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Racoons + Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 274

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 07/17/22 **TIME:** 8:10 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Flat Tire on Dump Truck

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fletcher	Cardboard	4 T/L	Yes

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: Pushed Cardboard on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 02/18/22 **TIME:** 8:05 am **STAFF:** Paul T / Jamie

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Paper + Plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Bins Ordered For Friday – Cardboard – Plastic – Scrap. / Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
12:30	Prescott	Garbage	1T/C	240.00

TOTAL COUNT OF HOUSEHOLD USERS: 146

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Bags + Lawns Pushed Back

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 20/22 **TIME:** 8:00 AM **STAFF:** PAUL T / ALAN M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Very Muddy on Top / Pushed Mud & Garbage / Backhoe To Escott To Move Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fulcher	Garbage	4 T/L	

TOTAL COUNT OF HOUSEHOLD USERS: 109

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 21/22 **TIME:** 8:00 am **STAFF:** Paul T / Aaron M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M

RECYCLING:

DATE BINS WERE ORDERED: 18/10/22 **TYPE** Cardboard - Plastic -

DATES BINS WERE PICKED UP: 21/10/22 Scrap -

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Bins Packed

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:30	Private	Cardboard	1 T/C	Amnesty
12:40	"	"	1 T/C	"

TOTAL COUNT OF HOUSEHOLD USERS: 179

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Mow

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapasso

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 22/22 **TIME:** 8:00 am **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Bins / Pushed Garbage on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:00	Reuter	Garb	1 T/L	130.00
10:45	"	"	1/2 T/L	65.00
11:15	"	"	1/2 T/L	120.00
1:00	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 314

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 02/24/22 **TIME:** 800 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + 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 Pushed Garbage - Bensh + Leaves. - Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
730-830	Fletcher	Garbage	4 TL	Village.
230	Prillman	"	1 TL	Amherst

TOTAL COUNT OF HOUSEHOLD USERS: 175

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up Around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 07/25/22 **TIME:** 8:10 am **STAFF:** Paul T / Johns / Al. B.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Racoons + Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Paper + Plastic

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Bins Ordered For Fairly Plastic Cardboard - Paper - Scrap. / Cleared Pitching

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

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: Pushing Garbage over Hill / Packed Bags

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 02/27/22 **TIME:** 8:10 am **STAFF:** PAUL T / AL M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	CATS + RACCOONS
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Propane in A.H. Electronics + Batteries

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
9 45	PRIVATE	QUEEN ST CAN
11 30	"	CHURCH ST CAN
1 20	"	GARDEN ST CAN

OTHER COMMENTS / OBSERVATIONS Compost Bins Down W&D. / Compactor + Dozer in W&D. / Backhoe in For Repairs

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	FURTHER	GARBAGE	4 T/C	
3 45	PRIVATE	"	1/2 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 171

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapp

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: 07 28/22 **TIME:** 8:10 am **STAFF:** PAUL T / AL M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.H.
Electronics + Door Pushed in on Office Door

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: 28/10/22

TYPE
Plastic Paper Scrap
Cardboard

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Pushed Garbage on Hill
Asked For A Waste Bin.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Private	Const.	1/2 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 165

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 29/22 **TIME:** 800 am **STAFF:** Paul T / Clarence B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats - Raccoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
240	Private	Georgian St Garb.

OTHER COMMENTS / OBSERVATIONS Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 00	Private	Garbage	1/2 T/L	65.00
145	"	"	1 T/L	Amnesty
315	"	Const	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 289

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Leaves + Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Oct 31/22 **TIME:** 805 Am **STAFF:** Paul / Al M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats – Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A M. Electronics

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Garbage Picked up at Entrance Gate
Clean up around Bins – Electronics Cleaned up

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
730-830	Entrance	Garbage	4 T/L	Visual
11 15	Private	"	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 175

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** B. Tennant

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 1/22 **TIME:** 8:05 AM **STAFF:** Paul / Jonas

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats + Racoons
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /
DATES BINS WERE PICKED UP: / /

TYPE
Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Placed Bins.
Ordered Cardboard + Plastic for Friday

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

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: Pushing Garbage on Hill / Leaves + Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tafferty

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 3/22 **TIME:** 8:00 Am **STAFF:** Paul T / Al M.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	RACCOONS + CATS
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30-1:30	Fletcher	Garbage	4 T/C	
2:50	Private	"	1/2 T/C	6:00

TOTAL COUNT OF HOUSEHOLD USERS: 158

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packing Bins - Heavy

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 4/22 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 1/11/22 Plastic + Card Board

DATES BINS WERE PICKED UP: 4/11/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Garbage Pushed Back on Hill / Leaves Back Not to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:50	Private	Const.	½ T/L	65.00
3:05	"	Garbage	1 T/L	Annesty

TOTAL COUNT OF HOUSEHOLD USERS: 198

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up Around Bins / Berm

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tackaberry

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 5/22 **TIME:** 8:00 AM **STAFF:** Paul T / A B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins – Pushed Leaves + Brush

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:45	Private	Const.	1/2 T/C	65.00
11:30	"	"	1/2 T/C	65.00
2:00	"	"	1/2 T/C	65.00
3:15	Leslie Williams	House Hold	1/2 T/C	AMNESTY CARD

TOTAL COUNT OF HOUSEHOLD USERS: 296

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 7/22 **TIME:** 8:00 am **STAFF:** Pacott / A M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Backhoe to Escott to Pack Bins
Nash in with Dozer

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-9:00	Fortune	Garbage	4 T/L	Viewed
4:00	Private	"	1 T/L	Amnesty

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: Pushed Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 8/22 **TIME:** 8:00 am **STAFF:** Paul T / Jonas

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Per Ordered Plastic

DATES BINS WERE PICKED UP: / / & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Nash in Wing Dozer
Ordered Cardboard - Plastic - Scrap.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:00	Private	Garbage	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 112

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packing Bins - Pushed Garbage on Hill

APPLICATION OF DUST 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:** B. Terryberry

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 10/22 **TIME:** 8:00 am **STAFF:** Paul T / A M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. H.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 9/11/22 Plastic - Cardboard

DATES BINS WERE PICKED UP: 10/11/22 Scrap

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
11 55	Private	Const Waste From Brockville
3 25	"	Garb Residents

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10 20	Private	Const.	1/2 T/C	C5-00
11 30	"	"	1/2 T/C	C5-00

TOTAL COUNT OF HOUSEHOLD USERS: 176

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Leaves

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 12/22 **TIME:** 8:00 am **STAFF:** Paul T / Cameron B / AL B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30	Prud'er	Garbage	1 T/L	Amnesty
1:30	"	"	1/2 T/L	65.00
2:10	"	"	1/2 T/L	65.00
2:30	"	"	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 323

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill – Brush + Leaves

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 14/2022 **TIME:** 8.15 AM **STAFF:** ALLAN McRAE / AL Blunt.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	along Roadway & 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)
	Private	outdoor Yard	Truck	✓
	Andy Cross	AMNESTY TAG	Trailer	✓

TOTAL COUNT OF HOUSEHOLD USERS: 164

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Around Bins & 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: Nov 15 / 2022 **TIME:** 8.15 Am **STAFF:** ALLAN McRae / John Staffen

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	around Bins & Roadway
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	Nov 15/2022	Plastic, Cardboard, Paper Bins
DATES BINS WERE PICKED UP:	Nov/16/202	Plastic, Cardboard, Paper 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)

TOTAL COUNT OF HOUSEHOLD USERS: 117

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:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov/17/2022 **TIME:** 7:56 **STAFF:** Clarence / Al

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)
8:00	Flecther	Waste	Full	yes
12:24	Flecthers	waste	Full	yes
2:00	" "	waste	1/2	yes

TOTAL COUNT OF HOUSEHOLD USERS: 129

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / (No)

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** Clarence Birt

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 18/2022 **TIME:** 8.15 am **STAFF:** Allan McRae / AL Brunt

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / (No)	
Windblown Litter:	Yes / (No)	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Birds & Cats
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
12:00	Private	House Hold Amenity Tay	Trailer	✓

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:

APPLICATION OF DUST SUPPRESSANT: (Yes) / No

DETAILS: Salt along Walkway,

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE Allan McRae **Print Staff Name:** ALLAN McRae

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov / 2022 **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 & Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 253

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 on Walkway

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:**

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 21/22 **TIME:** 8:00 AM **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Back hoe to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Flatman	Garbage	4 T/C	Village

TOTAL COUNT OF HOUSEHOLD USERS: 101

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up on Hill / Process Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 22/22 **TIME:** 8:05 AM **STAFF:** Paul / Jenny

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE
Pre Ordered Plastic
+ Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Calling Cardboard - Plastic - Scrap
Pick Friday

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Garbage on Hwy / Picked 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:** [illegible]

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 24/22 **TIME:** 8:00 Am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / (No)	
Windblown Litter:	(Yes) / No	
Leachate Springs:	Yes / (No)	
Animals:	(Yes) / No	Cats
Other:	Yes / (No)	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in D.H.
Scrap Bin - Electronics

RECYCLING:

DATE BINS WERE ORDERED: / / **TYPE** Compostr Bins

DATES BINS WERE PICKED UP: / / Emptied Nov 23/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Clean up around Bins -

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8-1:30	Fleetcare	Cardboard	4 T/C	
1:00	Parson	"	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 157

AREA OF WASTE DISPOSAL: **All waste sent to active face:** (Yes) / No

IF NO: Waste Sent To:

LITTER CONTROL: (Yes) / No

DETAILS: Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / (No)

DETAILS:

DAILY INSPECTION FORM COMPLETED: (Yes) / No

DETAILS:

COMPLAINTS RECEIVED: Yes / (No)

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Tarbard

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 25/22 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M. (Electronics Bin)

RECYCLING:

DATE BINS WERE ORDERED: 22/11/22 **TYPE** Plastic - Cardboard

DATES BINS WERE PICKED UP: 25/11/22 Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Called for Tire P.U. (Dec 5/22). Backhoe to Escott for Cleanup

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
9:30	Private	Const	1 T/L	130.00
11:00	"	Garbage	1 T/L	Amnesty

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: Pick up around Bins / Pack Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 26/22 **TIME:** 8:00 am **STAFF:** Paul T / A.B.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A.M. Garbage Pail
Taken

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Back Brush & Leaves
Packed Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
10:20	Private	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 268

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 28/22 **TIME:** 800 am **STAFF:** Paul J / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:
People in A-H.
Garbage Pails Taken.

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Brought to Escott to Place Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
730-830	Fletcher	Garbage	4 T/C	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 137

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Garbage Posted on Hill / Bins Packed.

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** D. Tomlinson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 29/22 **TIME:** 8:45 AM **STAFF:** Paul T / Jonas S.

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Pre Ordered Plastic + Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Bins for Empty Cardboard - Plastic Paper

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 124

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage over Hill / Brush + Leaves

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trappers

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 1/22 **TIME:** 805 AM **STAFF:** Brent / Aaron M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	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 Backhoe to Escott for Bins - Pushed Cardboard on Hill in Lansdowne

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
830-130	Fullmer	~~Private~~ Cardboard	4 T/L	
830	Private	Cardboard	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 116

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Clean up around Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** B. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 2/22 **TIME:** 8:00 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 29/11/22 **TYPE** Cardboard - Plastic -

DATES BINS WERE PICKED UP: 2/12/22 Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Clean up Garbage at Back Gate about 12 Buckets. Loads

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 133

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST 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:** R Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 3/22 **TIME:** 805 Am **STAFF:** PAUL T / SIBUK A.

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Very Windy – Packed Bins – Pushed Garbage on Hill – Pushed Leaves.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 175

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Carol - Yes / No 540 OLD BRICK HALL RD

DETAILS: Day – AX 28722 ONT

APPLICATION OF DUST 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:** R. Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 5/22 **TIME:** 8:00 am **STAFF:** Paul T / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE Tire Pickup / Tricium

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Back Garbage. Packed Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:00-9:00	Flatcher	Commercial	4 T/L	Village

TOTAL COUNT OF HOUSEHOLD USERS: 156

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pick up around Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 6/22 **TIME:** 8:45 Am **STAFF:** Paul T / Al B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	/ /	Pre Ordered Plastic
DATES BINS WERE PICKED UP:	/ /	Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Bins For Empty Plastic - Cardboard - Scrap / Paper Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 103

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage - Leaves & Brush

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** R Ferguson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Jan 8/22 **TIME:** 805 am **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pumped in A. M. (Scrap Bin.)

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)
830-130	Fletcher	Construct	4 T/C	
1040	Prunty	Const	1/2 T/C	65.00
330	"	Construct	1 T/C	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 116

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Push Garbage on Hill / Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jennings

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 9/22 **TIME:** 8 am **STAFF:** Paul T / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Pumped in A.M. (Scrap)

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	6/12/22	Cardboard – Plastic –
DATES BINS WERE PICKED UP:	9/12/22	Scrap.

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Garbage on Hill – Backhoe to Escott to Pack Bins.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3 30	Private	Garbage	1 T/L	Annesty

TOTAL COUNT OF HOUSEHOLD USERS: 124

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Packed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 10/22 **TIME:** 8:00 am **STAFF:** Paul T / Al B.

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:50	Private	Clean Resident

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
2:45	Private	Const	1/2 T/C	C5-00
3:50	"	"	1/2 T/C	C5-00

TOTAL COUNT OF HOUSEHOLD USERS: 258

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Place Bins / Picked Garbage on Mon.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 12/22 **TIME:** 8:10 AM **STAFF:** PWT / AM

DEFICIENCIES OBSERVED: **Description / Location**

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A-M

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS
Packed Bins Plowed Snow.
Back Man to Escott to Pack Bins

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fortune	Garbage	4 T/C	Viewed

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: Pushed Garbage on Hill / Picked up at Third Gate

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Jeffery

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 13/22 **TIME:** 8:05 am **STAFF:** Paul / Jon

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

		TYPE
DATE BINS WERE ORDERED:	/ /	Pre Ordered Plastic
DATES BINS WERE PICKED UP:	/ /	& Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Ordered Cardboard - Plastic + Paper for Friday.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 109

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Garbage on Hill / Packed Bins.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Nov 15/22 **TIME:** 805 AM **STAFF:** Paul / STEVE A

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A. H.

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)
830-130	Furnace	Construction	4 T/C	
900	Private	Garbage	1 T/C	Amnesty
1145	"	"	1 T/C	"

TOTAL COUNT OF HOUSEHOLD USERS: 176

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushed Compost / Placed Bins

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Stafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 16/22 **TIME:** 8:00 am **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 13/12/22 Cardboard - Plastic

DATES BINS WERE PICKED UP: 16/12/22 Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
3:30	Prime	Const	1/2 T/C	65.00
4:00	"	"	1/2 T/C	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 61.00

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Plowing Snow

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 17/22 **TIME:** 805 Am **STAFF:** Prout / Clarke B

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Plow to Snow.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
12:10	Private	Garbage	1 T/L	Amnesty

TOTAL COUNT OF HOUSEHOLD USERS: 201

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Templeton

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 19/22 **TIME:** 8:10 AM **STAFF:** Pat / Alan M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Backhoe to Escott to Pack Bins
Pick up Bins Lansdowne.

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
7:30-8:30	Fleetcare	Garbage	4 T/L	Yes

TOTAL COUNT OF HOUSEHOLD USERS: 139

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Picked Garbage on Hill.

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapp

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 20/22 **TIME:** 8 am **STAFF:** Paul / James

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / / Bin Ordered

DATES BINS WERE PICKED UP: / / Plastics & Paper

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS

Fri - Cardboard - Plastic - Scrap
Tue 27/22 Paper + Plastic Fri Dec 30 / Cardboard

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 148

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST 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:** R. Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 22/22 **TIME:** 8:00 am **STAFF:** Paul / Alan M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: People in A.M.

RECYCLING:

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

TYPE
RPM Pickup Up
Empty Oil Containers 20/12/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION
2:05	Private	Closed St Lansdowne

OTHER COMMENTS / OBSERVATIONS
Dozer in Work - Pickup Bins - Burned Cardboard on Hill

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:30/30	Fortune	Cardboard	4 T/L	
4:00	Private	"	1 T/L	Amnesty
4:15	"	Const.	1/2 T/L	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 235

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No
IF NO: Waste Sent To:

LITTER CONTROL: Yes / No
DETAILS: Compostor Bins Emptied Dec 21/22

APPLICATION OF DUST SUPPRESSANT: Yes / No
DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No
DETAILS:

COMPLAINTS RECEIVED: Yes / No
If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trafford

OFFICE USE:
Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 23/22 **TIME:** 8:05 am **STAFF:** Paul / Adam M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING:

DATE BINS WERE ORDERED: 20/12/22 **TYPE** Plastic - Cardboard - Scrap.

DATES BINS WERE PICKED UP: 23/12/22

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Scrapped Road way (ice)

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS: Pushing Garbage on Hill

APPLICATION OF DUST 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:** R Thompson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Dec 29/22 **TIME:** 8:00 am **STAFF:** Paul / Al M

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: / /

DATES BINS WERE PICKED UP: / /

REJECTED LOADS:

TIME	HAULER NAME	REASON FOR REJECTION

OTHER COMMENTS / OBSERVATIONS Pushed Cardboard on Hill
Packed Bins x 4

COMMERCIAL HAULER OR LARGE LOADS

Time	Hauler	Material	Quantity (estimate volume & weight)	Visual Check (Yes/No)
8:00-1:30	Fullerton	Cardboard	4 T/C	
9:45	Plumb	Const.	½ T/C	$5.00
10:30	"	Cardboard	1 T/C	Amnesty
12:30	"	"	1 T/C	"
1:30	"	Const	½ T/C	$5.00

TOTAL COUNT OF HOUSEHOLD USERS: 365

AREA OF WASTE DISPOSAL: All waste sent to active face: Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P Tomlinson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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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 30/22 **TIME:** 8:05 AM **STAFF:** PAUL J / ALAN M

DEFICIENCIES OBSERVED:

		Description / Location
Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Crows
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN:

RECYCLING: **TYPE**

DATE BINS WERE ORDERED: 20/12/22 Cardboard Fri Dec 30/22

DATES BINS WERE PICKED UP: / / Paper + Plastic Dec 27/22

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	Art Morgan	Garbage	1 T/L	Contractors
12:30	Private	Garbage	1 T/L	Amnesty
2:20	"	"	1 T/L	"

TOTAL COUNT OF HOUSEHOLD USERS: 256

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Jackson

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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Township of Leeds and the Thousand Islands
1233 Prince Street, P.O. Box 280
Lansdowne, ON K0E 1L0

- [x] Lansdowne
- [ ] Lyndhurst
- [ ] Escott

WASTE DISPOSAL SITE
DAILY INSPECTION FORM

DATE: Aug 31/22 **TIME:** 8:05 AM **STAFF:** Paul T / Cameron B

DEFICIENCIES OBSERVED: Description / Location

Ponded Water:	Yes / No	
Windblown Litter:	Yes / No	
Leachate Springs:	Yes / No	
Animals:	Yes / No	Cats
Other:	Yes / No	

RECOMMENDED ACTIONS / ACTIONS TAKEN: Proper in A.H.

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	Reuter	Cardboard	1/2 T/c	65.00

TOTAL COUNT OF HOUSEHOLD USERS: 123

AREA OF WASTE DISPOSAL: **All waste sent to active face:** Yes / No

IF NO: Waste Sent To:

LITTER CONTROL: Yes / No

DETAILS:

APPLICATION OF DUST SUPPRESSANT: Yes / No

DETAILS:

DAILY INSPECTION FORM COMPLETED: Yes / No

DETAILS:

COMPLAINTS RECEIVED: Yes / No

If Yes, complaint file number(s) and topic:

SIGNATURE **Print Staff Name:** P. Trapper

OFFICE USE:

Date Reviewed: **Reviewer:** **File Number:**

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MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000085549
PAGE	Page 1 of 5
DATE	01/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
04 - Jan	DUMP & RETURN W.O# 33357			1.00	$273.00
04 - Jan	MIXED PAPER	MC-35477		1.21MT	$62.92
06 - Jan	DUMP & RETURN W.O# 33473			1.00	$273.00
06 - Jan	MIXED PAPER	MC-35497		1.43MT	$74.36
11 - Jan	DUMP & RETURN W.O# 33715			1.00	$273.00
11 - Jan	MIXED PAPER	MC-35544		1.72MT	$89.44
13 - Jan	DUMP & RETURN W.O# 33820			1.00	$273.00
13 - Jan	MIXED PAPER	MC-35573		1.33MT	$69.16
18 - Jan	DUMP & RETURN W.O# 33964			1.00	$273.00
18 - Jan	MIXED PAPER	MC-35611		1.22MT	$63.44
25 - Jan	DUMP & RETURN W.O# 34280			1.00	$273.00
25 - Jan	MIXED PAPER	MC-35681		1.52MT	$79.04
	Serv #002 RO RECY PERM 1 - 40YD				
06 - Jan	DUMP & RETURN W.O# 33471			1.00	$273.00
13 - Jan	DUMP & RETURN W.O# 33818			1.00	$273.00
20 - Jan	DUMP & RETURN W.O# 34073			1.00	$273.00
28 - Jan	DUMP & RETURN W.O# 34389			1.00	$273.00

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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REFERENCE NO.	

AMOUNT PAID	

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 40YD				
04 - Jan	DUMP & RETURN W.O# 33358			1.00	$273.00
04 - Jan	MIXED CONTAINERS	MC-35480		2.29MT	$119.08
06 - Jan	DUMP & RETURN W.O# 33472			1.00	$273.00
06 - Jan	MIXED CONTAINERS	MC-35500		2.10MT	$109.20
11 - Jan	DUMP & RETURN W.O# 33716			1.00	$273.00
11 - Jan	MIXED CONTAINERS	MC-35548		2.29MT	$119.08
13 - Jan	DUMP & RETURN W.O# 33819			1.00	$273.00
13 - Jan	MIXED CONTAINERS	MC-35576		2.20MT	$114.40
18 - Jan	DUMP & RETURN W.O# 33965			1.00	$273.00
18 - Jan	MIXED CONTAINERS	MC-35616		2.18MT	$113.36
20 - Jan	DUMP & RETURN W.O# 34074			1.00	$273.00
20 - Jan	MIXED CONTAINERS	MC-35636		1.50MT	$78.00
25 - Jan	DUMP & RETURN W.O# 34281			1.00	$273.00
25 - Jan	MIXED CONTAINERS	MC-35684		2.00MT	$104.00
28 - Jan	DUMP & RETURN W.O# 34390			1.00	$273.00
28 - Jan	MIXED CONTAINERS	MC-35718		1.79MT	$93.08
	Serv #005 RL ORGANIC PERM 12 - 32GA				
05 - Jan	PER LIFT			12.00	$216.00
19 - Jan	PER LIFT			12.00	$216.00
	Serv #006 RO RECY PERM 1 - 30YD				
06 - Jan	DUMP & RETURN W.O# 33474			1.00	$273.00

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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AMOUNT PAID	

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
06 - Jan	SCRAP METAL	17-00138215		3.76MT	($225.60)
				SITE TOTAL	$6,681.96
	(0002)				
	LYNDHURST DUMP SITE				
	114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON				
	Serv #001 RO RECY PERM 1 - 40YD				
07 - Jan	DUMP & RETURN W.O# 33441			1.00	$273.00
07 - Jan	MIXED PAPER	MC-35510		0.72MT	$37.44
14 - Jan	DUMP & RETURN W.O# 33769			1.00	$273.00
14 - Jan	MIXED PAPER	MC-35594		0.75MT	$39.00
24 - Jan	DUMP & RETURN W.O# 34221			1.00	$273.00
24 - Jan	MIXED PAPER	MC-35659		0.78MT	$40.56
	Serv #003 RO RECY PERM 1 - 40YD				
03 - Jan	DUMP & RETURN W.O# 33312			1.00	$273.00
03 - Jan	MIXED CONTAINERS	MC-35467		1.17MT	$60.84
07 - Jan	DUMP & RETURN W.O# 33440			1.00	$273.00
07 - Jan	MIXED CONTAINERS	MC-35514		1.17MT	$60.84
11 - Jan	DUMP & RETURN W.O# 33768			1.00	$273.00
11 - Jan	MIXED CONTAINERS	MC-35551		1.18MT	$61.36
19 - Jan	DUMP & RETURN W.O# 34062			1.00	$273.00

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
19 - Jan	MIXED CONTAINERS	MC-35622		1.61MT	$83.72
25 - Jan	DUMP & RETURN W.O# 34222			1.00	$273.00
25 - Jan	MIXED CONTAINERS	MC-35679		1.55MT	$80.60
	Serv #004 RL ORGANIC PERM 10 - 32GA				
05 - Jan	PER LIFT			10.00	$180.00
19 - Jan	PER LIFT			10.00	$180.00
	Serv #006 RO RECY PERM 1 - 40YD				
07 - Jan	DUMP & RETURN W.O# 33442			1.00	$273.00
14 - Jan	DUMP & RETURN W.O# 33770			1.00	$273.00
25 - Jan	DUMP & RETURN W.O# 34223			1.00	$273.00
				SITE TOTAL	$3,827.36
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
06 - Jan	DUMP & RETURN W.O# 33540			1.00	$273.00
06 - Jan	MIXED PAPER	MC-35499		0.96MT	$49.92

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 4 of 5
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AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 30YD				
11 - Jan	DUMP & RETURN W.O# 33758			1.00	$273.00
11 - Jan	MIXED CONTAINERS	MC-35542		1.54 MT	$80.08
25 - Jan	DUMP & RETURN W.O# 34353			1.00	$273.00
25 - Jan	MIXED CONTAINERS	MC-35686		1.53 MT	$79.56
				SITE TOTAL	$1,028.56
	HST at 13.000% on $11,537.88				$1,499.92
	Material Summary				
	MIXED PAPER			11.64 MT	$605.28
	SCRAP METAL			3.76 MT	($225.60)
	MIXED CONTAINERS			26.10 MT	$1,357.20

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$13,037.80	$0.00	$0.00	$0.00

Due to fuel prices hitting record levels, moving forward, you may see a rate adjustment on your fuel surcharge to offset our operating costs.

INVOICE TOTAL	$13,037.80
TOTAL AMOUNT	$13,037.80

INVOICE NO.	MR0000085549
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CUSTOMER NO.	MR1273
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REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000087720
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CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
01 - Feb	DUMP & RETURN W.O# 34526			1.00	$273.00
01 - Feb	MIXED PAPER	MC-35743		1.47MT	$76.44
03 - Feb	DUMP & RETURN W.O# 34697			1.00	$273.00
03 - Feb	MIXED PAPER	MC-35762		1.25MT	$65.00
08 - Feb	DUMP & RETURN W.O# 34875			1.00	$273.00
08 - Feb	MIXED PAPER	MC-35806		1.26MT	$65.52
15 - Feb	DUMP & RETURN W.O# 35152			1.00	$273.00
15 - Feb	MIXED PAPER	MC-35880		1.49MT	$77.48
22 - Feb	DUMP & RETURN W.O# 35404			1.00	$273.00
22 - Feb	MIXED PAPER	MC-35930		1.55MT	$80.60
	Serv #002 RO RECY PERM 1 - 40YD				
03 - Feb	DUMP & RETURN W.O# 34695			1.00	$273.00
10 - Feb	DUMP & RETURN W.O# 34966			1.00	$273.00
17 - Feb	DUMP & RETURN W.O# 35284			1.00	$273.00
25 - Feb	DUMP & RETURN W.O# 35484			1.00	$273.00
	Serv #003 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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AMOUNT PAID	

MANCO
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INVOICE NO.	MR0000087720
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Feb	DUMP & RETURN W.O# 34527			1.00	$273.00
01 - Feb	MIXED CONTAINERS	MC-35746		1.43MT	$74.36
03 - Feb	DUMP & RETURN W.O# 34696			1.00	$273.00
03 - Feb	MIXED CONTAINERS	MC-35769		1.81MT	$94.12
08 - Feb	DUMP & RETURN W.O# 34876			1.00	$273.00
08 - Feb	MIXED CONTAINERS	MC-35811		1.61MT	$83.72
10 - Feb	DUMP & RETURN W.O# 34968			1.00	$273.00
10 - Feb	MIXED CONTAINERS	MC-35833		1.18MT	$61.36
15 - Feb	DUMP & RETURN W.O# 35153			1.00	$273.00
15 - Feb	MIXED CONTAINERS	MC-35882		1.99MT	$103.48
17 - Feb	DUMP & RETURN W.O# 35285			1.00	$273.00
17 - Feb	MIXED CONTAINERS	MC-35905		1.72MT	$89.44
22 - Feb	DUMP & RETURN W.O# 35405			1.00	$273.00
22 - Feb	MIXED CONTAINERS	MC-35935		1.37MT	$71.24
25 - Feb	DUMP & RETURN W.O# 35485			1.00	$273.00
25 - Feb	MIXED CONTAINERS	MC-35972		1.98MT	$102.96
	Serv #005 RL ORGANIC PERM 12 - 32GA				
02 - Feb	PER LIFT			12.00	$216.00
16 - Feb	PER LIFT			12.00	$216.00
	Serv #006 RO RECY PERM 1 - 30YD				
10 - Feb	DUMP & RETURN W.O# 34969			1.00	$273.00
10 - Feb	SCRAP METAL	17-00139105		3.52MT	($211.20)

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
				SITE TOTAL	$6,180.52
	(0002)				
	LYNDHURST DUMP SITE				
	114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON				
	Serv #001 RO RECY PERM 1 - 40YD				
03 - Feb	DUMP & RETURN W.O# 34661			1.00	$273.00
03 - Feb	MIXED PAPER	MC-35767		1.05MT	$54.60
15 - Feb	DUMP & RETURN W.O# 35237			1.00	$273.00
15 - Feb	MIXED PAPER	MC-35879		1.29MT	$67.08
	Serv #003 RO RECY PERM 1 - 40YD				
01 - Feb	DUMP & RETURN W.O# 34660			1.00	$273.00
01 - Feb	MIXED CONTAINERS	MC-35748		1.16MT	$60.32
08 - Feb	DUMP & RETURN W.O# 34922			1.00	$273.00
08 - Feb	MIXED CONTAINERS	MC-35813		1.30MT	$67.60
14 - Feb	DUMP & RETURN W.O# 35089			1.00	$273.00
14 - Feb	MIXED CONTAINERS	MC-35867		1.20MT	$62.40
17 - Feb	DUMP & RETURN W.O# 35366			1.00	$273.00
17 - Feb	MIXED CONTAINERS	MC-35911		1.21MT	$62.92
	Serv #004 RL ORGANIC PERM 10 - 32GA				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
02 - Feb	PER LIFT			10.00	$180.00
16 - Feb	PER LIFT			10.00	$180.00
	Serv #005 RO RECY PERM 1 - 30YD				
17 - Feb	DUMP & RETURN W.O# 35239			1.00	$273.00
17 - Feb	SCRAP METAL	17-139289		2.49MT	($149.40)
	Serv #006 RO RECY PERM 1 - 40YD				
04 - Feb	DUMP & RETURN W.O# 34662			1.00	$273.00
15 - Feb	DUMP & RETURN W.O# 35238			1.00	$273.00
				SITE TOTAL	$3,042.52
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
04 - Feb	DUMP & RETURN W.O# 34763			1.00	$273.00
04 - Feb	MIXED PAPER	MC-35777		1.36MT	$70.72
	Serv #002 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 4 of 5
DATE	
CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000087720
PAGE	Page 5 of 5
DATE	02/28/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
10 - Feb	DUMP & RETURN W.O# 34991			1.00	$273.00
	Serv #003 RO RECY PERM 1 - 30YD				
10 - Feb	DUMP & RETURN W.O# 34992			1.00	$273.00
10 - Feb	MIXED CONTAINERS	MC-35848		2.24MT	$116.48
				SITE TOTAL	$1,006.20
	HST at 13.000% on $10,229.24				$1,329.81
	Material Summary				
	MIXED PAPER			10.72 MT	$557.44
	SCRAP METAL			6.01 MT	($360.60)
	MIXED CONTAINERS			20.20 MT	$1,050.40

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$11,559.05	$0.00	$0.00	$0.00

Due to fuel prices hitting record levels, moving forward, you may see a rate adjustment on your fuel surcharge to offset our operating costs.

INVOICE TOTAL	$11,559.05
TOTAL AMOUNT	$11,559.05

INVOICE NO.	MR0000087720
PAGE	Page 5 of 5
DATE	02/28/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

E.F.T.
MAY 18 2022

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000090113
PAGE	Page 1 of 6
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CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

RECEIVED
MAY 18 2022
Twp Leeds & 1000 Islands
Payment Centre

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
	(0001)			
	LANSDOWNE DUMP SITE			
	365 KIDD RD, LANSDOWNE ON			
	Serv #001 RO RECY PERM 1 - 40YD			
01 - Mar	DUMP & RETURN W.O# 35683		1.00	$286.70
01 - Mar	MIXED PAPER	MC-36002	1.82MT	$94.64
03 - Mar	DUMP & RETURN W.O# 35788		1.00	$286.70
03 - Mar	MIXED PAPER	MC-36025	0.71MT	$36.92
08 - Mar	DUMP & RETURN W.O# 35959		1.00	$286.70
08 - Mar	MIXED PAPER	MC-36075	1.51MT	$78.52
15 - Mar	DUMP & RETURN W.O# 36292		1.00	$286.70
15 - Mar	MIXED PAPER	MC-36141	1.77MT	$92.04
17 - Mar	DUMP & RETURN W.O# 36358		1.00	$286.70
17 - Mar	MIXED PAPER	MC-36158	1.01MT	$52.52
22 - Mar	DUMP & RETURN W.O# 36555		1.00	$286.70
22 - Mar	MIXED PAPER	MC-36211	1.46MT	$75.92
29 - Mar	DUMP & RETURN W.O# 36791		1.00	$286.70
29 - Mar	MIXED PAPER	MC-36282	1.44MT	$74.88
	Serv #002 RO RECY PERM 1 - 40YD			
03 - Mar	DUMP & RETURN W.O# 35786		1.00	$286.70
11 - Mar	DUMP & RETURN W.O# 36061		1.00	$286.70
17 - Mar	DUMP & RETURN W.O# 36355		1.00	$286.70

Approval #1
Approval #2 James
Acct # 10-410-4300-6315
Sub-Acct #

ENTERED MAY 18 2022

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL

TOTAL AMOUNT

INVOICE NO.	
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AMOUNT PAID

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
25 - Mar	DUMP & RETURN W.O# 36631			1.00	$286.70
31 - Mar	DUMP & RETURN W.O# 36955			1.00	$286.70
31 - Mar	MIXED PAPER	MC-36317		0.88MT	$45.76
	Serv #003 RO RECY PERM 1 - 40YD				
01 - Mar	DUMP & RETURN W.O# 35684			1.00	$286.70
01 - Mar	MIXED CONTAINERS	MC-36005		1.79MT	$93.08
03 - Mar	DUMP & RETURN W.O# 35787			1.00	$286.70
03 - Mar	MIXED CONTAINERS	MC-36030		1.39MT	$72.28
08 - Mar	DUMP & RETURN W.O# 35960			1.00	$286.70
08 - Mar	MIXED CONTAINERS	MC-36079		1.58MT	$82.16
11 - Mar	DUMP & RETURN W.O# 36062			1.00	$286.70
11 - Mar	MIXED CONTAINERS	MC-36116		1.88MT	$97.76
15 - Mar	DUMP & RETURN W.O# 36293			1.00	$286.70
15 - Mar	MIXED CONTAINERS	MC-36143		1.64MT	$85.28
17 - Mar	DUMP & RETURN W.O# 36356			1.00	$286.70
17 - Mar	MIXED CONTAINERS	MC-36167		1.32MT	$68.64
22 - Mar	DUMP & RETURN W.O# 36556			1.00	$286.70
22 - Mar	MIXED CONTAINERS	MC-36215		1.80MT	$93.60
25 - Mar	DUMP & RETURN W.O# 36632			1.00	$286.70
25 - Mar	MIXED CONTAINERS	MC-36252		2.10MT	$109.20
29 - Mar	DUMP & RETURN W.O# 36792			1.00	$286.70
29 - Mar	MIXED CONTAINERS	MC-36286		1.54MT	$80.08
31 - Mar	DUMP & RETURN W.O# 36956			1.00	$286.70
31 - Mar	MIXED CONTAINERS	MC-36320		1.38MT	$71.76

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL

TOTAL AMOUNT

INVOICE NO.	
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AMOUNT PAID

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000090113
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #005 RL ORGANIC PERM 12 - 32GA				
02 - Mar	PER LIFT			12.00	$226.80
16 - Mar	PER LIFT			12.00	$226.80
30 - Mar	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
17 - Mar	DUMP & RETURN W.O# 36357			1.00	$286.70
17 - Mar	SCRAP METAL	17- 140097		3.15MT	($189.00)
	Serv #010 RO RECY PERM 1 - 40YD				
31 - Mar	DUMP & RETURN W.O# 36957			1.00	$286.70
				SITE TOTAL	$8,777.24
	(0002)				
	LYNDHURST DUMP SITE				
	114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON				
	Serv #001 RO RECY PERM 1 - 40YD				
03 - Mar	DUMP & RETURN W.O# 35733			1.00	$286.70
03 - Mar	MIXED PAPER	MC-36034		1.13MT	$58.76
17 - Mar	DUMP & RETURN W.O# 36287			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL

TOTAL AMOUNT

INVOICE NO.	
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AMOUNT PAID

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
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INVOICE NO.	MR0000090113
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
17 - Mar	MIXED PAPER	MC-36169		1.44MT	$74.88
31 - Mar	DUMP & RETURN W.O# 36893			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 40YD				
03 - Mar	DUMP & RETURN W.O# 35734			1.00	$286.70
03 - Mar	MIXED CONTAINERS	MC-36027		1.44MT	$74.88
07 - Mar	DUMP & RETURN W.O# 35915			1.00	$286.70
07 - Mar	MIXED CONTAINERS	MC-36077		1.28MT	$66.56
11 - Mar	DUMP & RETURN W.O# 36044			1.00	$286.70
11 - Mar	MIXED CONTAINERS	MC-36140		1.18MT	$61.36
17 - Mar	DUMP & RETURN W.O# 36286			1.00	$286.70
17 - Mar	MIXED CONTAINERS	MC-36163		1.15MT	$59.80
22 - Mar	DUMP & RETURN W.O# 36592			1.00	$286.70
22 - Mar	MIXED CONTAINERS	MC-36221		1.15MT	$59.80
29 - Mar	DUMP & RETURN W.O# 36891			1.00	$286.70
29 - Mar	MIXED CONTAINERS	MC-36291		1.09MT	$56.68
	Serv #004 RL ORGANIC PERM 10 - 32GA				
02 - Mar	PER LIFT			10.00	$189.00
16 - Mar	PER LIFT			10.00	$189.00
30 - Mar	PER LIFT			10.00	$189.00
	Serv #006 RO RECY PERM 1 - 40YD				
03 - Mar	DUMP & RETURN W.O# 35735			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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AMOUNT PAID	

MANCO
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
17 - Mar	DUMP & RETURN W.O# 36288			1.00	$286.70
31 - Mar	DUMP & RETURN W.O# 36892			1.00	$286.70
31 - Mar	MIXED PAPER	MC-36315		1.14MT	$59.28
				SITE TOTAL	$4,579.40
	(0003)				
	ESCOTT LANDFILL SITE				
	227 ESCOTT-ROCKPORT RD, ESCOTT ON				
	Serv #001 RO RECY PERM 1 - 40YD				
08 - Mar	DUMP & RETURN W.O# 36020			1.00	$286.70
08 - Mar	MIXED PAPER	MC-36078		1.57MT	$81.64
	Serv #003 RO RECY PERM 1 - 30YD				
01 - Mar	DUMP & RETURN W.O# 35757			1.00	$286.70
01 - Mar	MIXED CONTAINERS	MC-36001		1.77MT	$92.04
22 - Mar	DUMP & RETURN W.O# 36551			1.00	$286.70
22 - Mar	MIXED CONTAINERS	MC-36217		1.94MT	$100.88
				SITE TOTAL	$1,134.66
	HST at 13.000% on $14,491.30				$1,883.87

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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CUSTOMER NO.	
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AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
	Material Summary			
	MIXED PAPER		15.88 MT	$825.76
	SCRAP METAL		3.15 MT	($189.00)
	MIXED CONTAINERS		27.42 MT	$1,425.84

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$16,724.77	$0.00	$16,375.17	$0.00

Due to the unprecedented rise in fuel costs, E360S has had to take the necessary steps of fluctuating our fuel surcharge. We appreciate your understanding.

INVOICE TOTAL	$16,375.17
TOTAL AMOUNT	$33,099.94

INVOICE NO.	MR0000090113
PAGE	Page 6 of 6
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CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000092116
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REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
05 - Apr	DUMP & RETURN W.O# 37275			1.00	$286.70
05 - Apr	MIXED PAPER	MC-36373		1.43MT	$74.36
12 - Apr	DUMP & RETURN W.O# 37501			1.00	$286.70
12 - Apr	MIXED PAPER	MC-36448		1.66MT	$86.32
19 - Apr	DUMP & RETURN W.O# 37802			1.00	$286.70
19 - Apr	MIXED PAPER	MC-36513		1.83MT	$95.16
26 - Apr	DUMP & RETURN W.O# 38210			1.00	$286.70
26 - Apr	MIXED PAPER	MC-36587		1.36MT	$70.72
	Serv #002 RO RECY PERM 1 - 40YD				
07 - Apr	DUMP & RETURN W.O# 37303			1.00	$286.70
15 - Apr	DUMP & RETURN W.O# 37634			1.00	$286.70
22 - Apr	DUMP & RETURN W.O# 37908			1.00	$286.70
28 - Apr	DUMP & RETURN W.O# 38254			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 40YD				
05 - Apr	DUMP & RETURN W.O# 37276			1.00	$286.70
05 - Apr	MIXED CONTAINERS	MC-36376		1.60MT	$83.20

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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AMOUNT PAID	

MANCO
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
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LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
07 - Apr	DUMP & RETURN W.O# 37304			1.00	$286.70
07 - Apr	MIXED CONTAINERS	MC-36400		1.58MT	$82.16
12 - Apr	DUMP & RETURN W.O# 37502			1.00	$286.70
12 - Apr	MIXED CONTAINERS	MC-36452		1.72MT	$89.44
15 - Apr	DUMP & RETURN W.O# 37633			1.00	$286.70
15 - Apr	MIXED CONTAINERS	MC-36481		2.24MT	$116.48
19 - Apr	DUMP & RETURN W.O# 37803			1.00	$286.70
19 - Apr	MIXED CONTAINERS	MC-36515		1.82MT	$94.64
22 - Apr	DUMP & RETURN W.O# 37910			1.00	$286.70
22 - Apr	MIXED CONTAINERS	MC-36560		1.97MT	$102.44
26 - Apr	DUMP & RETURN W.O# 38211			1.00	$286.70
26 - Apr	MIXED CONTAINERS	MC-36591		1.94MT	$100.88
29 - Apr	DUMP & RETURN W.O# 38429			1.00	$286.70
29 - Apr	MIXED CONTAINERS	MC-36647		2.20MT	$114.40
	Serv #005 RL ORGANIC PERM 12 - 32GA				
13 - Apr	PER LIFT			12.00	$226.80
27 - Apr	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
07 - Apr	DUMP & RETURN W.O# 37305			1.00	$286.70
07 - Apr	SCRAP METAL	17-147381		4.11MT	($246.60)
13 - Apr	DUMP & RETURN W.O# 37632			1.00	$286.70
13 - Apr	SCRAP METAL	17-147817		2.59MT	($155.40)
28 - Apr	DUMP & RETURN W.O# 38256			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
28 - Apr	SCRAP METAL	17-148931		3.89MT	($233.40)
	Serv #010 RO RECY PERM 1 - 40YD				
28 - Apr	DUMP & RETURN W.O# 38257			1.00	$286.70
28 - Apr	MIXED PAPER	MC-36626		1.43MT	$74.36
	Serv #015 RO RECY PERM 1 - 30YD				
11 - Apr	CONTAINER DELIVERY W.O# 36364			1.00	$260.00
				SITE TOTAL	$6,996.76
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
07 - Apr	DUMP & RETURN W.O# 37268			1.00	$286.70
07 - Apr	MIXED PAPER	MC-36401		0.82MT	$42.64
15 - Apr	DUMP & RETURN W.O# 37547			1.00	$286.70
15 - Apr	MIXED PAPER	MC-36485		0.73MT	$37.96
29 - Apr	DUMP & RETURN W.O# 38188			1.00	$286.70
29 - Apr	MIXED PAPER	MC-36638		1.64MT	$85.28

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 40YD				
01 - Apr	DUMP & RETURN W.O# 37031			1.00	$286.70
01 - Apr	MIXED CONTAINERS	MC-36341		1.07MT	$55.64
06 - Apr	DUMP & RETURN W.O# 37267			1.00	$286.70
06 - Apr	MIXED CONTAINERS	MC-36388		0.97MT	$50.44
15 - Apr	DUMP & RETURN W.O# 37548			1.00	$286.70
15 - Apr	MIXED CONTAINERS	MC-36487		1.22MT	$63.44
18 - Apr	DUMP & RETURN W.O# 37784			1.00	$286.70
18 - Apr	MIXED CONTAINERS	MC-36499		1.28MT	$66.56
26 - Apr	DUMP & RETURN W.O# 38186			1.00	$286.70
26 - Apr	MIXED CONTAINERS	MC-36586		1.32MT	$68.64
27 - Apr	DUMP & RETURN W.O# 38187			1.00	$286.70
27 - Apr	MIXED CONTAINERS	MC-36612		1.31MT	$68.12
	Serv #004 RL ORGANIC PERM 10 - 32GA				
13 - Apr	PER LIFT			10.00	$189.00
27 - Apr	PER LIFT			10.00	$189.00
	Serv #005 RO RECY PERM 1 - 30YD				
01 - Apr	DUMP & RETURN W.O# 37032			1.00	$286.70
01 - Apr	SCRAP METAL	17-00140945		2.35MT	($141.00)
18 - Apr	DUMP & RETURN W.O# 37724			1.00	$286.70
18 - Apr	SCRAP METAL	17-148080		2.21MT	($132.60)
28 - Apr	DUMP & RETURN W.O# 38190			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
28 - Apr	SCRAP METAL	17-148943		2.37MT	($142.20)
	Serv #006 RO RECY PERM 1 - 40YD				
08 - Apr	DUMP & RETURN W.O# 37269			1.00	$286.70
18 - Apr	DUMP & RETURN W.O# 37783			1.00	$286.70
29 - Apr	DUMP & RETURN W.O# 38189			1.00	$286.70
				SITE TOTAL	$4,801.42
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
01 - Apr	DUMP & RETURN W.O# 37002			1.00	$286.70
01 - Apr	MIXED PAPER	MC-36340		1.08MT	$56.16
27 - Apr	DUMP & RETURN W.O# 38192			1.00	$286.70
27 - Apr	MIXED PAPER	MC-36602		1.39MT	$72.28
	Serv #002 RO RECY PERM 1 - 30YD				
13 - Apr	DUMP & RETURN W.O# 37580			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Apr	DUMP & RETURN W.O# 37003			1.00	$286.70
01 - Apr	MIXED CONTAINERS	MC-36344		1.00MT	$52.00
13 - Apr	DUMP & RETURN W.O# 37581			1.00	$286.70
13 - Apr	MIXED CONTAINERS	MC-36461		1.37MT	$71.24
27 - Apr	DUMP & RETURN W.O# 38191			1.00	$286.70
27 - Apr	MIXED CONTAINERS	MC-36607		1.41MT	$73.32
	Serv #005 RO RECY PERM 1 - 30YD				
13 - Apr	DUMP & RETURN W.O# 37582			1.00	$286.70
13 - Apr	SCRAP METAL	17-147885		4.49MT	($269.40)
				SITE TOTAL	$2,062.50
	(0008) **TOWNSHIP OF LEEDS & THOUSAND ISLANDS** **PECK'S MARINA, LANSDOWNE ON**				
	Serv #001 RO RECY PERM 1 - 30YD				
11 - Apr	CONTAINER DELIVERY W.O# 36363			1.00	$260.00
26 - Apr	DUMP & RETURN W.O# 38134	PER JAMES, AA		1.00	$260.00
26 - Apr	BOAT WRAP	MC-36593		1.81MT	$160.00

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
			SITE TOTAL	$680.00
	(0009) **TOWNSHIP OF LEEDS & THOUSAND ISLANDS** **CLARKS MARINA, GANANOQUE ON**			
	Serv #001 RO RECY PERM 1 - 30YD			
11 - Apr	CONTAINER DELIVERY W.O# 36365		1.00	$260.00
			SITE TOTAL	$260.00
	HST at 13.000% on $14,800.68			$1,924.09
	Material Summary			
	MIXED PAPER		13.37 MT	$695.24
	SCRAP METAL		22.01 MT	($1,320.60)
	MIXED CONTAINERS		26.02 MT	$1,353.04
	BOAT WRAP		1.81 MT	$160.00

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$16,724.77	$0.00	$16,375.17	$0.00

Due to the unprecedented rise in fuel costs, E360S has had to take the necessary steps of fluctuating our fuel surcharge. We appreciate your understanding.

INVOICE TOTAL	$16,724.77
TOTAL AMOUNT	$33,099.94

INVOICE NO.	MR0000092116
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Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
03 - May	DUMP & RETURN W.O# 38475			1.00	$286.70
03 - May	MIXED PAPER	MC-36672		1.57MT	$81.64
05 - May	DUMP & RETURN W.O# 38575			1.00	$286.70
05 - May	MIXED PAPER	MC-36700		2.00MT	$104.00
10 - May	DUMP & RETURN W.O# 38903			1.00	$286.70
10 - May	MIXED PAPER	MC-36737		1.50MT	$78.00
17 - May	DUMP & RETURN W.O# 39240			1.00	$286.70
17 - May	MIXED PAPER	MC-36826		1.52MT	$79.04
19 - May	DUMP & RETURN W.O# 39409			1.00	$286.70
19 - May	MIXED PAPER	MC-36857		0.93MT	$48.36
24 - May	DUMP & RETURN W.O# 39656			1.00	$286.70
24 - May	MIXED PAPER	MC-36897		1.22MT	$63.44
31 - May	DUMP & RETURN W.O# 40002			1.00	$286.70
31 - May	MIXED PAPER	MC-36989		1.63MT	$84.76
	Serv #002 RO RECY PERM 1 - 40YD				
05 - May	DUMP & RETURN W.O# 38574			1.00	$286.70
05 - May	OCC LOOSE	MC-36696		0.75MT	$0.00
12 - May	DUMP & RETURN W.O# 39006			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
12 - May	OCC LOOSE	MC-36773		1.56MT	$0.00
18 - May	CONTAINER DELIVERY W.O# 39406			0.00	$0.00
18 - May	OCC LOOSE	MC-36851		2.04MT	$0.00
26 - May	DUMP & RETURN W.O# 39760			1.00	$286.70
26 - May	OCC LOOSE	MC-36928		1.83MT	$0.00
	Serv #003 RO RECY PERM 1 - 40YD				
03 - May	DUMP & RETURN W.O# 38476			1.00	$286.70
03 - May	MIXED CONTAINERS	MC-36667		1.06MT	$55.12
06 - May	DUMP & RETURN W.O# 38828			1.00	$286.70
06 - May	MIXED CONTAINERS	MC-36710		2.00MT	$104.00
10 - May	DUMP & RETURN W.O# 38904			1.00	$286.70
10 - May	MIXED CONTAINERS	MC-36743		1.76MT	$91.52
12 - May	DUMP & RETURN W.O# 39007			1.00	$286.70
12 - May	MIXED CONTAINERS	MC-36780		1.77MT	$92.04
17 - May	DUMP & RETURN W.O# 39241			1.00	$286.70
17 - May	MIXED CONTAINERS	MC-36827		2.13MT	$110.76
19 - May	DUMP & RETURN W.O# 39407			1.00	$286.70
19 - May	MIXED CONTAINERS	MC-36862		1.73MT	$89.96
24 - May	DUMP & RETURN W.O# 39657			1.00	$286.70
24 - May	MIXED CONTAINERS	MC-36908		2.01MT	$104.52
26 - May	DUMP & RETURN W.O# 39761			1.00	$286.70
26 - May	MIXED CONTAINERS	MC-36935		1.96MT	$101.92
31 - May	DUMP & RETURN W.O# 40003			1.00	$286.70
31 - May	MIXED CONTAINERS	MC-36979		1.81MT	$94.12

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #005 RL ORGANIC PERM 12 - 32GA				
11 - May	PER LIFT			12.00	$226.80
25 - May	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
05 - May	DUMP & RETURN W.O# 38576			1.00	$286.70
05 - May	SCRAP METAL	17-00143312		3.38MT	($202.80)
12 - May	DUMP & RETURN W.O# 39008			1.00	$286.70
12 - May	SCRAP METAL	17-143774		2.49MT	($149.40)
19 - May	DUMP & RETURN W.O# 39408			1.00	$286.70
19 - May	SCRAP METAL	17-150508		3.47MT	($208.20)
				SITE TOTAL	$7,583.80
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
09 - May	DUMP & RETURN W.O# 38483			1.00	$286.70
09 - May	MIXED PAPER	MC-36722		1.13MT	$58.76
20 - May	DUMP & RETURN W.O# 39519			1.00	$286.70
20 - May	MIXED PAPER	MC-36872		1.33MT	$69.16

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 40YD				
03 - May	DUMP & RETURN W.O# 38482			1.00	$286.70
03 - May	MIXED CONTAINERS	MC-36664		1.83MT	$95.16
09 - May	DUMP & RETURN W.O# 38754			1.00	$286.70
09 - May	MIXED CONTAINERS	MC-36725		1.10MT	$57.20
13 - May	DUMP & RETURN W.O# 39125			1.00	$286.70
13 - May	MIXED CONTAINERS	MC-36795		1.08MT	$56.16
18 - May	DUMP & RETURN W.O# 39347			1.00	$286.70
18 - May	MIXED CONTAINERS	MC-36841		1.53MT	$79.56
25 - May	DUMP & RETURN W.O# 39759			1.00	$286.70
25 - May	MIXED CONTAINERS	MC-36922		1.26MT	$65.52
31 - May	DUMP & RETURN W.O# 40070			1.00	$286.70
31 - May	MIXED CONTAINERS	MC-36985		1.24MT	$64.48
	Serv #004 RL ORGANIC PERM 10 - 32GA				
11 - May	PER LIFT			10.00	$189.00
25 - May	PER LIFT			10.00	$189.00
	Serv #005 RO RECY PERM 1 - 30YD				
13 - May	DUMP & RETURN W.O# 39126			1.00	$286.70
13 - May	SCRAP METAL	17-150097		3.11MT	($186.60)
27 - May	DUMP & RETURN W.O# 39843			1.00	$286.70
27 - May	SCRAP METAL	17-150978		2.63MT	($157.80)

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #006 RO RECY PERM 1 - 40YD				
09 - May	DUMP & RETURN W.O# 38484			1.00	$286.70
09 - May	OCC LOOSE	MC-36731		0.97MT	$0.00
20 - May	DUMP & RETURN W.O# 39348			1.00	$286.70
20 - May	OCC LOOSE	MC-36876		1.34MT	$0.00
				SITE TOTAL	$4,020.00
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
26 - May	DUMP & RETURN W.O# 39766			1.00	$286.70
26 - May	MIXED PAPER	MC-36936		1.49MT	$77.48
	Serv #002 RO RECY PERM 1 - 30YD				
11 - May	DUMP & RETURN W.O# 39011			1.00	$286.70
11 - May	OCC LOOSE	MC-36757		1.40MT	$0.00
	Serv #003 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
11 - May	DUMP & RETURN W.O# 38909			1.00	$286.70
11 - May	MIXED CONTAINERS	MC-36754		1.27MT	$66.04
26 - May	DUMP & RETURN W.O# 39765			1.00	$286.70
26 - May	MIXED CONTAINERS	MC-36941		1.66MT	$86.32
				SITE TOTAL	$1,376.64
	(0008)				
	TOWNSHIP OF LEEDS & THOUSAND ISLANDS				
	PECK'S MARINA, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 30YD				
04 - May	DUMP & RETURN W.O# 38593	as per James - TJ		1.00	$260.00
04 - May	BOAT WRAP	MC-36684		1.61MT	$142.32
13 - May	DUMP & REMOVE W.O# 39212			1.00	$260.00
13 - May	BOAT WRAP	MC-36792		0.83MT	$73.37
				SITE TOTAL	$735.69
	HST at 13.000% on $13,716.13				$1,783.09

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
	Material Summary			
	OCC LOOSE		9.89 MT	$0.00
	MIXED PAPER		14.32 MT	$744.64
	SCRAP METAL		15.08 MT	($904.80)
	MIXED CONTAINERS		27.20 MT	$1,414.40
	BOAT WRAP		2.44 MT	$215.69

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$15,499.22	$0.00	$0.00	$0.00

INVOICE TOTAL	$15,499.22
TOTAL AMOUNT	$15,499.22

INVOICE NO.	MR0000094905
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Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

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INVOICE NO.	MR0000097357
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DATE	06/30/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
03 - Jun	DUMP & RETURN W.O# 40152			1.00	$286.70
03 - Jun	MIXED PAPER	MC-37028		1.75MT	$91.00
07 - Jun	DUMP & RETURN W.O# 40306			1.00	$286.70
07 - Jun	MIXED PAPER	MC-37059		0.90MT	$46.80
14 - Jun	DUMP & RETURN W.O# 40734			1.00	$286.70
14 - Jun	MIXED PAPER	MC-37150		1.92MT	$99.84
21 - Jun	DUMP & RETURN W.O# 41155			1.00	$286.70
21 - Jun	MIXED PAPER	MC-37254		1.65MT	$85.80
23 - Jun	DUMP & RETURN W.O# 41331			1.00	$286.70
23 - Jun	MIXED PAPER	MC-37283		1.25MT	$65.00
28 - Jun	DUMP & RETURN W.O# 41466			1.00	$286.70
28 - Jun	MIXED PAPER	MC-37338		1.72MT	$89.44
30 - Jun	DUMP & RETURN W.O# 41784			1.00	$286.70
30 - Jun	MIXED PAPER	MC-37377		1.59MT	$82.68
	Serv #002 RO RECY PERM 1 - 40YD				
02 - Jun	DUMP & RETURN W.O# 40148			1.00	$286.70
09 - Jun	DUMP & RETURN W.O# 40582			1.00	$286.70
15 - Jun	DUMP & RETURN W.O# 40897			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
23 - Jun	DUMP & RETURN W.O# 41328			1.00	$286.70
30 - Jun	DUMP & RETURN W.O# 41781			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Jun	DUMP & RETURN W.O# 40149			1.00	$286.70
02 - Jun	MIXED CONTAINERS	MC-37016		2.21MT	$114.92
03 - Jun	DUMP & RETURN W.O# 40151			1.00	$286.70
03 - Jun	MIXED CONTAINERS	MC-37031		1.07MT	$55.64
07 - Jun	DUMP & RETURN W.O# 40307			1.00	$286.70
07 - Jun	MIXED CONTAINERS	MC-37064		1.93MT	$100.36
14 - Jun	DUMP & RETURN W.O# 40735			1.00	$286.70
14 - Jun	MIXED CONTAINERS	MC-37154		2.33MT	$121.16
17 - Jun	DUMP & RETURN W.O# 41096			1.00	$286.70
17 - Jun	MIXED CONTAINERS	MC-37209		2.61MT	$135.72
21 - Jun	DUMP & RETURN W.O# 41156			1.00	$286.70
21 - Jun	MIXED CONTAINERS	MC-37260		2.49MT	$129.48
23 - Jun	DUMP & RETURN W.O# 41329			1.00	$286.70
23 - Jun	MIXED CONTAINERS	MC-37287		1.94MT	$100.88
28 - Jun	DUMP & RETURN W.O# 41467			1.00	$286.70
28 - Jun	MIXED CONTAINERS	MC-37342		1.87MT	$97.24
30 - Jun	DUMP & RETURN W.O# 41782			1.00	$286.70
30 - Jun	MIXED CONTAINERS	MC-37373		2.01MT	$104.52
	Serv #005 RL ORGANIC PERM 12 - 32GA				
08 - Jun	PER LIFT			12.00	$226.80

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
22 - Jun	PER LIFT			3.00	$56.70
	Serv #006 RO RECY PERM 1 - 30YD				
02 - Jun	DUMP & RETURN W.O# 40150			1.00	$286.70
02 - Jun	SCRAP METAL	17-00144993		4.17MT	($250.20)
09 - Jun	DUMP & RETURN W.O# 40581			1.00	$286.70
09 - Jun	SCRAP METAL	17-00145452		2.67MT	($160.20)
15 - Jun	DUMP & RETURN W.O# 40898			1.00	$286.70
15 - Jun	SCRAP METAL	17-00145841		3.23MT	($193.80)
23 - Jun	DUMP & RETURN W.O# 41330			1.00	$286.70
23 - Jun	SCRAP METAL	17-00146338		3.98MT	($238.80)
30 - Jun	DUMP & RETURN W.O# 41783			1.00	$286.70
	Serv #015 RO RECY PERM 1 - 30YD				
08 - Jun	DUMP & REMOVE W.O# 40585	PER JAMES T. 06/7/22 C		1.00	$260.00
08 - Jun	BOAT WRAP	MC-37080		1.68MT	$148.51
				SITE TOTAL	$8,823.69
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Jun	DUMP & RETURN W.O# 40069			1.00	$286.70
01 - Jun	MIXED PAPER	MC-36997		1.19MT	$61.88
10 - Jun	DUMP & RETURN W.O# 40468			1.00	$286.70
10 - Jun	MIXED PAPER	MC-37121		1.07MT	$55.64
16 - Jun	DUMP & RETURN W.O# 40873			1.00	$286.70
16 - Jun	MIXED PAPER	MC-37188		1.15MT	$59.80
24 - Jun	DUMP & RETURN W.O# 41288			1.00	$286.70
24 - Jun	MIXED PAPER	MC-37301		0.75MT	$39.00
30 - Jun	DUMP & RETURN W.O# 41681			1.00	$286.70
30 - Jun	MIXED PAPER	MC-37367		0.74MT	$38.48
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Jun	DUMP & RETURN W.O# 40071			1.00	$286.70
02 - Jun	MIXED CONTAINERS	MC-37019		1.35MT	$70.20
07 - Jun	DUMP & RETURN W.O# 40467			1.00	$286.70
07 - Jun	MIXED CONTAINERS	MC-37072		1.31MT	$68.12
10 - Jun	DUMP & RETURN W.O# 40660			1.00	$286.70
10 - Jun	MIXED CONTAINERS	MC-37118		1.10MT	$57.20
16 - Jun	DUMP & RETURN W.O# 40872			1.00	$286.70
16 - Jun	MIXED CONTAINERS	MC-37193		0.71MT	$36.92
22 - Jun	DUMP & RETURN W.O# 41286			1.00	$286.70
22 - Jun	MIXED CONTAINERS	MC-37277		1.08MT	$56.16
28 - Jun	DUMP & RETURN W.O# 41679			1.00	$286.70
28 - Jun	MIXED CONTAINERS	MC-37347		1.21MT	$62.92
30 - Jun	DUMP & RETURN W.O# 41680			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

INVOICE

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
30 - Jun	MIXED CONTAINERS	MC-37381		1.03MT	$53.56
	Serv #004 RL ORGANIC PERM 10 - 32GA				
08 - Jun	PER LIFT			10.00	$189.00
22 - Jun	PER LIFT			10.00	$189.00
	Serv #005 RO RECY PERM 1 - 30YD				
16 - Jun	DUMP & RETURN W.O# 40875			1.00	$286.70
16 - Jun	SCRAP METAL	17-00145914		2.89MT	($173.40)
	Serv #006 RO RECY PERM 1 - 40YD				
01 - Jun	DUMP & RETURN W.O# 40072			1.00	$286.70
10 - Jun	DUMP & RETURN W.O# 40469			1.00	$286.70
17 - Jun	DUMP & RETURN W.O# 40874			1.00	$286.70
24 - Jun	DUMP & RETURN W.O# 41289			1.00	$286.70
30 - Jun	DUMP & RETURN W.O# 41683			1.00	$286.70
				SITE TOTAL	$6,025.08
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #001 RO RECY PERM 1 - 40YD				
15 - Jun	DUMP & RETURN W.O# 40896			1.00	$286.70
15 - Jun	MIXED PAPER	MC-37174		1.01MT	$52.52
	Serv #002 RO RECY PERM 1 - 30YD				
22 - Jun	DUMP & RETURN W.O# 41098			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 30YD				
09 - Jun	DUMP & RETURN W.O# 40529			1.00	$286.70
09 - Jun	MIXED CONTAINERS	MC-37101		1.70MT	$88.40
22 - Jun	DUMP & RETURN W.O# 41099			1.00	$286.70
22 - Jun	MIXED CONTAINERS	MC-37278		1.30MT	$67.60
	Serv #005 RO RECY PERM 1 - 30YD				
01 - Jun	DUMP & RETURN W.O# 40173			1.00	$286.70
02 - Jun	SCRAP METAL	17-00144987		3.47MT	($208.20)
				SITE TOTAL	$1,433.82
	(0009) **TOWNSHIP OF LEEDS & THOUSAND ISLANDS** **CLARKS MARINA, GANANOQUE ON**				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #001 RO RECY PERM 1 - 30YD				
22 - Jun	DUMP & REMOVE W.O# 41335	PER JAMES 6/21/22 CR		1.00	$260.00
22 - Jun	BOAT WRAP	MC-37302		0.97 MT	$85.75
				SITE TOTAL	$345.75
	HST at 13.000% on $16,628.34				$2,161.69
	Material Summary				
	MIXED PAPER			16.69 MT	$867.88
	SCRAP METAL			20.41 MT	($1,224.60)
	MIXED CONTAINERS			29.25 MT	$1,521.00
	BOAT WRAP			2.65 MT	$234.26

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$18,790.03	$0.00	$0.00	$0.00

Due to the unprecedented rise in fuel costs, E360S has had to take the necessary steps of fluctuating our fuel surcharge. We appreciate your understanding.

INVOICE TOTAL	$18,790.03
TOTAL AMOUNT	$18,790.03

INVOICE NO.	MR0000097357
PAGE	Page 7 of 7
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CUSTOMER NO.	MR1273
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Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
05 - Jul	DUMP & RETURN W.O# 41993			1.00	$286.70
05 - Jul	MIXED PAPER	MC-37421		1.38MT	$71.76
12 - Jul	DUMP & RETURN W.O# 42335			1.00	$286.70
12 - Jul	MIXED PAPER	MC-37499		1.88MT	$97.76
14 - Jul	DUMP & RETURN W.O# 42445			1.00	$286.70
14 - Jul	MIXED PAPER	MC-37546		1.35MT	$70.20
19 - Jul	DUMP & RETURN W.O# 42801			1.00	$286.70
19 - Jul	MIXED PAPER	MC-37597		1.38MT	$71.76
22 - Jul	DUMP & RETURN W.O# 42870			1.00	$286.70
22 - Jul	MIXED PAPER	MC-37643		1.39MT	$72.28
26 - Jul	DUMP & RETURN W.O# 43217			1.00	$286.70
26 - Jul	MIXED PAPER	MC-37686		1.07MT	$55.64
	Serv #002 RO RECY PERM 1 - 40YD				
07 - Jul	DUMP & RETURN W.O# 42062			1.00	$286.70
14 - Jul	DUMP & RETURN W.O# 42443			1.00	$286.70
14 - Jul	MIXED PAPER	MC-37538		2.16MT	$112.32
21 - Jul	DUMP & RETURN W.O# 42866			1.00	$286.70
21 - Jul	MIXED CONTAINERS	MC-37628		2.50MT	$130.00

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
28 - Jul	DUMP & RETURN W.O# 43265			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 40YD				
05 - Jul	DUMP & RETURN W.O# 41994			1.00	$286.70
05 - Jul	MIXED CONTAINERS	MC-37426		2.09MT	$108.68
07 - Jul	DUMP & RETURN W.O# 42063			1.00	$286.70
07 - Jul	MIXED CONTAINERS	MC-37457		2.20MT	$114.40
08 - Jul	DUMP & RETURN W.O# 42064			1.00	$286.70
08 - Jul	MIXED CONTAINERS	MC-37475		1.51MT	$78.52
12 - Jul	DUMP & RETURN W.O# 42336			1.00	$286.70
12 - Jul	MIXED CONTAINERS	MC-37504		1.89MT	$98.28
14 - Jul	DUMP & RETURN W.O# 42444			1.00	$286.70
14 - Jul	MIXED CONTAINERS	MC-37540		1.45MT	$75.40
19 - Jul	DUMP & RETURN W.O# 42802			1.00	$286.70
19 - Jul	MIXED CONTAINERS	MC-37600		1.77MT	$92.04
21 - Jul	DUMP & RETURN W.O# 42867			1.00	$286.70
21 - Jul	MIXED CONTAINERS	MC-37631		1.76MT	$91.52
22 - Jul	DUMP & RETURN W.O# 42869			1.00	$286.70
22 - Jul	MIXED CONTAINERS	MC-37649		1.23MT	$63.96
26 - Jul	DUMP & RETURN W.O# 43218			1.00	$286.70
26 - Jul	MIXED CONTAINERS	MC-37692		1.81MT	$94.12
28 - Jul	DUMP & RETURN W.O# 43266			1.00	$286.70
28 - Jul	MIXED CONTAINERS	MC-37719		1.30MT	$67.60
29 - Jul	DUMP & RETURN W.O# 43268			1.00	$286.70
29 - Jul	MIXED CONTAINERS	MC-37731		1.89MT	$98.28

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #005 RL ORGANIC PERM 12 - 32GA				
06 - Jul	PER LIFT			12.00	$226.80
20 - Jul	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
04 - Jul	SCRAP METAL	17-146923		3.09MT	($185.40)
08 - Jul	DUMP & RETURN W.O# 42065			1.00	$286.70
08 - Jul	SCRAP METAL	17-00147189		3.17MT	($190.20)
14 - Jul	DUMP & RETURN W.O# 42446			1.00	$286.70
14 - Jul	SCRAP METAL	17-153956		2.39MT	($143.40)
21 - Jul	DUMP & RETURN W.O# 42868			1.00	$286.70
21 - Jul	SCRAP METAL	17-154372		2.39MT	($143.46)
29 - Jul	DUMP & RETURN W.O# 43267			1.00	$286.70
29 - Jul	SCRAP METAL	17-00148394		3.07MT	($184.20)
				SITE TOTAL	$8,438.96
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
08 - Jul	DUMP & RETURN W.O# 41998			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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INVOICE NO.	MR0000099894
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DATE	07/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
08 - Jul	MIXED PAPER	MC-37479		3.27MT	$170.04
15 - Jul	DUMP & RETURN W.O# 42368			1.00	$286.70
15 - Jul	MIXED PAPER	MC-37567		0.76MT	$39.52
26 - Jul	DUMP & RETURN W.O# 43168			1.00	$286.70
26 - Jul	MIXED PAPER	MC-37682		1.21MT	$62.92
	Serv #003 RO RECY PERM 1 - 40YD				
04 - Jul	DUMP & RETURN W.O# 41997			1.00	$286.70
04 - Jul	MIXED CONTAINERS	MC-37402		1.09MT	$56.68
08 - Jul	DUMP & RETURN W.O# 42196			1.00	$286.70
12 - Jul	DUMP & RETURN W.O# 42367			1.00	$286.70
12 - Jul	MIXED CONTAINERS	MC-37512		1.16MT	$60.32
15 - Jul	DUMP & RETURN W.O# 42553			1.00	$286.70
15 - Jul	MIXED CONTAINERS	MC-37569		1.08MT	$56.16
22 - Jul	DUMP & RETURN W.O# 42873			1.00	$286.70
22 - Jul	MIXED CONTAINERS	MC-37656		1.10MT	$57.20
26 - Jul	DUMP & RETURN W.O# 43170			1.00	$286.70
26 - Jul	MIXED CONTAINERS	MC-37687		1.52MT	$79.04
	Serv #004 RL ORGANIC PERM 10 - 32GA				
06 - Jul	PER LIFT			10.00	$189.00
20 - Jul	PER LIFT			8.00	$151.20
	Serv #005 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
07 - Jul	DUMP & RETURN W.O# 42000			1.00	$286.70
07 - Jul	SCRAP METAL	17-00147147		2.99MT	($179.40)
20 - Jul	DUMP & RETURN W.O# 42871			1.00	$286.70
20 - Jul	SCRAP METAL	17-00147858		1.63MT	($97.80)
	Serv #006 RO RECY PERM 1 - 40YD				
08 - Jul	DUMP & RETURN W.O# 41999			1.00	$286.70
08 - Jul	MIXED CONTAINERS	MC-37470		1.19MT	$61.88
18 - Jul	DUMP & RETURN W.O# 42369			1.00	$286.70
				SITE TOTAL	$4,433.86
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
07 - Jul	DUMP & RETURN W.O# 41976			1.00	$286.70
07 - Jul	MIXED PAPER	MC-37459		1.00MT	$52.00
28 - Jul	DUMP & RETURN W.O# 43306			1.00	$286.70
28 - Jul	MIXED PAPER	MC-37727		0.90MT	$46.80
	Serv #003 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
04 - Jul	DUMP & RETURN W.O# 41919			1.00	$286.70
04 - Jul	MIXED CONTAINERS	MC-37494		1.34 MT	$69.68
13 - Jul	DUMP & RETURN W.O# 42480			1.00	$286.70
13 - Jul	MIXED CONTAINERS	MC-37534		1.12 MT	$58.24
28 - Jul	DUMP & RETURN W.O# 43305			1.00	$286.70
28 - Jul	MIXED CONTAINERS	MC-37714		1.36 MT	$70.72
				SITE TOTAL	$1,730.94
	HST at 13.000% on $14,603.76				$1,898.48
	Material Summary				
	MIXED PAPER			17.75 MT	$923.00
	SCRAP METAL			18.73 MT	($1,123.86)
	MIXED CONTAINERS			32.36 MT	$1,682.72

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$16,502.24	$0.00	$0.00	$0.00

Due to fuel prices hitting record levels, moving forward, you may see a rate adjustment on your fuel surcharge to offset our operating costs.

INVOICE TOTAL	$16,502.24
TOTAL AMOUNT	$16,502.24

INVOICE NO.	MR0000099894
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DATE	07/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000102814
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CUSTOMER NO.	MR1273
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
02 - Aug	DUMP & RETURN W.O# 43471			1.00	$286.70
02 - Aug	MIXED CONTAINERS	MC-37748		1.66MT	$86.32
04 - Aug	DUMP & RETURN W.O# 43498			1.00	$286.70
04 - Aug	MIXED PAPER	MC-37795		1.53MT	$79.56
09 - Aug	DUMP & RETURN W.O# 43841			1.00	$286.70
09 - Aug	MIXED CONTAINERS	MC-37850		0.93MT	$48.36
16 - Aug	DUMP & RETURN W.O# 44147			1.00	$286.70
16 - Aug	MIXED PAPER	MC-37922		0.87MT	$45.24
23 - Aug	DUMP & RETURN W.O# 44473			1.00	$286.70
23 - Aug	MIXED PAPER	MC-38013		0.95MT	$49.40
30 - Aug	DUMP & RETURN W.O# 44847			1.00	$286.70
30 - Aug	MIXED PAPER	MC-38087		1.03MT	$53.56
	Serv #002 RO RECY PERM 1 - 40YD				
04 - Aug	DUMP & RETURN W.O# 43497			1.00	$286.70
12 - Aug	DUMP & RETURN W.O# 43865			1.00	$286.70
18 - Aug	DUMP & RETURN W.O# 44232			1.00	$286.70
25 - Aug	DUMP & RETURN W.O# 44565			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
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LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Aug	DUMP & RETURN W.O# 43472			1.00	$286.70
02 - Aug	MIXED PAPER	MC-37740		1.33MT	$69.16
05 - Aug	DUMP & RETURN W.O# 43500			1.00	$286.70
05 - Aug	MIXED CONTAINERS	MC-37814		1.64MT	$85.28
09 - Aug	DUMP & RETURN W.O# 43842			1.00	$286.70
09 - Aug	MIXED CONTAINERS	MC-37858		1.67MT	$86.84
11 - Aug	DUMP & RETURN W.O# 43868			1.00	$286.70
11 - Aug	MIXED CONTAINERS	MC-37878		1.97MT	$102.44
11 - Aug	DUMP & RETURN W.O# 43866			1.00	$286.70
16 - Aug	DUMP & RETURN W.O# 44148			1.00	$286.70
16 - Aug	MIXED CONTAINERS	MC-37927		1.59MT	$82.68
18 - Aug	DUMP & RETURN W.O# 44233			1.00	$286.70
18 - Aug	MIXED CONTAINERS	MC-37960		1.33MT	$69.16
19 - Aug	DUMP & RETURN W.O# 44236			1.00	$286.70
19 - Aug	MIXED CONTAINERS	MC-37972		0.97MT	$50.44
23 - Aug	DUMP & RETURN W.O# 44474			1.00	$286.70
23 - Aug	MIXED CONTAINERS	MC-38018		2.26MT	$117.52
25 - Aug	DUMP & RETURN W.O# 44566			1.00	$286.70
25 - Aug	MIXED CONTAINERS	MC-38045		1.54MT	$80.08
30 - Aug	DUMP & RETURN W.O# 44848			1.00	$286.70
30 - Aug	MIXED CONTAINERS	MC-38090		2.10MT	$109.20
	Serv #005 RL ORGANIC PERM 12 - 32GA				
03 - Aug	PER LIFT			12.00	$226.80

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

INVOICE

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TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
17 - Aug	PER LIFT			12.00	$226.80
31 - Aug	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
05 - Aug	DUMP & RETURN W.O# 43501			1.00	$286.70
05 - Aug	SCRAP METAL	17-155223		3.16MT	($189.60)
11 - Aug	DUMP & RETURN W.O# 43869			1.00	$286.70
11 - Aug	SCRAP METAL	17-00149040		1.87MT	($112.20)
18 - Aug	DUMP & RETURN W.O# 44234			1.00	$286.70
18 - Aug	SCRAP METAL	17-00149493		3.31MT	($198.60)
25 - Aug	DUMP & RETURN W.O# 44567			1.00	$286.70
25 - Aug	SCRAP METAL	17-156411		1.97MT	($118.20)
	Serv #010 RO RECY PERM 1 - 40YD				
12 - Aug	DUMP & RETURN W.O# 43867			1.00	$286.70
12 - Aug	MIXED PAPER	MC-37901		1.17MT	$60.84
19 - Aug	DUMP & RETURN W.O# 44235			1.00	$286.70
19 - Aug	MIXED PAPER	MC-37969		1.35MT	$70.20
26 - Aug	DUMP & RETURN W.O# 44624			1.00	$286.70
26 - Aug	MIXED PAPER	MC-38056		1.32MT	$68.64
				SITE TOTAL	$9,504.32
	(0002)				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	LYNDHURST DUMP SITE				
	114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON				
	Serv #001 RO RECY PERM 1 - 40YD				
04 - Aug	DUMP & RETURN W.O# 43582			1.00	$286.70
04 - Aug	MIXED PAPER	MC-37798		1.04MT	$54.08
11 - Aug	DUMP & RETURN W.O# 43838			1.00	$286.70
11 - Aug	MIXED PAPER	MC-37880		0.80MT	$41.60
19 - Aug	DUMP & RETURN W.O# 44172			1.00	$286.70
19 - Aug	MIXED PAPER	MC-37977		0.96MT	$49.92
26 - Aug	DUMP & RETURN W.O# 44522			1.00	$286.70
26 - Aug	MIXED PAPER	MC-38061		0.97MT	$50.44
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Aug	DUMP & RETURN W.O# 43402			1.00	$286.70
02 - Aug	MIXED CONTAINERS	MC-37757		1.49MT	$77.48
05 - Aug	DUMP & RETURN W.O# 43583			1.00	$286.70
05 - Aug	MIXED CONTAINERS	MC-37804		1.12MT	$58.24
08 - Aug	DUMP & RETURN W.O# 43716			1.00	$286.70
08 - Aug	MIXED CONTAINERS	MC-37822		108.00MT	$5,616.00
11 - Aug	DUMP & RETURN W.O# 43837			1.00	$286.70
11 - Aug	MIXED CONTAINERS	MC-37883		0.93MT	$48.36
16 - Aug	DUMP & RETURN W.O# 44171			1.00	$286.70
16 - Aug	MIXED CONTAINERS	MC-37932		1.27MT	$66.04
19 - Aug	DUMP & RETURN W.O# 44371			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
19 - Aug	MIXED CONTAINERS	MC-37983		1.01MT	$52.52
23 - Aug	DUMP & RETURN W.O# 44521			1.00	$286.70
23 - Aug	MIXED CONTAINERS	MC-11112		1.23MT	$63.96
30 - Aug	DUMP & RETURN W.O# 44788			1.00	$286.70
30 - Aug	MIXED CONTAINERS	MC-38095		1.25MT	$65.00
	Serv #004 RL ORGANIC PERM 10 - 32GA				
03 - Aug	PER LIFT			6.00	$113.40
17 - Aug	PER LIFT			8.00	$151.20
31 - Aug	PER LIFT			6.00	$113.40
	Serv #005 RO RECY PERM 1 - 30YD				
05 - Aug	DUMP & RETURN W.O# 43584			1.00	$286.70
05 - Aug	SCRAP METAL	17-00148703		2.66MT	($159.60)
18 - Aug	DUMP & RETURN W.O# 44170			1.00	$286.70
18 - Aug	SCRAP METAL	17-00149473		2.23MT	($133.80)
	Serv #006 RO RECY PERM 1 - 40YD				
02 - Aug	DUMP & RETURN W.O# 43401			1.00	$286.70
08 - Aug	DUMP & RETURN W.O# 43715			1.00	$286.70
18 - Aug	DUMP & RETURN W.O# 44173			1.00	$286.70
25 - Aug	DUMP & RETURN W.O# 44523			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
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LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
				SITE TOTAL	$11,488.84
	(0003)				
	ESCOTT LANDFILL SITE				
	227 ESCOTT-ROCKPORT RD, ESCOTT ON				
	Serv #001 RO RECY PERM 1 - 40YD				
22 - Aug	DUMP & RETURN W.O# 44395			1.00	$286.70
22 - Aug	MIXED PAPER	MC-11111		1.00MT	$52.00
	Serv #002 RO RECY PERM 1 - 30YD				
03 - Aug	DUMP & RETURN W.O# 43510			1.00	$286.70
25 - Aug	DUMP & RETURN W.O# 44398			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 30YD				
11 - Aug	DUMP & RETURN W.O# 43895			1.00	$286.70
11 - Aug	MIXED CONTAINERS	MC-37882		1.43MT	$74.36
22 - Aug	DUMP & RETURN W.O# 44397			1.00	$286.70
22 - Aug	MIXED CONTAINERS	MC-38017		1.23MT	$63.96
	Serv #005 RO RECY PERM 1 - 30YD				
19 - Aug	DUMP & RETURN W.O# 44396			1.00	$286.70
19 - Aug	SCRAP METAL	17-00149572		3.65MT	($219.00)

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
			SITE TOTAL	$1,691.52
	HST at 13.000% on $22,684.68			$2,949.01
	Material Summary			
	MIXED PAPER		14.32 MT	$744.64
	SCRAP METAL		18.85 MT	($1,131.00)
	MIXED CONTAINERS		136.62 MT	$7,104.24

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$25,633.69	$0.00	$0.00	$0.00

Price Change Notice: Effective October 1, 2022 E360S will be increasing rates by 10% due to increased operating costs.

INVOICE TOTAL	$25,633.69
TOTAL AMOUNT	$25,633.69

INVOICE NO.	MR0000102814
PAGE	Page 7 of 7
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Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
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INVOICE NO.	MR0000105465
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CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
06 - Sep	DUMP & RETURN W.O# 45048			1.00	$286.70
06 - Sep	MIXED PAPER	MC-38169		1.14MT	$59.28
09 - Sep	DUMP & RETURN W.O# 45379			1.00	$286.70
09 - Sep	MIXED PAPER	MC-38218		0.82MT	$42.64
13 - Sep	DUMP & RETURN W.O# 45455			1.00	$286.70
13 - Sep	MIXED PAPER	MC-38246		0.98MT	$50.96
16 - Sep	DUMP & RETURN W.O# 45557			1.00	$286.70
16 - Sep	MIXED PAPER	MC-38287		1.43MT	$74.36
20 - Sep	DUMP & RETURN W.O# 45833			1.00	$286.70
20 - Sep	MIXED PAPER	MC-38317		1.03MT	$53.56
27 - Sep	DUMP & RETURN W.O# 46166			1.00	$286.70
29 - Sep	DUMP & RETURN W.O# 46225			1.00	$286.70
29 - Sep	MIXED PAPER	MC-38416		0.95MT	$49.40
	Serv #002 RO RECY PERM 1 - 40YD				
02 - Sep	DUMP & RETURN W.O# 44898			1.00	$286.70
09 - Sep	DUMP & RETURN W.O# 45141			1.00	$286.70
15 - Sep	DUMP & RETURN W.O# 45552			1.00	$286.70
15 - Sep	MIXED CONTAINERS	MC-38275		1.83MT	$95.16

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
23 - Sep	DUMP & RETURN W.O# 45854			1.00	$286.70
29 - Sep	DUMP & RETURN W.O# 46222			1.00	$286.70
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Sep	DUMP & RETURN W.O# 44897			1.00	$286.70
02 - Sep	MIXED CONTAINERS	MC-38149		2.00MT	$104.00
06 - Sep	DUMP & RETURN W.O# 45049			1.00	$286.70
06 - Sep	MIXED CONTAINERS	MC-38178		1.91MT	$99.32
09 - Sep	DUMP & RETURN W.O# 45142			1.00	$286.70
09 - Sep	MIXED CONTAINERS	MC-38222		1.88MT	$97.76
13 - Sep	DUMP & RETURN W.O# 45456			1.00	$286.70
13 - Sep	MIXED CONTAINERS	MC-38250		1.79MT	$93.08
15 - Sep	DUMP & RETURN W.O# 45554			1.00	$286.70
15 - Sep	MIXED PAPER	MC-38281		1.83MT	$95.16
16 - Sep	DUMP & RETURN W.O# 45556			1.00	$286.70
16 - Sep	MIXED CONTAINERS	MC-38291		1.07MT	$55.64
20 - Sep	DUMP & RETURN W.O# 45834			1.00	$286.70
20 - Sep	MIXED CONTAINERS	MC-38321		1.77MT	$92.04
23 - Sep	DUMP & RETURN W.O# 45855			1.00	$286.70
23 - Sep	MIXED CONTAINERS	MC-38367		1.77MT	$92.04
27 - Sep	DUMP & RETURN W.O# 46167			1.00	$286.70
27 - Sep	MIXED CONTAINERS	MC-38395		1.93MT	$100.36
29 - Sep	DUMP & RETURN W.O# 46223			1.00	$286.70
29 - Sep	MIXED CONTAINERS	MC-38419		1.74MT	$90.48
	Serv #005 RL ORGANIC PERM 12 - 32GA				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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MANCO
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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
14 - Sep	PER LIFT			12.00	$226.80
28 - Sep	PER LIFT			12.00	$226.80
	Serv #006 RO RECY PERM 1 - 30YD				
09 - Sep	DUMP & RETURN W.O# 45144			1.00	$286.70
09 - Sep	SCRAP METAL	17-157347		3.79MT	($227.40)
15 - Sep	DUMP & RETURN W.O# 45555			1.00	$286.70
15 - Sep	SCRAP METAL	17-00157745		2.44MT	($146.40)
29 - Sep	DUMP & RETURN W.O# 46224			1.00	$286.70
	Serv #010 RO RECY PERM 1 - 40YD				
07 - Sep	DUMP & RETURN W.O# 45143			1.00	$286.70
07 - Sep	MIXED PAPER	MC-38189		1.74MT	$90.48
				SITE TOTAL	$8,969.72
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
02 - Sep	DUMP & RETURN W.O# 44789			1.00	$286.70

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
02 - Sep	MIXED PAPER	MC-38137		0.82MT	$42.64
13 - Sep	DUMP & RETURN W.O# 45466			1.00	$286.70
23 - Sep	DUMP & RETURN W.O# 45802			1.00	$286.70
23 - Sep	MIXED PAPER	MC-38362		1.03MT	$53.56
	Serv #003 RO RECY PERM 1 - 40YD				
01 - Sep	DUMP & RETURN W.O# 44980			1.00	$286.70
01 - Sep	MIXED CONTAINERS	MC-38136		1.22MT	$63.44
07 - Sep	DUMP & RETURN W.O# 45157			1.00	$286.70
07 - Sep	MIXED CONTAINERS	MC-38182		1.04MT	$54.08
09 - Sep	DUMP & RETURN W.O# 45298			1.00	$286.70
09 - Sep	MIXED CONTAINERS	MC-38231		1.04MT	$54.08
14 - Sep	DUMP & RETURN W.O# 45465			1.00	$286.70
14 - Sep	MIXED CONTAINERS	MC-38264		1.15MT	$59.80
20 - Sep	DUMP & RETURN W.O# 45801			1.00	$286.70
20 - Sep	MIXED CONTAINERS	MC-38323		1.21MT	$62.92
27 - Sep	DUMP & RETURN W.O# 46122			1.00	$286.70
27 - Sep	MIXED CONTAINERS	MC-38400		1.24MT	$64.48
30 - Sep	DUMP & RETURN W.O# 46125			1.00	$286.70
30 - Sep	MIXED PAPER	MC-38448		1.18MT	$61.36
	Serv #004 RL ORGANIC PERM 10 - 32GA				
14 - Sep	PER LIFT			7.00	$132.30
28 - Sep	PER LIFT			7.00	$132.30

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #005 RO RECY PERM 1 - 30YD				
08 - Sep	DUMP & RETURN W.O# 45158			1.00	$286.70
08 - Sep	SCRAP METAL	17-157283		2.54MT	($152.40)
30 - Sep	DUMP & RETURN W.O# 46277			1.00	$286.70
30 - Sep	SCRAP METAL	17-00158720		2.88MT	($172.80)
	Serv #006 RO RECY PERM 1 - 40YD				
02 - Sep	DUMP & RETURN W.O# 44790			1.00	$286.70
13 - Sep	DUMP & RETURN W.O# 45467			1.00	$286.70
13 - Sep	MIXED PAPER	MC-38254		1.30MT	$67.60
27 - Sep	DUMP & RETURN W.O# 46123			1.00	$286.70
				SITE TOTAL	$4,823.86
	(0003) **ESCOTT LANDFILL SITE** **227 ESCOTT-ROCKPORT RD, ESCOTT ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
14 - Sep	DUMP & RETURN W.O# 45513			1.00	$286.70
14 - Sep	MIXED PAPER	MC-38267		1.04MT	$54.08

Serv #002 RO RECY PERM 1 - 30YD

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

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TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
14 - Sep	DUMP & RETURN W.O# 45514			1.00	$286.70
14 - Sep	MIXED CONTAINERS	MC-38283		1.38 MT	$71.76
	Serv #003 RO RECY PERM 1 - 30YD				
01 - Sep	DUMP & RETURN W.O# 44803			1.00	$286.70
01 - Sep	MIXED CONTAINERS	MC-38135		1.07 MT	$55.64
14 - Sep	DUMP & RETURN W.O# 45512			1.00	$286.70
14 - Sep	MIXED PAPER	MC-38269		0.93 MT	$48.36
28 - Sep	DUMP & RETURN W.O# 46238			1.00	$286.70
28 - Sep	MIXED CONTAINERS	MC-38407		1.50 MT	$78.00
				SITE TOTAL	$1,741.34
	HST at 13.000% on $15,534.92				$2,019.53
	Material Summary				
	MIXED PAPER			16.22 MT	$843.44
	SCRAP METAL			11.65 MT	($699.00)
	MIXED CONTAINERS			28.54 MT	$1,484.08

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$17,554.45	$25,633.69	$0.00	$0.00

Price Change Notice: Effective October 1, 2022 E360S will be increasing rates by 10% due to increased operating costs.

INVOICE TOTAL	$17,554.45
TOTAL AMOUNT	$43,188.14

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Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont-Manco@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
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BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
04 - Oct	DUMP & RETURN W.O# 46496			1.00	$315.40
04 - Oct	MIXED PAPER	MC-35466		1.05MT	$60.06
07 - Oct	DUMP & RETURN W.O# 46555			1.00	$315.40
07 - Oct	MIXED PAPER	MC-38507		1.01MT	$57.77
11 - Oct	DUMP & RETURN W.O# 46808			1.00	$315.40
11 - Oct	MIXED PAPER	MC-38531		1.12MT	$64.06
14 - Oct	DUMP & RETURN W.O# 46841			1.00	$315.40
14 - Oct	MIXED PAPER	MC-38575		0.66MT	$37.75
18 - Oct	DUMP & RETURN W.O# 47094			1.00	$315.40
18 - Oct	MIXED PAPER	MC-38617		1.17MT	$66.92
25 - Oct	DUMP & RETURN W.O# 47409			1.00	$315.40
25 - Oct	MIXED PAPER	MC-38691		1.70MT	$97.24
28 - Oct	DUMP & RETURN W.O# 47536			1.00	$315.40
28 - Oct	MIXED PAPER	MC-38738		1.40MT	$80.08
	Serv #002 RO RECY PERM 1 - 40YD				
07 - Oct	DUMP & RETURN W.O# 46559			1.00	$315.40
14 - Oct	DUMP & RETURN W.O# 46839			1.00	$315.40
14 - Oct	MIXED CONTAINERS	MC-38579		1.78MT	$101.82

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

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DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
21 - Oct	DUMP & RETURN W.O# 47217			1.00	$315.40
28 - Oct	DUMP & RETURN W.O# 47534			1.00	$315.40
28 - Oct	MIXED PAPER	MC-38731		1.33MT	$76.08
	Serv #003 RO RECY PERM 1 - 40YD				
04 - Oct	DUMP & RETURN W.O# 46497			1.00	$315.40
04 - Oct	MIXED CONTAINERS	MC-38469		1.75MT	$100.10
07 - Oct	DUMP & RETURN W.O# 46558			1.00	$315.40
07 - Oct	MIXED PAPER	MC-38526		2.23MT	$127.56
11 - Oct	DUMP & RETURN W.O# 46809			1.00	$315.40
11 - Oct	MIXED CONTAINERS	MC-38534		1.81MT	$103.53
14 - Oct	DUMP & RETURN W.O# 46840			1.00	$315.40
14 - Oct	MIXED PAPER	MC-38585		1.38MT	$78.94
18 - Oct	DUMP & RETURN W.O# 47095			1.00	$315.40
18 - Oct	MIXED CONTAINERS	MC-38618		1.71MT	$97.81
21 - Oct	DUMP & RETURN W.O# 47218			1.00	$315.40
21 - Oct	MIXED CONTAINERS	MC-38660		2.01MT	$114.97
25 - Oct	DUMP & RETURN W.O# 47410			1.00	$315.40
25 - Oct	MIXED CONTAINERS	MC-38695		1.99MT	$113.83
28 - Oct	DUMP & RETURN W.O# 47535			1.00	$315.40
28 - Oct	MIXED CONTAINERS	MC-38734		2.00MT	$114.40
	Serv #005 RL ORGANIC PERM 12 - 32GA				
12 - Oct	PER LIFT			12.00	$249.60
26 - Oct	PER LIFT			12.00	$249.60

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
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P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #006 RO RECY PERM 1 - 30YD				
07 - Oct	DUMP & RETURN W.O# 46557			1.00	$315.40
07 - Oct	SCRAP METAL	17-159157		3.07MT	($202.62)
21 - Oct	DUMP & RETURN W.O# 47219			1.00	$315.40
21 - Oct	SCRAP METAL	17-00153287		3.81MT	($251.46)
28 - Oct	DUMP & RETURN W.O# 47537			1.00	$315.40
28 - Oct	SCRAP METAL	17-00153758		3.32MT	($219.12)
				SITE TOTAL	$8,257.72
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
03 - Oct	DUMP & RETURN W.O# 46124			1.00	$315.40
03 - Oct	MIXED PAPER	MC-38453		1.17MT	$66.92
14 - Oct	DUMP & RETURN W.O# 46916			1.00	$315.40
14 - Oct	MIXED CONTAINERS	MC-38595		1.23MT	$70.36
24 - Oct	DUMP & RETURN W.O# 47219			1.00	$315.40
24 - Oct	MIXED PAPER	MC-38680		1.21MT	$69.21
	Serv #003 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

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DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
06 - Oct	DUMP & RETURN W.O# 46519			1.00	$315.40
06 - Oct	MIXED CONTAINERS	MC-38492		1.01MT	$57.77
14 - Oct	DUMP & RETURN W.O# 46915			1.00	$315.40
14 - Oct	MIXED PAPER	MC-38588		0.93MT	$53.20
18 - Oct	DUMP & RETURN W.O# 47120			1.00	$315.40
18 - Oct	MIXED CONTAINERS	MC-38627		1.21MT	$69.21
21 - Oct	DUMP & RETURN W.O# 47124			1.00	$315.40
21 - Oct	MIXED CONTAINERS	MC-38657		1.19MT	$68.07
27 - Oct	DUMP & RETURN W.O# 47593			1.00	$315.40
27 - Oct	MIXED CONTAINERS	MC-38719		1.10MT	$62.92
	Serv #004 RL ORGANIC PERM 10 - 32GA				
12 - Oct	PER LIFT			6.00	$124.80
26 - Oct	PER LIFT			5.00	$104.00
	Serv #005 RO RECY PERM 1 - 30YD				
20 - Oct	DUMP & RETURN W.O# 47122			1.00	$315.40
20 - Oct	SCRAP METAL	17-00153330		3.06MT	($201.96)
	Serv #006 RO RECY PERM 1 - 40YD				
07 - Oct	DUMP & RETURN W.O# 46520			1.00	$315.40

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

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P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
				SITE TOTAL	$3,698.50
	(0003)				
	ESCOTT LANDFILL SITE				
	227 ESCOTT-ROCKPORT RD, ESCOTT ON				
	Serv #001 RO RECY PERM 1 - 40YD				
05 - Oct	DUMP & RETURN W.O# 46503			1.00	$315.40
05 - Oct	MIXED PAPER	MC-38482		0.98MT	$56.06
	Serv #002 RO RECY PERM 1 - 30YD				
13 - Oct	DUMP & RETURN W.O# 46874			1.00	$315.40
	Serv #003 RO RECY PERM 1 - 30YD				
12 - Oct	DUMP & RETURN W.O# 46724			1.00	$315.40
12 - Oct	MIXED CONTAINERS	MC-38543		1.33MT	$76.08
25 - Oct	DUMP & RETURN W.O# 47457			1.00	$315.40
25 - Oct	MIXED CONTAINERS	MC-38682		1.16MT	$66.35
	Serv #005 RO RECY PERM 1 - 30YD				
22 - Oct	DUMP & RETURN W.O# 47273			1.00	$315.40
22 - Oct	SCRAP METAL	17-00153350		3.03MT	($199.98)

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 5 of 6
DATE	
CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-354-1822 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000108054
PAGE	Page 6 of 6
DATE	10/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
			SITE TOTAL	$1,575.51
	HST at 13.000% on $13,531.73			$1,759.13
	Material Summary			
	MIXED PAPER		17.34 MT	$991.85
	SCRAP METAL		16.29 MT	($1,075.14)
	MIXED CONTAINERS		21.28 MT	$1,217.22

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$15,290.86	$0.00	$0.00	$0.00

Price Change Notice: Effective October 1, 2022 E360S will be increasing rates by 10% due to increased operating costs.

INVOICE TOTAL	$15,290.86
TOTAL AMOUNT	$15,290.86

INVOICE NO.	MR0000108054
PAGE	Page 6 of 6
DATE	10/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont-Manco@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000110575
PAGE	Page 1 of 6
DATE	11/30/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
01 - Nov	DUMP & RETURN W.O# 47749			1.00	$315.40
01 - Nov	MIXED PAPER	MC-38761		0.82MT	$46.90
08 - Nov	DUMP & RETURN W.O# 48076			1.00	$315.40
08 - Nov	MIXED PAPER	MC-38939		1.28MT	$73.22
15 - Nov	DUMP & RETURN W.O# 48390			1.00	$315.40
15 - Nov	MIXED CONTAINERS	MC-39042		1.75MT	$100.10
22 - Nov	DUMP & RETURN W.O# 48652			1.00	$315.40
22 - Nov	MIXED PAPER	MC-39132		0.95MT	$54.34
29 - Nov	DUMP & RETURN W.O# 48975			1.00	$315.40
29 - Nov	MIXED PAPER	MC-39236		1.73MT	$98.96
	Serv #002 RO RECY PERM 1 - 40YD				
04 - Nov	DUMP & RETURN W.O# 47885			1.00	$315.40
10 - Nov	DUMP & RETURN W.O# 48199			1.00	$315.40
16 - Nov	DUMP & RETURN W.O# 48519			1.00	$315.40
25 - Nov	DUMP & RETURN W.O# 48759			1.00	$315.40
25 - Nov	MIXED CONTAINERS	MC-39191		1.64MT	$93.81
	Serv #003 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 1 of 6
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REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

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TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000110575
PAGE	Page 2 of 6
DATE	11/30/2022
CUSTOMER NO.	MR1273
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Nov	DUMP & RETURN W.O# 47750			1.00	$315.40
01 - Nov	MIXED CONTAINERS	MC-38766		1.70MT	$97.24
04 - Nov	DUMP & RETURN W.O# 47886			1.00	$315.40
04 - Nov	MIXED CONTAINERS	MC-38923		1.89MT	$108.11
08 - Nov	DUMP & RETURN W.O# 48077			1.00	$315.40
08 - Nov	MIXED CONTAINERS	MC-38941		1.47MT	$84.08
10 - Nov	DUMP & RETURN W.O# 48200			1.00	$315.40
10 - Nov	MIXED CONTAINERS	MC-38991		1.48MT	$84.66
15 - Nov	DUMP & RETURN W.O# 48391			1.00	$315.40
15 - Nov	MIXED PAPER	MC-39041		0.96MT	$54.91
16 - Nov	DUMP & RETURN W.O# 48520			1.00	$315.40
16 - Nov	MIXED CONTAINERS	MC-39061		1.38MT	$78.94
22 - Nov	DUMP & RETURN W.O# 48653			1.00	$315.40
22 - Nov	MIXED CONTAINERS	MC-39136		1.85MT	$105.82
25 - Nov	DUMP & RETURN W.O# 48760			1.00	$315.40
25 - Nov	MIXED PAPER	MC-39185		1.56MT	$89.23
29 - Nov	DUMP & RETURN W.O# 48976			1.00	$315.40
29 - Nov	MIXED CONTAINERS	MC-39255		1.25MT	$71.50
	Serv #005 RL ORGANIC PERM 12 - 32GA				
09 - Nov	PER LIFT			12.00	$249.60
23 - Nov	PER LIFT			12.00	$249.60
	Serv #006 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 2 of 6
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CUSTOMER NO.	
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REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

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TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000110575
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
10 - Nov	DUMP & RETURN W.O# 48201			1.00	$315.40
10 - Nov	SCRAP METAL	17-00154448		3.70MT	($244.20)
25 - Nov	DUMP & RETURN W.O# 48761			1.00	$315.40
25 - Nov	SCRAP METAL	17-00155169		4.40MT	($290.40)
	Serv #010 RO RECY PERM 1 - 40YD				
16 - Nov	DUMP & RETURN W.O# 48521			1.00	$315.40
16 - Nov	MIXED PAPER	MC-39056		1.24MT	$70.93
				SITE TOTAL	$7,900.75
	(0002) **LYNDHURST DUMP SITE** **114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON**				
	Serv #001 RO RECY PERM 1 - 40YD				
04 - Nov	DUMP & RETURN W.O# 47810			1.00	$315.40
04 - Nov	MIXED PAPER	MC-38915		0.94MT	$53.77
14 - Nov	DUMP & RETURN W.O# 48304			1.00	$315.40
14 - Nov	MIXED PAPER	MC-39032		1.10MT	$62.92
25 - Nov	DUMP & RETURN W.O# 48723			1.00	$315.40
25 - Nov	MIXED PAPER	MC-39182		0.82MT	$46.90
	Serv #003 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 3 of 6
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REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
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INVOICE NO.	MR0000110575
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Nov	DUMP & RETURN W.O# 47808			1.00	$315.40
01 - Nov	MIXED CONTAINERS	MC-38768		1.12MT	$64.06
08 - Nov	DUMP & RETURN W.O# 48150			1.00	$315.40
08 - Nov	MIXED CONTAINERS	MC-38947		1.24MT	$70.93
11 - Nov	DUMP & RETURN W.O# 48302			1.00	$315.40
11 - Nov	MIXED CONTAINERS	MC-39010		1.01MT	$57.77
17 - Nov	DUMP & RETURN W.O# 48497			1.00	$315.40
17 - Nov	MIXED CONTAINERS	MC-39083		1.13MT	$64.64
24 - Nov	DUMP & RETURN W.O# 48722			1.00	$315.40
24 - Nov	MIXED CONTAINERS	MC-39165		1.06MT	$60.63
30 - Nov	DUMP & RETURN W.O# 49091			1.00	$315.40
30 - Nov	MIXED CONTAINERS	MC-39243		1.06MT	$60.63
	Serv #004 RL ORGANIC PERM 10 - 32GA				
09 - Nov	PER LIFT			6.00	$124.80
23 - Nov	PER LIFT			7.00	$145.60
	Serv #005 RO RECY PERM 1 - 30YD				
08 - Nov	DUMP & RETURN W.O# 48149			1.00	$315.40
08 - Nov	SCRAP METAL	17-00154328		3.45MT	($227.70)
30 - Nov	DUMP & RETURN W.O# 49092			1.00	$315.40
30 - Nov	SCRAP METAL	17-155385		3.89MT	($256.74)
	Serv #006 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 4 of 6
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CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

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INVOICE NO.	MR0000110575
PAGE	Page 5 of 6
DATE	11/30/2022
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
01 - Nov	DUMP & RETURN W.O# 47809			1.00	$315.40
14 - Nov	DUMP & RETURN W.O# 48303			1.00	$315.40
25 - Nov	DUMP & RETURN W.O# 48724			1.00	$315.40
				SITE TOTAL	$4,743.81
	(0003)				
	ESCOTT LANDFILL SITE				
	227 ESCOTT-ROCKPORT RD, ESCOTT ON				
	Serv #001 RO RECY PERM 1 - 40YD				
01 - Nov	DUMP & RETURN W.O# 47827			1.00	$315.40
01 - Nov	MIXED PAPER	MC-38765		1.11MT	$63.49
	Serv #002 RO RECY PERM 1 - 30YD				
29 - Nov	DUMP & RETURN W.O# 49015			1.00	$315.40
	Serv #003 RO RECY PERM 1 - 30YD				
09 - Nov	DUMP & RETURN W.O# 48173			1.00	$315.40
09 - Nov	MIXED CONTAINERS	MC-38972		1.39MT	$79.51
29 - Nov	DUMP & RETURN W.O# 49016			1.00	$315.40
29 - Nov	MIXED CONTAINERS	MC-39217		1.72MT	$98.38

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 5 of 6
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CUSTOMER NO.	
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AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000110575
PAGE	Page 6 of 6
DATE	11/30/2022
CUSTOMER NO.	MR1273
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HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
			SITE TOTAL	$1,502.98
	HST at 13.000% on $14,147.54			$1,839.19
	Material Summary			
	MIXED PAPER		12.51 MT	$715.57
	SCRAP METAL		15.44 MT	($1,019.04)
	MIXED CONTAINERS		24.14 MT	$1,380.81

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$15,986.73	$0.00	$0.00	$0.00

With winter now upon us, we would like to remind our customers that it is their responsibility to ensure snow is removed in and around bins, so we can service.

INVOICE TOTAL	$15,986.73
TOTAL AMOUNT	$15,986.73

INVOICE NO.	MR0000110575
PAGE	Page 6 of 6
DATE	11/30/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000113020
PAGE	Page 1 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	(0001)				
	LANSDOWNE DUMP SITE				
	365 KIDD RD, LANSDOWNE ON				
	Serv #001 RO RECY PERM 1 - 40YD				
02 - Dec	DUMP & RETURN W.O# 49090			1.00	$315.40
02 - Dec	MIXED PAPER	MC-39279		1.53MT	$87.52
06 - Dec	DUMP & RETURN W.O# 49389			1.00	$315.40
06 - Dec	MIXED CONTAINERS	MC-39309		1.44MT	$82.37
13 - Dec	DUMP & RETURN W.O# 49627			1.00	$315.40
13 - Dec	MIXED PAPER	MC-39387		1.21MT	$69.21
20 - Dec	DUMP & RETURN W.O# 49899			1.00	$315.40
20 - Dec	MIXED PAPER	MC-39458		0.83MT	$47.48
27 - Dec	DUMP & RETURN W.O# 50111			1.00	$315.40
27 - Dec	MIXED PAPER	MC-39516		2.24MT	$128.13
	Serv #002 RO RECY PERM 1 - 40YD				
02 - Dec	DUMP & RETURN W.O# 49088			1.00	$315.40
02 - Dec	MIXED PAPER	MC-39271		1.28MT	$73.22
09 - Dec	DUMP & RETURN W.O# 49397			1.00	$315.40
16 - Dec	DUMP & RETURN W.O# 49648			1.00	$315.40
16 - Dec	MIXED CONTAINERS	MC-394430		2.14MT	$122.41
23 - Dec	DUMP & RETURN W.O# 49934			1.00	$315.40
30 - Dec	DUMP & RETURN W.O# 49937			1.00	$315.40

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 1 of 5
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CUSTOMER NO.	
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AMOUNT PAID	

MANCO
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INVOICE

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INVOICE NO.	MR0000113020
PAGE	Page 2 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
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REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	Serv #003 RO RECY PERM 1 - 40YD				
02 - Dec	DUMP & RETURN W.O# 49089			1.00	$315.40
02 - Dec	MIXED CONTAINERS	MC-39275		1.74MT	$99.53
06 - Dec	DUMP & RETURN W.O# 49390			1.00	$315.40
06 - Dec	MIXED PAPER	MC-39300		1.13MT	$64.64
09 - Dec	DUMP & RETURN W.O# 49398			1.00	$315.40
09 - Dec	MIXED CONTAINERS	MC-39359		1.39MT	$79.51
13 - Dec	DUMP & RETURN W.O# 49628			1.00	$315.40
13 - Dec	MIXED CONTAINERS	MC-39393		1.88MT	$107.54
16 - Dec	DUMP & RETURN W.O# 49649			1.00	$315.40
16 - Dec	MIXED PAPER	MC-39433		1.14MT	$65.21
20 - Dec	DUMP & RETURN W.O# 49900			1.00	$315.40
20 - Dec	MIXED CONTAINERS	MC-39462		1.63MT	$93.24
23 - Dec	DUMP & RETURN W.O# 49935			1.00	$315.40
23 - Dec	MIXED CONTAINERS	MC-39503		1.54MT	$88.09
27 - Dec	DUMP & RETURN W.O# 50112			1.00	$315.40
27 - Dec	MIXED CONTAINERS	MC-39517		3.61MT	$206.49
	Serv #005 RL ORGANIC PERM 12 - 32GA				
07 - Dec	PER LIFT			12.00	$249.60
21 - Dec	PER LIFT			10.00	$208.00
	Serv #006 RO RECY PERM 1 - 30YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 2 of 5
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CUSTOMER NO.	
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INVOICE NO.	MR0000113020
PAGE	Page 3 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
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REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
09 - Dec	DUMP & RETURN W.O# 49399			1.00	$315.40
09 - Dec	SCRAP METAL	17-00155877		3.83MT	($252.78)
23 - Dec	DUMP & RETURN W.O# 49936			1.00	$315.40
23 - Dec	SCRAP METAL	17-00156397		4.11MT	($271.26)
	Serv #010 RO RECY PERM 1 - 40YD				
16 - Dec	DUMP & RETURN W.O# 49650			1.00	$315.40
16 - Dec	MIXED PAPER	MC-39442		1.14MT	$65.21
				SITE TOTAL	$8,036.76
	(0002)				
	LYNDHURST DUMP SITE				
	114 TURK ROCK RD AT BRIAR HILL, LYNDHURST ON				
	Serv #001 RO RECY PERM 1 - 40YD				
08 - Dec	DUMP & RETURN W.O# 49311			1.00	$315.40
08 - Dec	MIXED PAPER	MC-39343		1.50MT	$85.80
16 - Dec	DUMP & RETURN W.O# 49587			1.00	$315.40
16 - Dec	MIXED PAPER	MC-39436		0.96MT	$54.91
29 - Dec	DUMP & RETURN W.O# 49865			1.00	$315.40
29 - Dec	MIXED PAPER	MC-39537		1.20MT	$68.64
	Serv #003 RO RECY PERM 1 - 40YD				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
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SITE NO.	
REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
TEL: 613-962-7107 T.F.:800-392-2870 Fax: 613-354-4831
www.mancorecyclingwaste.com

INVOICE NO.	MR0000113020
PAGE	Page 4 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
07 - Dec	DUMP & RETURN W.O# 49310			1.00	$315.40
07 - Dec	MIXED CONTAINERS	MC-39332		1.32MT	$75.50
13 - Dec	DUMP & RETURN W.O# 49586			1.00	$315.40
13 - Dec	MIXED CONTAINERS	MC-39395		1.19MT	$68.07
20 - Dec	DUMP & RETURN W.O# 49864			1.00	$315.40
20 - Dec	MIXED CONTAINERS	MC-39466		1.48MT	$84.66
29 - Dec	DUMP & RETURN W.O# 50241			1.00	$315.40
29 - Dec	MIXED PAPER	MC-39546		1.50MT	$85.80
	Serv #004 RL ORGANIC PERM 10 - 32GA				
07 - Dec	PER LIFT			8.00	$166.40
21 - Dec	PER LIFT			6.00	$124.80
	Serv #006 RO RECY PERM 1 - 40YD				
06 - Dec	DUMP & RETURN W.O# 49312			1.00	$315.40
15 - Dec	DUMP & RETURN W.O# 49712			1.00	$315.40
29 - Dec	DUMP & RETURN W.O# 49866			1.00	$315.40
29 - Dec	MIXED CONTAINERS	MC-39544		2.03MT	$116.12
				SITE TOTAL	$4,084.70
	(0003) **ESCOTT LANDFILL SITE**				

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS

INVOICE TOTAL	
TOTAL AMOUNT	

INVOICE NO.	
PAGE	Page 4 of 5
DATE	
CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

AMOUNT PAID	

MANCO
Recycling Systems, Inc.

INVOICE

P.O. Box 41. 109 Enviro Park Lane. Napanee, ON. K7R 3L4
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INVOICE NO.	MR0000113020
PAGE	Page 5 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

HST 14008 3544 RT 0001

BILL TO:

TOWNSHIP OF LEEDS & THOUSAND ISLANDS
JAMES TUCK
1233 PRINCE ST.
P.O. BOX 280
LANSDOWNE, ON K0E 1L0

DATE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
	227 ESCOTT-ROCKPORT RD, ESCOTT ON				
	Serv #001 RO RECY PERM 1 - 40YD				
01 - Dec	DUMP & RETURN W.O# 49014			1.00	$315.40
21 - Dec	DUMP & RETURN W.O# 49891			1.00	$315.40
21 - Dec	MIXED PAPER	MC-39475		1.26 MT	$72.07
	Serv #003 RO RECY PERM 1 - 30YD				
14 - Dec	DUMP & RETURN W.O# 49662			1.00	$315.40
14 - Dec	MIXED CONTAINERS	MC-39408		1.34 MT	$76.65
				SITE TOTAL	$1,094.92
	HST at 13.000% on $13,216.38				$1,718.13
	Material Summary				
	MIXED PAPER			16.92 MT	$967.84
	SCRAP METAL			7.94 MT	($524.04)
	MIXED CONTAINERS			22.73 MT	$1,300.18

Payment due upon receipt of this invoice 2% per month (24% per annum, compounded monthly effective rate of 26.8% per annum) late charges on balance over 30 days from date of invoice.

CURRENT	31 - 45 DAYS	46 - 60 DAYS	OVER 60 DAYS
$14,934.51	$0.00	$0.00	$0.00

INVOICE TOTAL	$14,934.51
TOTAL AMOUNT	$14,934.51

PRICE CHANGE NOTICE: EFFECTIVE JANUARY 15, 2023, YOU MAY SEE A RATE INCREASE OF 10% DUE TO INCREASED OPERATING COSTS.

INVOICE NO.	MR0000113020
PAGE	Page 5 of 5
DATE	12/31/2022
CUSTOMER NO.	MR1273
SITE NO.	0
REFERENCE NO.	

Please remit payment to:

MANCO RECYCLING SYSTEMS, INC.
50 Mineral Rd
Belleville, ON K8N 4Z5
ar-eastont@e360s.ca

AMOUNT PAID	

Appendix G
Malroz Site Inspections

Lansdowne Site Inspection

Date: May 12, 2022 Time: 12:50

Inspected by: Mallory Wright

Weather Conditions: Sunny (26°C)

Inspection Item	condition	notes
Signage is displayed per section 2 (2) and (3) of the ECA.	Yes	
Was a site attendant present during operational hours of the landfill?	Yes	
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	- dust very hot/dry - litter along west fence and dump out gates on Concession Road
Is windblown litter present at the site? If yes, has a schedule been set for removal?	Yes	
Are brush and clean wood segregated from other wastes?	Yes	
Did any waste burning occur at the site?	No	
Is interim cover being applied to the site?	Yes	

Is the property locked outside of posted hours?	Yes	
Drainage conditions (e.g. ponded water).	Good	
Are surface water features obstructed?	Yes	
Are there seep present?	No	
What is the condition of the methane venting system?	Good	
Was waste observed outside of the approved fill area?	NO	
Condition of the waste cap (Erosion, repairs needed?)	Good	
Were any unapproved wastes deposited or observed at the site?	No	
Are on-site structures in good condition?	Yes	**Attendant Shed Vapour Monitoring** HEX: nr ME: — PID: nr
Other:		

General Comments

M. [illegible]

Signature

Lansdowne Site Inspection

Date: ~~22/10~~ 22/11/03 Time: 3:30pm

Inspected by: Adam Superville

Weather Conditions: Clear

Inspection item	condition	notes
Signage is displayed per section 2 (2) and (3) of the ECA.	Yes	
Was a site attendant present during operational hours of the landfill?	Yes	
Were any hazardous or liquid wastes observed being disposed of at the site?	None	
Are recycling materials being placed in the appropriate bins?	Yes	
Were vermin, vectors, dust or litter present?	None Spotted	Only a couple of seagulls
Is windblown litter present at the site? If yes, has a schedule been set for removal?	Yes	
Are brush and clean wood segregated from other wastes?	Yes	
Did any waste burning occur at the site?	None	
Is interim cover being applied to the site?	Yes	

Is the property locked outside of posted hours?	Yes	
Drainage conditions (e.g. ponded water).	yes	A couple of puddles around site.
Are surface water features obstructed?	No	
Are there seep present?	No	
What is the condition of the methane venting system?	Good Condition	
Was waste observed outside of the approved fill area?	Yes	Piles of garbage down the side road
Condition of the waste cap (Erosion, repairs needed?)	Good	
Were any unapproved wastes deposited or observed at the site?	None seen	
Are on-site structures in good condition?	yes	
Other:		

General Comments

Signature

Appendix H
Laboratory Certificates of Analysis

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108747

REPORT No. B22-13941

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W001	22-W002	22-W004	22-W005
			Sample I.D.		B22-13941-1	B22-13941-2	B22-13941-3	B22-13941-4
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	17-May-22/O	528	411	440	569
pH @25°C	pH Units		SM 4500H	17-May-22/O	8.35	7.98	8.08	8.02
Conductivity @25°C	µmho/cm	1	SM 2510B	17-May-22/O	1410	1120	985	1220
Chloride	mg/L	0.5	SM4110C	16-May-22/O	102	106	54.6	73.1
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.3	< 0.05	< 0.05	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	3.98	4.58	0.47	0.43
Sulphate	mg/L	1	SM4110C	16-May-22/O	76	27	24	13
BOD(5 day)	mg/L	3	SM 5210B	12-May-22/K	< 3	< 3	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	17	20	176	1070
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	0.26	0.02	0.53	0.46
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	0.1	< 0.1	0.2	0.5
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	< 0.01	< 0.01	< 0.01	0.31
Total Dissolved Solids	mg/L	3	SM 2540D	18-May-22/O	764	603	525	656
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	1.6	2.0	4.6	6.7
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	18-May-22/K	12	8	21	27
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	159	469	447	524
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.01	0.05	0.05	0.05
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0020	0.0002	0.0007	0.0002
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.083	0.417	0.558	0.830
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.189	0.040	0.358	0.268
Cadmium	mg/L	0.000015	EPA 200.8	20-May-22/O	0.000070	< 0.000015	< 0.000015	< 0.000015
Calcium	mg/L	0.02	SM 3120	13-May-22/O	25.9	81.2	80.1	80.0
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	0.001	0.003	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001	< 0.0001	0.0008	< 0.0001
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0009	0.0006	0.0015	0.0010
Iron	mg/L	0.005	SM 3120	13-May-22/O	< 0.005	< 0.005	0.014	0.651

Michelle Dubien
Lab Manager

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from

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Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108747

REPORT No. B22-13941

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W001	22-W002	22-W004	22-W005
			Sample I.D.		B22-13941-1	B22-13941-2	B22-13941-3	B22-13941-4
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	0.00004	< 0.00004	0.00005	0.00007
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	23.0	64.8	60.1	78.9
Manganese	mg/L	0.001	SM 3120	13-May-22/O	< 0.001	< 0.001	0.019	0.022
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	13-May-22/O	3.2	1.7	5.1	3.3
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	13-May-22/O	282	63.6	46.9	45.7
Strontium	mg/L	0.001	SM 3120	13-May-22/O	0.528	0.713	2.38	1.97
Uranium	mg/L	0.00005	EPA 200.8	20-May-22/O	0.0362	0.00350	0.00097	0.00008
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0017	0.0006	0.0003	< 0.0001
Zinc	mg/L	0.005	SM 3120	13-May-22/O	< 0.005	< 0.005	< 0.005	< 0.005

Michelle Dubien
Lab Manager

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Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W006	22-W007	22-W008	22-W010
			Sample I.D.		B22-13941-5	B22-13941-6	B22-13941-7	B22-13941-8
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	17-May-22/O	481	255	905	373
pH @25°C	pH Units		SM 4500H	17-May-22/O	7.99	7.78	7.92	7.94
Conductivity @25°C	µmho/cm	1	SM 2510B	17-May-22/O	1090	808	2500	1220
Chloride	mg/L	0.5	SM4110C	16-May-22/O	75.8	45.1	130	170
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05	< 0.05	< 0.5	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05	0.21	1.00	0.45
Sulphate	mg/L	1	SM4110C	16-May-22/O	13	109	353	35
BOD(5 day)	mg/L	3	SM 5210B	12-May-22/K	< 3	< 3	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	1430	7650	396	9
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	1.39	6.84	0.28	0.03
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	1.3	2.7	0.5	< 0.1
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.77	0.04	< 0.01	< 0.01
Total Dissolved Solids	mg/L	3	SM 2540D	18-May-22/O	582	425	1390	660
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	10.8	8.5	7.2	1.5
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	18-May-22/K	84	145	59	6
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	509	314	1200	563
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.06	0.27	0.09	0.06
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0002	0.0005	0.0005	0.0002
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.527	0.061	0.070	0.309
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.060	0.261	1.74	0.046
Cadmium	mg/L	).000015	EPA 200.8	20-May-22/O	< 0.000015	0.000020	< 0.000029	< 0.000015
Calcium	mg/L	0.02	SM 3120	13-May-22/O	104	81.2	248	109
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	< 0.001	0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0001	0.0006	0.0008	0.0002
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0009	0.0039	0.0092	0.0022
Iron	mg/L	0.005	SM 3120	13-May-22/O	2.46	0.282	0.008	0.094

Michelle Dubien
Lab Manager

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Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W006	22-W007	22-W008	22-W010
			Sample I.D.		B22-13941-5	B22-13941-6	B22-13941-7	B22-13941-8
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	0.00005	0.00093	0.00012	0.00010
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	60.6	27.1	140	70.8
Manganese	mg/L	0.001	SM 3120	13-May-22/O	0.083	0.041	0.002	0.064
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	13-May-22/O	3.0	1.0	29.3	2.1
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	13-May-22/O	19.4	56.4	146	39.5
Strontium	mg/L	0.001	SM 3120	13-May-22/O	1.04	0.215	2.51	0.806
Uranium	mg/L	0.00005	EPA 200.8	20-May-22/O	< 0.00005	0.00101	0.0113	0.00286
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0002	0.0029	0.0004	0.0002
Zinc	mg/L	0.005	SM 3120	13-May-22/O	< 0.005	< 0.005	0.016	< 0.005

Michelle Dubien
Lab Manager

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DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W011	22-W012	22-W018	22-W019
			Sample I.D.		B22-13941-9	B22-13941-10	B22-13941-11	B22-13941-12
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	17-May-22/O	373	329	404	404
pH @25°C	pH Units		SM 4500H	17-May-22/O	7.98	8.10	7.90	7.84
Conductivity @25°C	µmho/cm	1	SM 2510B	17-May-22/O	1090	683	1520	1300
Chloride	mg/L	0.5	SM4110C	16-May-22/O	126	15.7	231	84.4
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05	< 0.05	< 0.5	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	0.39	0.05	2.69	26.8
Sulphate	mg/L	1	SM4110C	16-May-22/O	32	26	44	94
BOD(5 day)	mg/L	3	SM 5210B	12-May-22/K	< 3	< 3	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	10100	21	690	36000
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	5.41	0.16	0.07	66.7
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	0.3	< 0.1	0.4	17.9
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.01	< 0.01	0.02	< 0.01
Total Dissolved Solids	mg/L	3	SM 2540D	18-May-22/O	586	355	829	705
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	1.4	3.1	3.2	6.4
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	18-May-22/K	26	5	22	752
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	501	325	601	609
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.04	0.04	0.07	0.08
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0002	0.0003	0.0001	0.0007
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.452	0.139	0.867	0.110
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.060	0.233	0.044	0.045
Cadmium	mg/L	0.000015	EPA 200.8	20-May-22/O	< 0.000015	0.000015	< 0.000015	0.000017
Calcium	mg/L	0.02	SM 3120	13-May-22/O	97.0	71.5	156	152
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	< 0.001	0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0003	0.0001	0.0004	0.0005
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0004	0.0019	0.0020	0.0046

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108747

REPORT No. B22-13941

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W011	22-W012	22-W018	22-W019
			Sample I.D.		B22-13941-9	B22-13941-10	B22-13941-11	B22-13941-12
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	13-May-22/O	0.253	0.031	0.388	0.005
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	< 0.00004	0.00006	< 0.00004	0.00006
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	63.0	35.5	51.3	55.6
Manganese	mg/L	0.001	SM 3120	13-May-22/O	0.125	0.111	0.455	0.422
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	13-May-22/O	2.8	3.1	12.3	6.3
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	13-May-22/O	32.3	29.5	50.0	53.8
Strontium	mg/L	0.001	SM 3120	13-May-22/O	0.857	1.18	0.861	0.774
Uranium	mg/L	0.00005	EPA 200.8	20-May-22/O	0.00308	0.00222	0.00322	0.00353
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0002	0.0007	0.0002	0.0021
Zinc	mg/L	0.005	SM 3120	13-May-22/O	< 0.005	< 0.005	< 0.005	< 0.005

Michelle Dubien
Lab Manager

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C.O.C.: G108747 **REPORT No. B22-13941**

Report To:

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308 Wellington Street, 2nd Floor
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Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
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Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W020			
			Sample I.D.		B22-13941-13			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	17-May-22/O	218			
pH @25°C	pH Units		SM 4500H	17-May-22/O	8.01			
Conductivity @25°C	µmho/cm	1	SM 2510B	17-May-22/O	592			
Chloride	mg/L	0.5	SM4110C	16-May-22/O	6.9			
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05			
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	21.9			
Sulphate	mg/L	1	SM4110C	16-May-22/O	13			
BOD(5 day)	mg/L	3	SM 5210B	12-May-22/K	< 3			
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	1760			
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	0.14			
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	1.7			
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.02			
Total Dissolved Solids	mg/L	3	SM 2540D	18-May-22/O	307			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	9.2			
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001			
COD	mg/L	5	SM5220C	18-May-22/K	39			
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	298			
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.04			
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0003			
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.053			
Boron	mg/L	0.005	SM 3120	13-May-22/O	< 0.005			
Cadmium	mg/L	0.000015	EPA 200.8	20-May-22/O	< 0.000015			
Calcium	mg/L	0.02	SM 3120	13-May-22/O	72.1			
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	< 0.001			
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0002			
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0037			

Michelle Dubien
Lab Manager

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Final Report

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REPORT No. B22-13941

Report To:

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Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W020			
			Sample I.D.		B22-13941-13			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	13-May-22/O	0.006			
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	< 0.00002			
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	28.7			
Manganese	mg/L	0.001	SM 3120	13-May-22/O	< 0.001			
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002			
Potassium	mg/L	0.1	SM 3120	13-May-22/O	0.9			
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001			
Sodium	mg/L	0.2	SM 3120	13-May-22/O	9.2			
Strontium	mg/L	0.001	SM 3120	13-May-22/O	0.311			
Uranium	mg/L	0.00005	EPA 200.8	20-May-22/O	0.00135			
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0018			
Zinc	mg/L	0.005	SM 3120	13-May-22/O	< 0.005			

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Final Report

C.O.C.: G108748

REPORT No. B22-13945

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W017			
			Sample I.D.		B22-13945-1			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	13-May-22/O	420			
pH @25°C	pH Units		SM 4500H	13-May-22/O	8.12			
Conductivity @25°C	µmho/cm	1	SM 2510B	13-May-22/O	1600			
Chloride	mg/L	0.5	SM4110C	18-May-22/O	259			
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05			
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05			
Sulphate	mg/L	1	SM4110C	16-May-22/O	51			
BOD(5 day)	mg/L	3	SM 5210B	12-May-22/K	< 3			
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	< 3			
Phosphorus-Total	mg/L	0.01	E3516.2	13-May-22/K	0.03			
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	13-May-22/K	0.4			
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.15			
Total Dissolved Solids	mg/L	3	SM 2540D	17-May-22/O	875			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	13-May-22/O	1.6			
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001			
COD	mg/L	5	SM5220C	18-May-22/K	14			
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	635			
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.09			
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001			
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.536			
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.216			
Cadmium	mg/L	0.000015	EPA 200.8	20-May-22/O	< 0.000015			
Calcium	mg/L	0.02	SM 3120	13-May-22/O	139			
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	0.119			
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0006			
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0017			
Iron	mg/L	0.005	SM 3120	13-May-22/O	0.019			

Michelle Dubien
Lab Manager

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Final Report

C.O.C.: G108748

REPORT No. B22-13945

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W017			
			Sample I.D.		B22-13945-1			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	0.00017			
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	69.9			
Manganese	mg/L	0.001	SM 3120	13-May-22/O	0.412			
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002			
Potassium	mg/L	0.1	SM 3120	13-May-22/O	5.4			
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001			
Sodium	mg/L	0.2	SM 3120	13-May-22/O	94.1			
Strontium	mg/L	0.001	SM 3120	13-May-22/O	2.28			
Uranium	mg/L	0.00005	EPA 200.8	20-May-22/O	0.00236			
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0004			
Zinc	mg/L	0.005	SM 3120	13-May-22/O	0.009			

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Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W013	22-W014	22-W015	22-W016
			Sample I.D.		B22-13948-1	B22-13948-2	B22-13948-3	B22-13948-4
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	16-May-22/O	248	262	366	273
pH @25°C	pH Units		SM 4500H	16-May-22/O	8.01	8.16	8.05	8.15
Conductivity @25°C	µmho/cm	1	SM 2510B	16-May-22/O	529	764	801	664
Chloride	mg/L	0.5	SM4110C	16-May-22/O	15.2	98.1	29.4	47.1
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	2.01	0.89	7.41	4.24
Sulphate	mg/L	1	SM4110C	16-May-22/O	19	16	25	19
BOD(5 day)	mg/L	3	SM 5210B	13-May-22/K	5	14	< 3	3
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	175	280	14	38
o-Phosphate (P)	mg/L	0.002	PE4500-S	16-May-22/K	0.041	0.041	< 0.002	0.061
Phosphorus-Total	mg/L	0.01	E3516.2	13-May-22/K	0.40	0.86	0.04	0.29
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	13-May-22/K	1.9	4.3	0.3	2.2
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.08	0.07	< 0.01	0.06
Ammonia (N)-unionized	mg/L	0.01	CALC	16-May-22/K	< 0.01	< 0.01	< 0.01	< 0.01
Total Dissolved Solids	mg/L	3	SM 2540D	17-May-22/O	274	400	421	345
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	3.4	9.6	3.2	11.3
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	18-May-22/K	61	135	8	48
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	302	333	402	332
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.12	0.06	0.06	0.06
Arsenic	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0010	0.0013	0.0001	0.0005
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.188	0.140	0.088	0.086
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.105	0.033	0.007	0.043
Cadmium	mg/L	).000015	EPA 200.8	16-May-22/O	0.000204	0.000083	< 0.000015	0.000025
Calcium	mg/L	0.02	SM 3120	13-May-22/O	56.9	73.1	86.3	72.6
Chromium	mg/L	0.001	EPA 200.8	16-May-22/O	0.014	0.011	< 0.001	0.002
Cobalt	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0043	0.0038	0.0001	0.0007

Michelle Dubien
Lab Manager

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Final Report

C.O.C.: G108749

REPORT No. B22-13948

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308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
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Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W013	22-W014	22-W015	22-W016
			Sample I.D.		B22-13948-1	B22-13948-2	B22-13948-3	B22-13948-4
			Date Collected		11-May-22	11-May-22	11-May-22	11-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0136	0.0083	0.0007	0.0022
Iron	mg/L	0.005	SM 3120	13-May-22/O	7.78	6.25	0.100	1.22
Lead	mg/L	0.00002	EPA 200.8	16-May-22/O	0.00391	0.00337	0.00009	0.00051
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	38.9	36.6	45.4	36.6
Manganese	mg/L	0.001	SM 3120	13-May-22/O	0.206	0.521	0.003	0.088
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Nickel	mg/L	0.01	SM 3120	13-May-22/O	< 0.01	< 0.01	< 0.01	< 0.01
Potassium	mg/L	0.1	SM 3120	13-May-22/O	3.6	4.9	0.9	3.1
Silver	mg/L	0.0001	EPA 200.8	16-May-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	13-May-22/O	22.4	39.7	16.4	23.1
Strontium	mg/L	0.001	SM 3120	13-May-22/O	0.450	0.404	0.373	0.341
Vanadium	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0188	0.0145	0.0026	0.0041
Zinc	mg/L	0.005	SM 3120	13-May-22/O	0.042	0.030	< 0.005	0.005

Michelle Dubien
Lab Manager

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Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108749 **REPORT No. B22-13948**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W021			
			Sample I.D.		B22-13948-5			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	16-May-22/O	67			
pH @25°C	pH Units		SM 4500H	16-May-22/O	7.56			
Conductivity @25°C	µmho/cm	1	SM 2510B	16-May-22/O	185			
Chloride	mg/L	0.5	SM4110C	16-May-22/O	14.1			
Nitrite (N)	mg/L	0.05	SM4110C	16-May-22/O	< 0.05			
Nitrate (N)	mg/L	0.05	SM4110C	16-May-22/O	0.09			
Sulphate	mg/L	1	SM4110C	16-May-22/O	7			
BOD(5 day)	mg/L	3	SM 5210B	13-May-22/K	4			
Total Suspended Solids	mg/L	3	SM2540D	17-May-22/K	48			
o-Phosphate (P)	mg/L	0.002	PE4500-S	16-May-22/K	0.315			
Phosphorus-Total	mg/L	0.01	E3516.2	13-May-22/K	0.60			
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	13-May-22/K	2.9			
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	0.16			
Ammonia (N)-unionized	mg/L	0.01	CALC	16-May-22/K	< 0.01			
Total Dissolved Solids	mg/L	3	SM 2540D	17-May-22/O	94			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	16-May-22/O	44.1			
Phenolics	mg/L	0.001	MOEE 3179	17-May-22/K	0.001			
COD	mg/L	5	SM5220C	18-May-22/K	120			
Hardness (as CaCO3)	mg/L	1	SM 3120	13-May-22/O	84			
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.07			
Arsenic	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0014			
Barium	mg/L	0.001	SM 3120	13-May-22/O	0.082			
Boron	mg/L	0.005	SM 3120	13-May-22/O	0.015			
Cadmium	mg/L	).000015	EPA 200.8	16-May-22/O	0.000044			
Calcium	mg/L	0.02	SM 3120	13-May-22/O	18.0			
Chromium	mg/L	0.001	EPA 200.8	16-May-22/O	0.006			
Cobalt	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0021			

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G108749

REPORT No. B22-13948

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 11-May-22
DATE REPORTED: 25-May-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W021			
			Sample I.D.		B22-13948-5			
			Date Collected		11-May-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0067			
Iron	mg/L	0.005	SM 3120	13-May-22/O	3.84			
Lead	mg/L	0.00002	EPA 200.8	16-May-22/O	0.00207			
Magnesium	mg/L	0.02	SM 3120	13-May-22/O	9.41			
Manganese	mg/L	0.001	SM 3120	13-May-22/O	0.109			
Mercury	mg/L	0.00002	SM 3112 B	17-May-22/O	< 0.00002			
Nickel	mg/L	0.01	SM 3120	13-May-22/O	< 0.01			
Potassium	mg/L	0.1	SM 3120	13-May-22/O	4.9			
Silver	mg/L	0.0001	EPA 200.8	16-May-22/O	< 0.0001			
Sodium	mg/L	0.2	SM 3120	13-May-22/O	6.3			
Strontium	mg/L	0.001	SM 3120	13-May-22/O	0.105			
Vanadium	mg/L	0.0001	EPA 200.8	16-May-22/O	0.0118			
Zinc	mg/L	0.005	SM 3120	13-May-22/O	0.016			

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G101073 **REPORT No. B22-14067**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 27-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W022	22-W025	22-W026	22-W027
			Sample I.D.		B22-14067-1	B22-14067-2	B22-14067-3	B22-14067-4
			Date Collected		12-May-22	12-May-22	12-May-22	12-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	18-May-22/O	347	494	803	263
pH @25°C	pH Units		SM 4500H	18-May-22/O	7.92	7.87	7.52	7.97
Conductivity @25°C	µmho/cm	1	SM 2510B	18-May-22/O	691	970	1420	544
Chloride	mg/L	0.5	SM4110C	18-May-22/O	3.7	28.5	15.3	6.0
Nitrite (N)	mg/L	0.05	SM4110C	18-May-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	18-May-22/O	10.1	0.14	0.09	0.05
Sulphate	mg/L	1	SM4110C	18-May-22/O	7	29	21	35
BOD(5 day)	mg/L	3	SM 5210B	13-May-22/K	< 3	5	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	19-May-22/K	1890	34800	6200	1020
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	1.22	27.2	3.42	0.72
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	0.3	13.1	9.8	0.2
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	18-May-22/K	< 0.01	0.21	7.17	0.05
Total Dissolved Solids	mg/L	3	SM 2540D	19-May-22/O	359	517	770	282
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	17-May-22/O	2.3	5.9	12.8	2.6
Phenolics	mg/L	0.001	MOEE 3179	20-May-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	24-May-22/K	< 5	39	108	< 5
Hardness (as CaCO3)	mg/L	1	SM 3120	18-May-22/O	382	515	753	287
Aluminum	mg/L	0.01	SM 3120	18-May-22/O	0.05	0.06	0.09	0.04
Arsenic	mg/L	0.0001	EPA 200.8	24-May-22/O	< 0.0001	0.0007	0.0082	0.0001
Barium	mg/L	0.001	SM 3120	18-May-22/O	0.129	0.442	0.570	0.309
Boron	mg/L	0.005	SM 3120	18-May-22/O	0.005	0.191	0.614	0.106
Cadmium	mg/L	).000015	EPA 200.8	24-May-22/O	0.000178	< 0.000015	< 0.000015	< 0.000015
Calcium	mg/L	0.02	SM 3120	18-May-22/O	90.5	113	192	69.5
Chromium	mg/L	0.001	EPA 200.8	24-May-22/O	0.002	< 0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0013	0.0006	0.0067	0.0001
Copper	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0014	0.0009	0.0008	0.0011
Iron	mg/L	0.005	SM 3120	18-May-22/O	0.008	2.28	18.5	0.442

Michelle Dubien
Lab Manager

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CADUCEON ENVIRONMENTAL LABORATORIES
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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G101073

REPORT No. B22-14067

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 27-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W022	22-W025	22-W026	22-W027
			Sample I.D.		B22-14067-1	B22-14067-2	B22-14067-3	B22-14067-4
			Date Collected		12-May-22	12-May-22	12-May-22	12-May-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	24-May-22/O	0.00009	0.00011	0.00015	0.00011
Magnesium	mg/L	0.02	SM 3120	18-May-22/O	38.0	56.5	66.4	27.6
Manganese	mg/L	0.001	SM 3120	18-May-22/O	0.001	0.139	0.096	0.067
Mercury	mg/L	0.00002	SM 3112 B	18-May-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	18-May-22/O	0.9	2.6	16.5	1.5
Silver	mg/L	0.0001	EPA 200.8	24-May-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	18-May-22/O	12.8	28.4	45.9	14.0
Strontium	mg/L	0.001	SM 3120	18-May-22/O	0.377	1.09	0.964	0.679
Uranium	mg/L	0.00005	EPA 200.8	24-May-22/O	0.00113	0.00085	0.00030	0.00012
Vanadium	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0003	0.0001	0.0007	< 0.0001
Zinc	mg/L	0.005	SM 3120	18-May-22/O	< 0.005	< 0.005	< 0.005	< 0.005

Michelle Dubien
Lab Manager

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Final Report

C.O.C.: G101073 **REPORT No. B22-14067**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 27-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W029	22-W030	22-W031	
			Sample I.D.		B22-14067-5	B22-14067-6	B22-14067-7	
			Date Collected		12-May-22	12-May-22	12-May-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	18-May-22/O	613	637	720	
pH @25°C	pH Units		SM 4500H	18-May-22/O	7.81	7.77	7.43	
Conductivity @25°C	µmho/cm	1	SM 2510B	18-May-22/O	1550	1860	2720	
Chloride	mg/L	0.5	SM4110C	18-May-22/O	37.7	214	503	
Nitrite (N)	mg/L	0.05	SM4110C	18-May-22/O	< 0.05	< 0.05	< 0.05	
Nitrate (N)	mg/L	0.05	SM4110C	18-May-22/O	0.22	< 0.05	0.06	
Sulphate	mg/L	1	SM4110C	18-May-22/O	259	120	53	
BOD(5 day)	mg/L	3	SM 5210B	13-May-22/K	4	< 3	< 3	
Total Suspended Solids	mg/L	3	SM2540D	19-May-22/K	1280	4100	106000	
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	1.12	2.43	59.9	
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	3.9	1.1	3.8	
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	18-May-22/K	0.11	0.03	0.02	
Total Dissolved Solids	mg/L	3	SM 2540D	19-May-22/O	848	1020	1510	
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	17-May-22/O	15.1	3.3	2.3	
Phenolics	mg/L	0.001	MOEE 3179	20-May-22/K	< 0.001	< 0.001	< 0.001	
COD	mg/L	5	SM5220C	24-May-22/K	73	7	1160	
Hardness (as CaCO3)	mg/L	1	SM 3120	18-May-22/O	810	940	1170	
Aluminum	mg/L	0.01	SM 3120	18-May-22/O	0.10	0.12	0.09	
Arsenic	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0004	0.0008	0.0036	
Barium	mg/L	0.001	SM 3120	18-May-22/O	0.153	0.211	0.776	
Boron	mg/L	0.005	SM 3120	18-May-22/O	0.800	0.248	0.038	
Cadmium	mg/L	).000015	EPA 200.8	24-May-22/O	0.000059	< 0.000015	< 0.000029	
Calcium	mg/L	0.02	SM 3120	18-May-22/O	253	212	259	
Chromium	mg/L	0.001	EPA 200.8	24-May-22/O	< 0.001	< 0.001	< 0.001	
Cobalt	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0008	0.0039	0.0047	
Copper	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0045	0.0017	0.0010	
Iron	mg/L	0.005	SM 3120	18-May-22/O	0.030	0.505	5.98	

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Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G101073

REPORT No. B22-14067

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 27-May-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W029	22-W030	22-W031	
			Sample I.D.		B22-14067-5	B22-14067-6	B22-14067-7	
			Date Collected		12-May-22	12-May-22	12-May-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	24-May-22/O	0.00015	0.00027	0.00019	
Magnesium	mg/L	0.02	SM 3120	18-May-22/O	43.2	99.8	126	
Manganese	mg/L	0.001	SM 3120	18-May-22/O	2.38	0.361	1.48	
Mercury	mg/L	0.00002	SM 3112 B	18-May-22/O	< 0.00002	< 0.00002	< 0.00002	
Potassium	mg/L	0.1	SM 3120	18-May-22/O	12.7	2.8	2.2	
Silver	mg/L	0.0001	EPA 200.8	24-May-22/O	< 0.0001	< 0.0001	< 0.0001	
Sodium	mg/L	0.2	SM 3120	18-May-22/O	67.8	65.6	132	
Strontium	mg/L	0.001	SM 3120	18-May-22/O	1.78	0.776	1.34	
Uranium	mg/L	0.00005	EPA 200.8	24-May-22/O	0.00208	0.00396	0.00231	
Vanadium	mg/L	0.0001	EPA 200.8	24-May-22/O	0.0002	0.0003	< 0.0004	
Zinc	mg/L	0.005	SM 3120	18-May-22/O	0.005	0.005	< 0.005	

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G101072

REPORT No. B22-14091

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 01-Jun-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W023	22-W024	22-W028	
			Sample I.D.		B22-14091-1	B22-14091-2	B22-14091-3	
			Date Collected		12-May-22	12-May-22	12-May-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	18-May-22/O	47	80	66	
pH @25°C	pH Units		SM 4500H	18-May-22/O	6.70	6.77	6.65	
Conductivity @25°C	µmho/cm	1	SM 2510B	18-May-22/O	101	168	135	
Chloride	mg/L	0.5	SM4110C	13-May-22/O	< 0.5	1.3	< 0.5	
Nitrite (N)	mg/L	0.05	SM4110C	13-May-22/O	< 0.05	< 0.05	< 0.05	
Nitrate (N)	mg/L	0.05	SM4110C	13-May-22/O	0.12	0.13	0.13	
Sulphate	mg/L	1	SM4110C	13-May-22/O	< 1	3	< 1	
BOD(5 day)	mg/L	3	SM 5210B	16-May-22/K	< 3	< 3	5	
Total Suspended Solids	mg/L	3	SM2540D	19-May-22/K	8	18	300	
o-Phosphate (P)	mg/L	0.002	PE4500-S	16-May-22/K	0.048	0.057	0.074	
Phosphorus-Total	mg/L	0.01	E3516.2	16-May-22/K	0.11	0.12	0.52	
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	16-May-22/K	1.4	1.3	3.4	
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	16-May-22/K	< 0.01	< 0.01	0.13	
Ammonia (N)-unionized	mg/L	0.01	CALC	16-May-22/K	< 0.01	< 0.01	< 0.01	
Total Dissolved Solids	mg/L	3	SM 2540D	19-May-22/O	51	86	68	
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	17-May-22/O	43.8	42.3	42.4	
Phenolics	mg/L	0.001	MOEE 3179	24-May-22/K	< 0.001	< 0.001	< 0.001	
COD	mg/L	5	SM5220C	24-May-22/K	117	104	214	
Hardness (as CaCO3)	mg/L	1	SM 3120	18-May-22/O	52	55	67	
Aluminum	mg/L	0.01	SM 3120	13-May-22/O	0.27	0.23	0.21	
Arsenic	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0010	0.0009	0.0016	
Barium	mg/L	0.001	SM 3120	18-May-22/O	0.028	0.021	0.094	
Boron	mg/L	0.005	SM 3120	18-May-22/O	0.013	0.015	0.023	
Cadmium	mg/L	0.000015	EPA 200.8	20-May-22/O	0.000169	0.000042	0.000303	
Calcium	mg/L	0.02	SM 3120	18-May-22/O	10.2	11.0	14.7	
Chromium	mg/L	0.001	EPA 200.8	20-May-22/O	0.002	0.001	0.007	
Cobalt	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0020	0.0020	0.0031	

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

Michelle Dubien
Lab Manager

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G101072

REPORT No. B22-14091

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Mallory Wright

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 12-May-22
DATE REPORTED: 01-Jun-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W023	22-W024	22-W028	
			Sample I.D.		B22-14091-1	B22-14091-2	B22-14091-3	
			Date Collected		12-May-22	12-May-22	12-May-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0025	0.0013	0.0102	
Iron	mg/L	0.005	SM 3120	18-May-22/O	1.66	1.43	6.17	
Lead	mg/L	0.00002	EPA 200.8	20-May-22/O	0.00065	0.00057	0.00684	
Magnesium	mg/L	0.02	SM 3120	18-May-22/O	6.55	6.73	7.31	
Manganese	mg/L	0.001	SM 3120	18-May-22/O	0.153	0.177	0.141	
Mercury	mg/L	0.00002	SM 3112 B	18-May-22/O	< 0.00002	< 0.00002	< 0.00002	
Nickel	mg/L	0.01	SM 3120	18-May-22/O	< 0.01	< 0.01	< 0.01	
Potassium	mg/L	0.1	SM 3120	18-May-22/O	1.5	1.4	2.2	
Silver	mg/L	0.0001	EPA 200.8	20-May-22/O	< 0.0001	< 0.0001	< 0.0001	
Sodium	mg/L	0.2	SM 3120	18-May-22/O	3.9	4.1	3.9	
Strontium	mg/L	0.001	SM 3120	18-May-22/O	0.110	0.098	0.114	
Vanadium	mg/L	0.0001	EPA 200.8	20-May-22/O	0.0034	0.0022	0.0125	
Zinc	mg/L	0.005	SM 3120	18-May-22/O	0.016	0.012	0.166	

Michelle Dubien
Lab Manager

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

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MALROZ ENGINEERING INC. (Kingston)
ATTN: WILL ARCHER
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Date Received: 13-MAY-22
Report Date: 30-MAY-22 09:04 (MT)
Version: FINAL

Client Phone: 613-548-3446

Certificate of Analysis

Lab Work Order #: L2705974
Project P.O. #: NOT SUBMITTED
Job Reference: 1037
C of C Numbers:
Legal Site Desc:

Costas Farassoglou
Account Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-1 22-W001 Sampled By: CLIENT on 11-MAY-22 @ 09:55 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	0.104	DLHC	0.010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	0.0020		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0080	RRR	0.0080	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-2 22-W002 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-2 22-W002 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
L2705974-3 22-W003 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-3 22-W003 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
L2705974-4 22-W010 Sampled By: CLIENT on 11-MAY-22 @ 14:15 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-4 22-W010 Sampled By: CLIENT on 11-MAY-22 @ 14:15 Matrix: WATER							
Perfluorinated Compounds							
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0020	RRR	0.0020	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	0.0017		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	0.0021		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-5 22-W012 Sampled By: CLIENT on 11-MAY-22 @ 14:25 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	0.0416		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-5 22-W012 Sampled By: CLIENT on 11-MAY-22 @ 14:25 Matrix: WATER							
Perfluorinated Compounds							
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0040	RRR	0.0040	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-6 22-W009 Sampled By: CLIENT on 11-MAY-22 @ 11:45 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0030	DLB	0.0030	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-6 22-W009 Sampled By: CLIENT on 11-MAY-22 @ 11:45 Matrix: WATER							
Perfluorinated Compounds							
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Matrix Spike	N-Et PFO sulfonamidoethanol (EtFOS	K	L2705974-1, -2, -3, -4, -5, -6
Laboratory Control Sample	N-Me PFO sulfonamidoacetic acid(Me	LCS-H	L2705974-1, -2, -3, -4, -5, -6
Laboratory Control Sample	Perfluorohexanoic acid (PFHxA)	LCS-H	L2705974-1, -2, -3, -4, -5, -6
Method Blank	Perfluorooctane sulfonamide (FOSA)	MB-LOR	L2705974-1, -2, -3, -4, -5, -6
Matrix Spike	6:2 Fluorotelomer sulfonic acid(6:2 FT	MS-B	L2705974-1, -2, -3, -4, -5, -6

Sample Parameter Qualifier key listed:

Qualifier	Description
DLB	Detection Limit Raised. Analyte detected at comparable level in Method Blank.
DLHC	Detection Limit Raised: Dilution required due to high concentration of test analyte(s).
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
LCS-H	Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.
MB-LOR	Method Blank exceeds ALS DQO. Limits of Reporting have been adjusted for samples with positive hits below 5x blank level.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RRR	Refer to Report Remarks for issues regarding this analysis

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
PFAS-LL-EX-LCMS-WT	Water	PFC's Low Level by LC/MS-MS	MOECC E3533, E3457, Mod. EPA 537.1

Water sample passed through a solid phase extraction (SPE). Final extract of Perfluorinated compounds are analyzed by LC/MS-MS.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.
mg/kg - milligrams per kilogram based on dry weight of sample
mg/kg wwt - milligrams per kilogram based on wet weight of sample
mg/kg lwt - milligrams per kilogram based on lipid weight of sample
mg/L - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-3	**DUP**	**L2702887-1**						
Perfluorobutane sulfonic acid (PFBS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorobutanoic acid (PFBA)		<0.050	<0.050	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoropentanoic acid (PFPeA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorohexanoic acid (PFHxA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroheptanoic acid (PFHpA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctanoic acid (PFOA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorononanoic acid (PFNA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorodecanoic acid (PFDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorododecanoic acid (PFDoDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctane sulfonamide (FOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
ADONA		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
9Cl-PF3ONS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
11Cl-PF3OUdS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge		<0.040	<0.040	RPD-NA	ug/L	N/A	50	21-MAY-22
Perfluorononane sulfonic acid (PFNS)		<0.0010	<0.0010		ug/L			21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-3	**DUP**	**L2702887-1**						
Perfluorononane sulfonic acid (PFNS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
WG3729807-2	**LCS**							
Perfluorobutane sulfonic acid (PFBS)			118.0		%		50-150	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			140.0		%		50-150	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			119.3		%		50-150	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			113.3		%		50-150	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			120.0		%		50-150	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			81.3		%		50-150	21-MAY-22
Perfluorobutanoic acid (PFBA)			105.0		%		50-150	21-MAY-22
Perfluoropentanoic acid (PFPeA)			144.7		%		50-150	21-MAY-22
Perfluorohexanoic acid (PFHxA)			158.7	LCS-H	%		50-150	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			130.0		%		50-150	21-MAY-22
Perfluorooctanoic acid (PFOA)			132.7		%		50-150	21-MAY-22
Perfluorononanoic acid (PFNA)			146.0		%		50-150	21-MAY-22
Perfluorodecanoic acid (PFDA)			149.3		%		50-150	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			138.0		%		50-150	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			147.3		%		50-150	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			90.7		%		50-150	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			118.7		%		50-150	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			140.0		%		50-150	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			113.3		%		50-150	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			119.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			90.7		%		50-150	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			109.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			156.7	LCS-H	%		50-150	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			127.3		%		50-150	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			108.0		%		50-150	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			136.0		%		50-150	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			134.0		%		50-150	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			74.0		%		50-150	21-MAY-22
ADONA			130.0		%		50-150	21-MAY-22
9Cl-PF3ONS			132.3		%		50-150	21-MAY-22
11Cl-PF3OUdS			69.0		%		50-150	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			95.4		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-2	**LCS**							
Perfluorononane sulfonic acid (PFNS)			117.4		%		50-150	21-MAY-22
WG3729807-1	**MB**							
Perfluorobutane sulfonic acid (PFBS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorobutanoic acid (PFBA)			<0.050		ug/L		0.05	21-MAY-22
Perfluoropentanoic acid (PFPeA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorohexanoic acid (PFHxA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctanoic acid (PFOA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorononanoic acid (PFNA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorodecanoic acid (PFDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			0.0011	MB-LOR	ug/L		0.001	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			<0.0010		ug/L		0.001	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			<0.0010		ug/L		0.001	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			<0.0010		ug/L		0.001	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			<0.0010		ug/L		0.001	21-MAY-22
ADONA			<0.0010		ug/L		0.001	21-MAY-22
9Cl-PF3ONS			<0.0010		ug/L		0.001	21-MAY-22
11Cl-PF3OUdS			<0.0010		ug/L		0.001	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			<0.040		ug/L		0.04	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-1	**MB**							
Perfluorononane sulfonic acid (PFNS)			<0.0010		ug/L		0.001	21-MAY-22
WG3729807-4	**MS**	**L2705974-1**						
Perfluorobutane sulfonic acid (PFBS)			110.7		%		50-150	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			138.0		%		50-150	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			123.3		%		50-150	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			123.3		%		50-150	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			136.0		%		50-150	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			119.3		%		50-150	21-MAY-22
Perfluorobutanoic acid (PFBA)			111.8		%		50-150	21-MAY-22
Perfluoropentanoic acid (PFPeA)			138.0		%		50-150	21-MAY-22
Perfluorohexanoic acid (PFHxA)			148.7		%		50-150	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			130.7		%		50-150	21-MAY-22
Perfluorooctanoic acid (PFOA)			146.0		%		50-150	21-MAY-22
Perfluorononanoic acid (PFNA)			142.0		%		50-150	21-MAY-22
Perfluorodecanoic acid (PFDA)			142.7		%		50-150	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			128.7		%		50-150	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			140.7		%		50-150	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			128.0		%		50-150	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			132.0		%		50-150	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			127.3		%		50-150	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			131.3		%		50-150	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			127.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			51.3		%		50-150	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			163.3	K	%		50-150	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			126.7		%		50-150	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			147.3		%		50-150	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			121.3		%		50-150	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			N/A	MS-B	%		-	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			129.3		%		50-150	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			146.0		%		50-150	21-MAY-22
ADONA			127.9		%		50-150	21-MAY-22
9Cl-PF3ONS			147.9		%		50-150	21-MAY-22
11Cl-PF3OUdS			100.1		%		50-150	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			95.4		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch R5788981								
WG3729807-4	**MS**	**L2705974-1**						
Perfluorononane sulfonic acid (PFNS)			118.9		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8
Contact: WILL ARCHER

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
LCS-H	Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.
MB-LOR	Method Blank exceeds ALS DQO. Limits of Reporting have been adjusted for samples with positive hits below 5x blank level.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

ALS www.alsglobal.com

L2705974-COFC

COC Number: 20 - 1006598

Page of

Report To	Contact and company name below will appear on the final report
Company:	Malroz Engineering Inc
Contact:	Will Archer
Phone:	613-217-9455
	Company address below will appear on the final report
Street:	308 Wellington Street
City/Province:	Kingston, ON
Postal Code:	K7K 7A8
Invoice To	Same as Report To ☑ YES ☐ NO
	Copy of Invoice with Report ☐ YES ☐ NO
Company:	Malroz Engineering Inc
Contact:	Courtney Mahoney

Reports / Recipients

Select Report Format: ☑ PDF ☑ EXCEL ☐ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☑ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: archer@malroz.com

Email 2: mwright@malroz.com

Email 3: pyke@malroz.com

Invoice Recipients

Select Invoice Distribution: ☑ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: archer@malroz.com

Email 2: mahoney@malroz.com

Turnaround Time (TAT) Requested

☒ Routine [R] if received by 3pm M-F - no surcharges apply

☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimum

☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum

☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum

☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum

☐ Same day [E2] if received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Project Information

ALS Account # / Quote #: 18806 / Q77378

Job #: 1037

PO / AFE:

LSD: NO

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#:

Major/Minor Code: Routing Code:

Requisitioner:

Location:

ALS Lab Work Order # (ALS use only): L2705974

ALS Contact: Costas F

Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	PFAS-LL-EX-LCMS/MT	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	22-W001	11-05-22	09:55	GW	3	X			
	22-W002	11-05-22	11:32	GW	3	X			
	22-W003	11-05-22	11:32	GW	3	X			
	22-W010	11-05-22	14:15	GW	3	X			
	22-W012	11-05-22	14:25	GW	3	X			
	22-W009	11-05-22	11:45	GW	3	X			

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☑ NO

Are samples for human consumption/ use? ☐ YES ☑ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☑ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
				0.5			

SHIPMENT RELEASE (client use)

Released by: [signature] Date: 12-05-22 Time: 10:45

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by: Date: Time:

FINAL SHIPMENT RECEPTION (ALS use only)

Received by: BB Date: MAY 13/22 Time: 9:06

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

AUG 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G109562 **REPORT No. B22-33667**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W032	22-W033	22-W053	22-W054
			Sample I.D.		B22-33667-1	B22-33667-2	B22-33667-3	B22-33667-4
			Date Collected		31-Oct-22	31-Oct-22	02-Nov-22	02-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	08-Nov-22/O	196	258	236	67
pH @25°C	pH Units		SM 4500H	08-Nov-22/O	7.78	7.98	7.79	7.23
Conductivity @25°C	µmho/cm	1	SM 2510B	08-Nov-22/O	445	906	780	236
Chloride	mg/L	0.5	SM4110C	17-Nov-22/O	5.3	115	79.9	20.4
Nitrite (N)	mg/L	0.05	SM4110C	17-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	17-Nov-22/O	2.17	< 0.05	< 0.05	0.21
Sulphate	mg/L	1	SM4110C	17-Nov-22/O	22	32	37	14
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	4	7	< 3	7
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	102	1010	4	35
o-Phosphate (P)	mg/L	0.002	PE4500-S	07-Dec-22/K	0.061	0.093	0.087	0.176
Phosphorus-Total	mg/L	0.01	E3516.2	14-Nov-22/K	0.29	0.29	0.22	0.46
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	14-Nov-22/K	2.0	1.3	1.3	2.5
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.17	0.05	0.09	0.23
Ammonia (N)-unionized	mg/L	0.01	CALC	14-Nov-22/K	< 0.01	< 0.01	< 0.01	0.03
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	23.5	4.3	7.7	19.5
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	230	480	409	121
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	08-Nov-22/K	72	44	38	95
Hardness (as CaCO3)	mg/L	1	SM 3120	16-Nov-22/O	227	354	285	111
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.09	0.06	0.07	0.05
Arsenic	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0006	0.0006	0.0006	0.0011
Barium	mg/L	0.001	SM 3120	16-Nov-22/O	0.115	0.129	0.099	0.128
Boron	mg/L	0.005	SM 3120	16-Nov-22/O	0.029	0.021	0.029	0.042
Cadmium	mg/L	).000015	EPA 200.8	16-Nov-22/O	0.000072	0.000032	0.000029	0.000082
Calcium	mg/L	0.02	SM 3120	16-Nov-22/O	48.9	79.4	64.0	23.6
Chromium	mg/L	0.001	EPA 200.8	16-Nov-22/O	0.006	0.004	0.003	0.008
Cobalt	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0020	0.0017	0.0011	0.0027

Michelle Dubien
Lab Manager

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G109562

REPORT No. B22-33667

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W032	22-W033	22-W053	22-W054
			Sample I.D.		B22-33667-1	B22-33667-2	B22-33667-3	B22-33667-4
			Date Collected		31-Oct-22	31-Oct-22	02-Nov-22	02-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0070	0.0044	0.0037	0.0093
Iron	mg/L	0.005	SM 3120	16-Nov-22/O	3.95	3.06	1.67	5.47
Lead	mg/L	0.00002	EPA 200.8	16-Nov-22/O	0.00144	0.00115	0.00074	0.00275
Magnesium	mg/L	0.02	SM 3120	16-Nov-22/O	25.4	37.8	30.5	12.6
Manganese	mg/L	0.001	SM 3120	16-Nov-22/O	0.094	0.243	0.111	0.146
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Nickel	mg/L	0.01	SM 3120	16-Nov-22/O	< 0.01	< 0.01	< 0.01	< 0.01
Potassium	mg/L	0.1	SM 3120	16-Nov-22/O	3.1	3.4	3.5	7.2
Silver	mg/L	0.0001	EPA 200.8	16-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	16-Nov-22/O	10.2	51.8	33.2	9.1
Strontium	mg/L	0.001	SM 3120	16-Nov-22/O	0.306	0.466	0.330	0.135
Vanadium	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0091	0.0063	0.0045	0.0129
Zinc	mg/L	0.005	SM 3120	16-Nov-22/O	0.030	0.020	0.013	0.042

Michelle Dubien
Lab Manager

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from

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Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G109562 **REPORT No. B22-33667**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W055	22-W056	22-W057	22-W059
			Sample I.D.		B22-33667-5	B22-33667-6	B22-33667-7	B22-33667-8
			Date Collected		02-Nov-22	02-Nov-22	02-Nov-22	02-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	08-Nov-22/O	381	446	38	130
pH @25°C	pH Units		SM 4500H	08-Nov-22/O	7.92	7.84	6.85	7.88
Conductivity @25°C	µmho/cm	1	SM 2510B	08-Nov-22/O	917	1400	95	325
Chloride	mg/L	0.5	SM4110C	17-Nov-22/O	46.4	143	2.5	7.4
Nitrite (N)	mg/L	0.05	SM4110C	17-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate (N)	mg/L	0.05	SM4110C	17-Nov-22/O	1.27	0.12	0.15	0.13
Sulphate	mg/L	1	SM4110C	17-Nov-22/O	24	66	2	26
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	5	4	< 3
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	8	74	32	< 3
o-Phosphate (P)	mg/L	0.002	PE4500-S	07-Dec-22/K	0.011	0.474	0.055	0.013
Phosphorus-Total	mg/L	0.01	E3516.2	14-Nov-22/K	0.05	1.36	0.85	0.05
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	14-Nov-22/K	0.5	4.8	4.8	1.2
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	< 0.01	1.40	0.25	0.05
Ammonia (N)-unionized	mg/L	0.01	CALC	14-Nov-22/K	< 0.01	0.01	0.07	< 0.01
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	1.8	14.9	79.7	20.9
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	487	762	48	167
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	< 0.001	< 0.001	0.004
COD	mg/L	5	SM5220C	08-Nov-22/K	5	146	220	50
Hardness (as CaCO3)	mg/L	1	SM 3120	16-Nov-22/O	445	544	56	152
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.05	0.07	0.44	0.04
Arsenic	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0001	0.0016	0.0011	0.0004
Barium	mg/L	0.001	SM 3120	16-Nov-22/O	0.118	0.168	0.051	0.058
Boron	mg/L	0.005	SM 3120	16-Nov-22/O	< 0.005	0.074	0.013	0.014
Cadmium	mg/L	).000015	EPA 200.8	16-Nov-22/O	< 0.000015	< 0.000015	0.000135	0.000032
Calcium	mg/L	0.02	SM 3120	16-Nov-22/O	94.3	134	11.7	28.3
Chromium	mg/L	0.001	EPA 200.8	16-Nov-22/O	0.001	< 0.001	0.004	0.001
Cobalt	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0002	0.0011	0.0023	0.0003

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G109562

REPORT No. B22-33667

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W055	22-W056	22-W057	22-W059
			Sample I.D.		B22-33667-5	B22-33667-6	B22-33667-7	B22-33667-8
			Date Collected		02-Nov-22	02-Nov-22	02-Nov-22	02-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0007	0.0015	0.0064	0.0037
Iron	mg/L	0.005	SM 3120	16-Nov-22/O	0.082	3.21	4.00	0.361
Lead	mg/L	0.00002	EPA 200.8	16-Nov-22/O	0.00005	0.00033	0.00332	0.00019
Magnesium	mg/L	0.02	SM 3120	16-Nov-22/O	50.9	50.8	6.58	19.8
Manganese	mg/L	0.001	SM 3120	16-Nov-22/O	0.005	0.825	0.160	0.007
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	0.00002	< 0.00002
Nickel	mg/L	0.01	SM 3120	16-Nov-22/O	< 0.01	< 0.01	< 0.01	< 0.01
Potassium	mg/L	0.1	SM 3120	16-Nov-22/O	0.8	54.0	3.7	2.5
Silver	mg/L	0.0001	EPA 200.8	16-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	16-Nov-22/O	20.7	60.0	3.4	10.7
Strontium	mg/L	0.001	SM 3120	16-Nov-22/O	0.433	1.49	0.081	0.282
Vanadium	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0025	0.0016	0.0069	0.0015
Zinc	mg/L	0.005	SM 3120	16-Nov-22/O	0.006	0.013	0.069	0.017

Michelle Dubien
Lab Manager

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Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W061			
			Sample I.D.		B22-33667-9			
			Date Collected		02-Nov-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	08-Nov-22/O	66			
pH @25°C	pH Units		SM 4500H	08-Nov-22/O	7.29			
Conductivity @25°C	µmho/cm	1	SM 2510B	08-Nov-22/O	161			
Chloride	mg/L	0.5	SM4110C	17-Nov-22/O	3.9			
Nitrite (N)	mg/L	0.05	SM4110C	17-Nov-22/O	< 0.05			
Nitrate (N)	mg/L	0.05	SM4110C	17-Nov-22/O	0.14			
Sulphate	mg/L	1	SM4110C	17-Nov-22/O	7			
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3			
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	< 3			
o-Phosphate (P)	mg/L	0.002	PE4500-S	07-Dec-22/K	0.023			
Phosphorus-Total	mg/L	0.01	E3516.2	14-Nov-22/K	0.10			
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	14-Nov-22/K	2.3			
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.08			
Ammonia (N)-unionized	mg/L	0.01	CALC	14-Nov-22/K	< 0.01			
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	74.8			
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	82			
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	0.001			
COD	mg/L	5	SM5220C	08-Nov-22/K	199			
Hardness (as CaCO3)	mg/L	1	SM 3120	16-Nov-22/O	79			
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.33			
Arsenic	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0008			
Barium	mg/L	0.001	SM 3120	16-Nov-22/O	0.050			
Boron	mg/L	0.005	SM 3120	16-Nov-22/O	< 0.005			
Cadmium	mg/L	).000015	EPA 200.8	16-Nov-22/O	0.000042			
Calcium	mg/L	0.02	SM 3120	16-Nov-22/O	15.1			
Chromium	mg/L	0.001	EPA 200.8	16-Nov-22/O	0.002			
Cobalt	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0005			

Michelle Dubien
Lab Manager

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Caduceon Environmental Laboratories
285 Dalton Ave
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Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 08-Dec-22
SAMPLE MATRIX: Surface Water

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W061			
			Sample I.D.		B22-33667-9			
			Date Collected		02-Nov-22			
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Copper	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0041			
Iron	mg/L	0.005	SM 3120	16-Nov-22/O	1.21			
Lead	mg/L	0.00002	EPA 200.8	16-Nov-22/O	0.00043			
Magnesium	mg/L	0.02	SM 3120	16-Nov-22/O	10.1			
Manganese	mg/L	0.001	SM 3120	16-Nov-22/O	0.017			
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002			
Nickel	mg/L	0.01	SM 3120	16-Nov-22/O	< 0.01			
Potassium	mg/L	0.1	SM 3120	16-Nov-22/O	1.9			
Silver	mg/L	0.0001	EPA 200.8	16-Nov-22/O	< 0.0001			
Sodium	mg/L	0.2	SM 3120	16-Nov-22/O	5.6			
Strontium	mg/L	0.001	SM 3120	16-Nov-22/O	0.144			
Vanadium	mg/L	0.0001	EPA 200.8	16-Nov-22/O	0.0028			
Zinc	mg/L	0.005	SM 3120	16-Nov-22/O	0.016			

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Lab Manager

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Final Report

C.O.C.: G102801 **REPORT No. B22-33671**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W034	22-W035	22-W036	22-W037
			Sample I.D.		B22-33671-1	B22-33671-2	B22-33671-3	B22-33671-4
			Date Collected		31-Oct-22	31-Oct-22	31-Oct-22	31-Oct-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	398	398	504	566
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	7.91	7.86	8.27	7.97
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	1120	1140	1400	1220
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	109	115	122	63.2
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	5.12	5.38	3.38	< 0.05
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	27	28	61	26
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	< 3	< 3	4
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	6	8	10	13
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	0.02	0.02	0.04	0.06
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	0.2	0.2	0.2	0.8
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.04	0.04	0.04	0.32
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	604	611	762	658
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	1.4	0.6	0.4	4.4
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	0.001	< 0.001	0.003	< 0.001
COD	mg/L	5	SM5220C	08-Nov-22/K	< 5	< 5	< 5	21
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	466	461	127	575
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.02	0.02	< 0.01	0.03
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0002	0.0031	0.0002
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.447	0.443	0.081	0.923
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.053	0.051	0.141	0.325
Cadmium	mg/L	0.000010	EPA 200.8	17-Nov-22/O	< 0.000012	< 0.000012	0.000041	< 0.000012
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	77.6	77.2	19.6	89.7
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	0.002	0.003	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0005	0.0003	0.0016	< 0.0001
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	< 0.005	< 0.005	0.758

Michelle Dubien
Lab Manager

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Final Report

C.O.C.: G102801 **REPORT No. B22-33671**

Report To:

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Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
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Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W034	22-W035	22-W036	22-W037
			Sample I.D.		B22-33671-1	B22-33671-2	B22-33671-3	B22-33671-4
			Date Collected		31-Oct-22	31-Oct-22	31-Oct-22	31-Oct-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	0.00006	< 0.00004	0.00018	< 0.00004
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	66.1	65.2	18.9	85.4
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	< 0.001	< 0.001	< 0.001	0.024
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	2.1	2.1	2.5	3.6
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	61.0	60.3	273	51.8
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	0.746	0.736	0.533	2.22
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0006	0.0007	0.0018	< 0.0001
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00324	0.00331	0.0281	0.00012
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	< 0.005	< 0.005	< 0.005

1 . Elevated RLs due to sample matrix interfrences

Michelle Dubien
Lab Manager

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DATE RECEIVED: 03-Nov-22
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SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W038	22-W039	22-W040	22-W041
			Sample I.D.		B22-33671-5	B22-33671-6	B22-33671-7	B22-33671-8
			Date Collected		31-Oct-22	31-Oct-22	31-Oct-22	31-Oct-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	441	483	215	367
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	7.97	7.99	7.69	7.92
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	1000	1110	738	1130
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	80.4	91.1	45.0	152
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	17	18	122	39
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	6	4	< 3
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	15	4640	2870	9
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	0.17	2.23	2.02	0.03
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	0.3	3.1	1.7	0.2
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.06	0.77	0.15	0.03
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	534	597	385	605
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	3.0	6.0	7.0	< 0.2
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	0.002	< 0.001	< 0.001
COD	mg/L	5	SM5220C	08-Nov-22/K	5	112	83	< 5
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	450	565	263	506
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.02	0.05	0.05	0.03
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0006	0.0002	0.0005	0.0002
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.477	0.610	0.056	0.297
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.369	0.079	0.246	0.058
Cadmium	mg/L	).000010	EPA 200.8	17-Nov-22/O	< 0.000010	< 0.000012	< 0.000010	< 0.000012
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	77.0	107	65.7	95.1
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0001	0.0004	< 0.0001
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0014	0.0002	0.0031	0.0016
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	0.036	1.79	0.189	< 0.005

Michelle Dubien
Lab Manager

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DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W038	22-W039	22-W040	22-W041
			Sample I.D.		B22-33671-5	B22-33671-6	B22-33671-7	B22-33671-8
			Date Collected		31-Oct-22	31-Oct-22	31-Oct-22	31-Oct-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	0.00004	< 0.00004	0.00021	0.00008
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	62.6	72.7	24.0	65.3
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	0.017	0.064	0.051	0.012
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	5.1	3.3	1.1	2.5
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	44.3	22.4	51.0	37.0
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	2.41	1.22	0.182	0.750
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0002	0.0016	0.0007
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00083	0.00005	0.00082	0.00256
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	< 0.005	< 0.005	< 0.005

1 . Elevated RLs due to sample matrix interfrences

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G102801 **REPORT No. B22-33671**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W042	22-W043	22-W044	22-W045
			Sample I.D.		B22-33671-9	B22-33671-10	B22-33671-11	B22-33671-12
			Date Collected		31-Oct-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	359	820	477	728
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	7.93	7.81	7.41	7.38
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	1140	2320	1550	2710
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	160	168	52.5	510
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	0.44	< 0.05
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	37	397	393	72
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	< 3	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	18	252	8	32600
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	0.02	0.09	0.05	5.96
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	0.2	0.8	1.2	1.5
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.06	0.05	0.07	0.18
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	611	1290	845	1510
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	0.7	3.7	11.3	0.4
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	< 0.001	< 0.001	< 0.001
COD	mg/L	5	SM5220C	08-Nov-22/K	< 5	45	36	163
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	511	1170	734	1170
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.02	0.08	0.07	0.07
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0005	0.0004	0.0048
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.470	0.065	0.161	0.739
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.064	1.84	1.06	0.056
Cadmium	mg/L	0.000010	EPA 200.8	17-Nov-22/O	< 0.000012	0.000124	0.000046	< 0.000029
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	95.0	233	230	246
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0001	0.0011	0.0004	0.0046
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	0.0078	0.0053	< 0.0002

Michelle Dubien
Lab Manager

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Final Report

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DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W042	22-W043	22-W044	22-W045
			Sample I.D.		B22-33671-9	B22-33671-10	B22-33671-11	B22-33671-12
			Date Collected		31-Oct-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	0.563	< 0.005	0.009	6.38
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	0.00004	0.00013	0.00013	< 0.00009
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	66.5	143	38.7	134
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	0.110	0.410	0.143	1.44
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	2.9	31.9	16.4	2.6
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	32.7	133	62.4	127
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	0.887	2.02	1.84	1.42
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	0.0004	0.0001	< 0.0004
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00285	0.00778	0.00198	0.00310
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	0.016	< 0.005	< 0.005

1. Elevated RLs due to sample matrix interfrences

Michelle Dubien
Lab Manager

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DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W046	22-W047	22-W048	22-W049
			Sample I.D.		B22-33671-13	B22-33671-14	B22-33671-15	B22-33671-16
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	398	601	399	150
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	7.70	7.55	7.62	7.84
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	1380	1770	1360	522
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	196	219	135	5.7
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	2.36	< 0.05	16.3	24.3
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	58	120	125	15
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	< 3	< 3	< 3
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	286	5420	1000	350
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	0.25	2.48	0.86	0.46
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	0.7	1.6	1.4	1.6
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.07	0.11	0.08	0.09
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	749	968	740	270
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	1.6	0.9	3.8	11.1
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	< 0.001	< 0.001	0.054
COD	mg/L	5	SM5220C	08-Nov-22/K	13	79	52	58
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	556	850	556	235
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.05	0.15	0.05	0.04
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0001	0.0007	0.0007	0.0004
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.784	0.177	0.123	0.042
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.056	0.240	0.064	0.005
Cadmium	mg/L	0.000010	EPA 200.8	17-Nov-22/O	< 0.000012	< 0.000012	0.000015	0.000011
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	140	182	134	54.8
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0004	0.0032	0.0003	0.0003
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0016	0.0015	0.0052	0.0050

Michelle Dubien
Lab Manager

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Final Report

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Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W046	22-W047	22-W048	22-W049
			Sample I.D.		B22-33671-13	B22-33671-14	B22-33671-15	B22-33671-16
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	0.384	0.694	0.009	0.022
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	< 0.00004	0.00029	0.00012	0.00008
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	50.1	96.2	54.0	24.0
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	0.450	0.375	0.120	< 0.001
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	13.1	3.4	7.2	1.2
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	55.2	58.5	66.8	8.9
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	0.829	0.734	0.804	0.265
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0006	0.0021	0.0020
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00313	0.00503	0.00388	0.00076
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	< 0.005	< 0.005	< 0.005

1. Elevated RLs due to sample matrix interfrences

Michelle Dubien
Lab Manager

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SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W050	22-W051	22-W052	22-W058
			Sample I.D.		B22-33671-17	B22-33671-18	B22-33671-19	B22-33671-20
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	334	747	254	637
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	7.80	7.28	7.94	7.63
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	707	1400	550	1280
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	2.1	14.9	4.7	51.6
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	10.7	< 0.05	< 0.05	< 0.05
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	< 0.05
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	7	24	40	33
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	< 3	< 3	9
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	4530	4920	598	85500
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	1.97	2.26	0.56	27.6
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	1.3	8.9	0.2	13.0
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.06	6.76	0.09	0.36
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	367	761	285	690
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	1.9	10.5	2.2	4.8
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	0.010	0.008	0.004	0.003
COD	mg/L	5	SM5220C	08-Nov-22/K	58	95	< 5	1420
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	357	670	266	637
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.03	0.06	0.02	0.06
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	0.0076	0.0001	0.0009
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.125	0.515	0.291	0.578
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.013	0.630	0.118	0.316
Cadmium	mg/L	).000010	EPA 200.8	17-Nov-22/O	0.000174	< 0.000012	< 0.000010	< 0.000012
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	81.3	165	61.8	131
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	0.002	< 0.001	< 0.001	< 0.001
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0015	0.0063	< 0.0001	0.0007
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0005	< 0.0001	< 0.0001	0.0001

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Lab Manager

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SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W050	22-W051	22-W052	22-W058
			Sample I.D.		B22-33671-17	B22-33671-18	B22-33671-19	B22-33671-20
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	01-Nov-22
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	14.8	0.474	3.39
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	< 0.00002	< 0.00004	< 0.00002	0.00007
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	37.5	62.8	27.2	75.2
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	0.008	0.087	0.069	0.154
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	1.2	16.9	1.8	3.3
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	13.3	41.6	14.2	39.0
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	0.377	0.905	0.666	1.57
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0004	0.0007	< 0.0001	0.0002
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00134	0.00042	0.00015	0.00118
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	< 0.005	< 0.005	< 0.005

1 . Elevated RLs due to sample matrix interfrences

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Lab Manager

R.L. = Reporting Limit
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Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

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CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G102801 **REPORT No. B22-33671**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W060	22-W062	22-W063	
			Sample I.D.		B22-33671-21	B22-33671-22	B22-33671-23	
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	09-Nov-22/O	346	399	24	
pH @25°C	pH Units		SM 4500H	09-Nov-22/O	8.08	7.97	7.12	
Conductivity @25°C	µmho/cm	1	SM 2510B	09-Nov-22/O	635	1470	46	
Chloride	mg/L	0.5	SM4110C	16-Nov-22/O	0.9	254	< 0.5	
Nitrate (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	
Nitrite (N)	mg/L	0.05	SM4110C	16-Nov-22/O	< 0.05	< 0.05	< 0.05	
Sulphate	mg/L	1	SM4110C	16-Nov-22/O	1	51	< 1	
BOD(5 day)	mg/L	3	SM 5210B	10-Nov-22/K	< 3	< 3	< 3	
Total Suspended Solids	mg/L	3	SM2540D	10-Nov-22/K	16300	16	< 3	
Phosphorus-Total	mg/L	0.01	E3516.2	23-Nov-22/K	2.36	0.01	0.04	
Total Kjeldahl Nitrogen	mg/L	0.1	E3516.2	23-Nov-22/K	< 1	0.3	< 0.1	
Ammonia (N)-Total	mg/L	0.01	SM4500-NH3-H	14-Nov-22/K	0.14	0.04	0.04	
Total Dissolved Solids	mg/L	3	SM 2540D	10-Nov-22/O	330	801	23	
Dissolved Organic Carbon	mg/L	0.2	EPA 415.2	09-Nov-22/O	8.2	0.7	2.3	
Phenolics	mg/L	0.001	MOEE 3179	06-Dec-22/K	< 0.001	< 0.001	< 0.001	
COD	mg/L	5	SM5220C	08-Nov-22/K	45	6	< 5	
Hardness (as CaCO3)	mg/L	1	SM 3120	17-Nov-22/O	290	551	21	
Aluminum	mg/L	0.01	SM 3120	17-Nov-22/O	0.01	0.04	0.06	
Arsenic	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0005	< 0.0001	< 0.0001	
Barium	mg/L	0.001	SM 3120	17-Nov-22/O	0.735	0.458	0.001	
Boron	mg/L	0.005	SM 3120	17-Nov-22/O	0.189	0.192	< 0.005	
Cadmium	mg/L	).000010	EPA 200.8	17-Nov-22/O	< 0.000010	< 0.000012	< 0.000010	
Calcium	mg/L	0.02	SM 3120	17-Nov-22/O	41.2	116	7.22	
Chromium	mg/L	0.001	EPA 200.8	17-Nov-22/O	< 0.001	< 0.001	< 0.001	
Cobalt	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0002	0.0004	< 0.0001	
Copper	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0037	0.0056	0.0002	

Michelle Dubien
Lab Manager

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: G102801 **REPORT No. B22-33671**

Report To:

Malroz Engineering Inc.
308 Wellington Street, 2nd Floor
Kingston ON K7K 7A8 Canada
Attention: Adam Superville

Caduceon Environmental Laboratories
285 Dalton Ave
Kingston Ontario K7K 6Z1
Tel: 613-544-2001
Fax: 613-544-2770

DATE RECEIVED: 03-Nov-22
DATE REPORTED: 07-Dec-22
SAMPLE MATRIX: Groundwater

JOB/PROJECT NO.: 1037-Lansdowne
P.O. NUMBER:
WATERWORKS NO.

			Client I.D.		22-W060	22-W062	22-W063	
			Sample I.D.		B22-33671-21	B22-33671-22	B22-33671-23	
			Date Collected		01-Nov-22	01-Nov-22	01-Nov-22	
Parameter	**Units**	**R.L.**	**Reference Method**	**Date/Site Analyzed**				
Iron	mg/L	0.005	SM 3120	17-Nov-22/O	0.012	< 0.005	< 0.005	
Lead	mg/L	0.00002	EPA 200.8	17-Nov-22/O	0.00010	0.00022	< 0.00002	
Magnesium	mg/L	0.02	SM 3120	17-Nov-22/O	45.4	63.4	0.74	
Manganese	mg/L	0.001	SM 3120	17-Nov-22/O	0.018	0.294	< 0.001	
Mercury	mg/L	0.00002	SM 3112 B	10-Nov-22/O	< 0.00002	< 0.00002	< 0.00002	
Potassium	mg/L	0.1	SM 3120	17-Nov-22/O	2.9	5.4	0.2	
Silver	mg/L	0.0001	EPA 200.8	17-Nov-22/O	< 0.0001	< 0.0001	< 0.0001	
Sodium	mg/L	0.2	SM 3120	17-Nov-22/O	28.8	88.1	0.3	
Strontium	mg/L	0.001	SM 3120	17-Nov-22/O	1.24	2.03	0.012	
Vanadium	mg/L	0.0001	EPA 200.8	17-Nov-22/O	0.0003	0.0005	0.0003	
Uranium	mg/L	0.00005	EPA 200.8	17-Nov-22/O	0.00007	0.00218	< 0.00005	
Zinc	mg/L	0.005	SM 3120	17-Nov-22/O	< 0.005	0.182	< 0.005	

1. Elevated RLs due to sample matrix interfrences

Michelle Dubien
Lab Manager

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MALROZ ENGINEERING INC. (Kingston)
ATTN: WILL ARCHER
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Date Received: 13-MAY-22
Report Date: 30-MAY-22 09:04 (MT)
Version: FINAL

Client Phone: 613-548-3446

Certificate of Analysis

Lab Work Order #: L2705974
Project P.O. #: NOT SUBMITTED
Job Reference: 1037
C of C Numbers:
Legal Site Desc:

Costas Farassoglou
Account Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-1 22-W001 Sampled By: CLIENT on 11-MAY-22 @ 09:55 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	0.104	DLHC	0.010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	0.0020		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0080	RRR	0.0080	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-2 22-W002 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-2 22-W002 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
L2705974-3 22-W003 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-3 22-W003 Sampled By: CLIENT on 11-MAY-22 @ 11:32 Matrix: WATER							
Perfluorinated Compounds							
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
L2705974-4 22-W010 Sampled By: CLIENT on 11-MAY-22 @ 14:15 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-4 22-W010 Sampled By: CLIENT on 11-MAY-22 @ 14:15 Matrix: WATER							
Perfluorinated Compounds							
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0020	RRR	0.0020	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	0.0017		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	0.0021		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-5 22-W012 Sampled By: CLIENT on 11-MAY-22 @ 14:25 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	0.0416		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-5 22-W012 Sampled By: CLIENT on 11-MAY-22 @ 14:25 Matrix: WATER							
Perfluorinated Compounds							
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	0.0012		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0040	RRR	0.0040	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Report Remarks : RRR: High recovery of PFHxA quality controls, detection limit raised.							
L2705974-6 22-W009 Sampled By: CLIENT on 11-MAY-22 @ 11:45 Matrix: WATER							
Perfluorinated Compounds							
HexaFl-propylene oxide DA (HFPO-DA/GenX)	<0.040		0.040	ug/L	20-MAY-22	21-MAY-22	R5788981
ADONA	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononane sulfonic acid (PFNS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
8:2 Fluorotelomer sulfonic acid(8:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
6:2 Fluorotelomer sulfonic acid(6:2 FTS)	<0.0030	DLB	0.0030	ug/L	20-MAY-22	21-MAY-22	R5788981
4:2 Fluorotelomer sulfonic acid(4:2 FTS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
10:2 Fluorotelomer sulfonic acid(10:2 F)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutane sulfonic acid (PFBS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexane sulfonic acid (PFHxS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotridecanoic acid (PFTrDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonic acid (PFOS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentane sulfonic acid (PFPeS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamide (EtFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoethanol (EtFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Et PFO sulfonamidoacetic acid(EtFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamide (MeFOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoacetic acid(MeFOSAA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
N-Me PFO sulfonamidoethanol (MeFOSE)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptane sulfonic acid (PFHpS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctane sulfonamide (FOSA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorodecane sulfonic acid (PFDS)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorobutanoic acid (PFBA)	<0.050		0.050	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L2705974-6 22-W009 Sampled By: CLIENT on 11-MAY-22 @ 11:45 Matrix: WATER							
Perfluorinated Compounds							
Perfluorodecanoic acid (PFDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorododecanoic acid (PFDoDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroheptanoic acid (PFHpA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorohexanoic acid (PFHxA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorononanoic acid (PFNA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorooctanoic acid (PFOA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoropentanoic acid (PFPeA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluorotetradecanoic acid (PFTeDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
Perfluoroundecanoic acid (PFUnDA)	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
9Cl-PF3ONS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981
11Cl-PF3OUdS	<0.0010		0.0010	ug/L	20-MAY-22	21-MAY-22	R5788981

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Matrix Spike	N-Et PFO sulfonamidoethanol (EtFOS	K	L2705974-1, -2, -3, -4, -5, -6
Laboratory Control Sample	N-Me PFO sulfonamidoacetic acid(Me	LCS-H	L2705974-1, -2, -3, -4, -5, -6
Laboratory Control Sample	Perfluorohexanoic acid (PFHxA)	LCS-H	L2705974-1, -2, -3, -4, -5, -6
Method Blank	Perfluorooctane sulfonamide (FOSA)	MB-LOR	L2705974-1, -2, -3, -4, -5, -6
Matrix Spike	6:2 Fluorotelomer sulfonic acid(6:2 FT	MS-B	L2705974-1, -2, -3, -4, -5, -6

Sample Parameter Qualifier key listed:

Qualifier	Description
DLB	Detection Limit Raised. Analyte detected at comparable level in Method Blank.
DLHC	Detection Limit Raised: Dilution required due to high concentration of test analyte(s).
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
LCS-H	Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.
MB-LOR	Method Blank exceeds ALS DQO. Limits of Reporting have been adjusted for samples with positive hits below 5x blank level.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RRR	Refer to Report Remarks for issues regarding this analysis

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
PFAS-LL-EX-LCMS-WT	Water	PFC's Low Level by LC/MS-MS	MOECC E3533, E3457, Mod. EPA 537.1

Water sample passed through a solid phase extraction (SPE). Final extract of Perfluorinated compounds are analyzed by LC/MS-MS.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.
mg/kg - milligrams per kilogram based on dry weight of sample
mg/kg wwt - milligrams per kilogram based on wet weight of sample
mg/kg lwt - milligrams per kilogram based on lipid weight of sample
mg/L - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-3	**DUP**	**L2702887-1**						
Perfluorobutane sulfonic acid (PFBS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorobutanoic acid (PFBA)		<0.050	<0.050	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoropentanoic acid (PFPeA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorohexanoic acid (PFHxA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroheptanoic acid (PFHpA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctanoic acid (PFOA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorononanoic acid (PFNA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorodecanoic acid (PFDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorododecanoic acid (PFDoDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
Perfluorooctane sulfonamide (FOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	20	21-MAY-22
ADONA		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
9Cl-PF3ONS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
11Cl-PF3OUdS		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge		<0.040	<0.040	RPD-NA	ug/L	N/A	50	21-MAY-22
Perfluorononane sulfonic acid (PFNS)		<0.0010	<0.0010		ug/L			21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-3	**DUP**	**L2702887-1**						
Perfluorononane sulfonic acid (PFNS)		<0.0010	<0.0010	RPD-NA	ug/L	N/A	50	21-MAY-22
WG3729807-2	**LCS**							
Perfluorobutane sulfonic acid (PFBS)			118.0		%		50-150	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			140.0		%		50-150	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			119.3		%		50-150	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			113.3		%		50-150	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			120.0		%		50-150	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			81.3		%		50-150	21-MAY-22
Perfluorobutanoic acid (PFBA)			105.0		%		50-150	21-MAY-22
Perfluoropentanoic acid (PFPeA)			144.7		%		50-150	21-MAY-22
Perfluorohexanoic acid (PFHxA)			158.7	LCS-H	%		50-150	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			130.0		%		50-150	21-MAY-22
Perfluorooctanoic acid (PFOA)			132.7		%		50-150	21-MAY-22
Perfluorononanoic acid (PFNA)			146.0		%		50-150	21-MAY-22
Perfluorodecanoic acid (PFDA)			149.3		%		50-150	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			138.0		%		50-150	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			147.3		%		50-150	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			90.7		%		50-150	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			118.7		%		50-150	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			140.0		%		50-150	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			113.3		%		50-150	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			119.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			90.7		%		50-150	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			109.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			156.7	LCS-H	%		50-150	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			127.3		%		50-150	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			108.0		%		50-150	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			136.0		%		50-150	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			134.0		%		50-150	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			74.0		%		50-150	21-MAY-22
ADONA			130.0		%		50-150	21-MAY-22
9Cl-PF3ONS			132.3		%		50-150	21-MAY-22
11Cl-PF3OUdS			69.0		%		50-150	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			95.4		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-2	**LCS**							
Perfluorononane sulfonic acid (PFNS)			117.4		%		50-150	21-MAY-22
WG3729807-1	**MB**							
Perfluorobutane sulfonic acid (PFBS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorobutanoic acid (PFBA)			<0.050		ug/L		0.05	21-MAY-22
Perfluoropentanoic acid (PFPeA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorohexanoic acid (PFHxA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctanoic acid (PFOA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorononanoic acid (PFNA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorodecanoic acid (PFDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			<0.0010		ug/L		0.001	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			0.0011	MB-LOR	ug/L		0.001	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			<0.0010		ug/L		0.001	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			<0.0010		ug/L		0.001	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			<0.0010		ug/L		0.001	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			<0.0010		ug/L		0.001	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			<0.0010		ug/L		0.001	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			<0.0010		ug/L		0.001	21-MAY-22
ADONA			<0.0010		ug/L		0.001	21-MAY-22
9Cl-PF3ONS			<0.0010		ug/L		0.001	21-MAY-22
11Cl-PF3OUdS			<0.0010		ug/L		0.001	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			<0.040		ug/L		0.04	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch	**R5788981**							
WG3729807-1	**MB**							
Perfluorononane sulfonic acid (PFNS)			<0.0010		ug/L		0.001	21-MAY-22
WG3729807-4	**MS**	**L2705974-1**						
Perfluorobutane sulfonic acid (PFBS)			110.7		%		50-150	21-MAY-22
Perfluoropentane sulfonic acid (PFPeS)			138.0		%		50-150	21-MAY-22
Perfluorohexane sulfonic acid (PFHxS)			123.3		%		50-150	21-MAY-22
Perfluoroheptane sulfonic acid (PFHpS)			123.3		%		50-150	21-MAY-22
Perfluorooctane sulfonic acid (PFOS)			136.0		%		50-150	21-MAY-22
Perfluorodecane sulfonic acid (PFDS)			119.3		%		50-150	21-MAY-22
Perfluorobutanoic acid (PFBA)			111.8		%		50-150	21-MAY-22
Perfluoropentanoic acid (PFPeA)			138.0		%		50-150	21-MAY-22
Perfluorohexanoic acid (PFHxA)			148.7		%		50-150	21-MAY-22
Perfluoroheptanoic acid (PFHpA)			130.7		%		50-150	21-MAY-22
Perfluorooctanoic acid (PFOA)			146.0		%		50-150	21-MAY-22
Perfluorononanoic acid (PFNA)			142.0		%		50-150	21-MAY-22
Perfluorodecanoic acid (PFDA)			142.7		%		50-150	21-MAY-22
Perfluoroundecanoic acid (PFUnDA)			128.7		%		50-150	21-MAY-22
Perfluorododecanoic acid (PFDoDA)			140.7		%		50-150	21-MAY-22
Perfluorotridecanoic acid (PFTrDA)			128.0		%		50-150	21-MAY-22
Perfluorotetradecanoic acid (PFTeDA)			132.0		%		50-150	21-MAY-22
Perfluorooctane sulfonamide (FOSA)			127.3		%		50-150	21-MAY-22
N-Me PFO sulfonamide (MeFOSA)			131.3		%		50-150	21-MAY-22
N-Et PFO sulfonamide (EtFOSA)			127.3		%		50-150	21-MAY-22
N-Me PFO sulfonamidoethanol (MeFOSE)			51.3		%		50-150	21-MAY-22
N-Et PFO sulfonamidoethanol (EtFOSE)			163.3	K	%		50-150	21-MAY-22
N-Me PFO sulfonamidoacetic acid(MeFOS			126.7		%		50-150	21-MAY-22
N-Et PFO sulfonamidoacetic acid(EtFOSA			147.3		%		50-150	21-MAY-22
4:2 Fluorotelomer sulfonic acid(4:2 FTS)			121.3		%		50-150	21-MAY-22
6:2 Fluorotelomer sulfonic acid(6:2 FTS)			N/A	MS-B	%		-	21-MAY-22
8:2 Fluorotelomer sulfonic acid(8:2 FTS)			129.3		%		50-150	21-MAY-22
10:2 Fluorotelomer sulfonic acid(10:2 F)			146.0		%		50-150	21-MAY-22
ADONA			127.9		%		50-150	21-MAY-22
9Cl-PF3ONS			147.9		%		50-150	21-MAY-22
11Cl-PF3OUdS			100.1		%		50-150	21-MAY-22
HexaFl-propylene oxide DA (HFPO-DA/Ge			95.4		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8

Contact: WILL ARCHER

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PFAS-LL-EX-LCMS-WT	**Water**							
Batch R5788981								
WG3729807-4	**MS**	**L2705974-1**						
Perfluorononane sulfonic acid (PFNS)			118.9		%		50-150	21-MAY-22

Quality Control Report

Workorder: L2705974 Report Date: 30-MAY-22

Client: MALROZ ENGINEERING INC. (Kingston)
308 Wellington Street, 2nd floor
Kingston ON K7K 7A8
Contact: WILL ARCHER

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
LCS-H	Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.
MB-LOR	Method Blank exceeds ALS DQO. Limits of Reporting have been adjusted for samples with positive hits below 5x blank level.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

ALS www.alsglobal.com

L2705974-COFC

COC Number: 20 - 1006598

Page of

Report To	Contact and company name below will appear on the final report
Company:	Malroz Engineering Inc
Contact:	Will Archer
Phone:	613-217-9455
	Company address below will appear on the final report
Street:	308 Wellington Street
City/Province:	Kingston, ON
Postal Code:	K7K 7A8
Invoice To	Same as Report To ☑ YES ☐ NO
	Copy of Invoice with Report ☐ YES ☐ NO
Company:	Malroz Engineering Inc
Contact:	Courtney Mahoney

Reports / Recipients

Select Report Format: ☑ PDF ☑ EXCEL ☐ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☐ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☑ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: archer@malroz.com

Email 2: mwright@malroz.com

Email 3: pyke@malroz.com

Invoice Recipients

Select Invoice Distribution: ☑ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: archer@malroz.com

Email 2: mahoney@malroz.com

Turnaround Time (TAT) Requested

☒ Routine [R] if received by 3pm M-F - no surcharges apply

☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimum

☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum

☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum

☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum

☐ Same day [E2] if received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

AFFIX ALS BARCODE LABEL HERE (ALS use only)

Project Information

ALS Account # / Quote #: 18806 / Q77378

Job #: 1037

PO / AFE:

LSD: NO

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#:

Major/Minor Code: Routing Code:

Requisitioner:

Location:

ALS Lab Work Order # (ALS use only): L2705974

ALS Contact: Costas F

Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	PFAS-LL-EX-LCMS/MT	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	22-W001	11-05-22	09:55	GW	3	X			
	22-W002	11-05-22	11:32	GW	3	X			
	22-W003	11-05-22	11:32	GW	3	X			
	22-W010	11-05-22	14:15	GW	3	X			
	22-W012	11-05-22	14:25	GW	3	X			
	22-W009	11-05-22	11:45	GW	3	X			

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☑ NO

Are samples for human consumption/ use? ☐ YES ☑ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☑ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATED

Submission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO

Cooler Custody Seals Intact: ☐ YES ☐ N/A Sample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
				0.5			

SHIPMENT RELEASE (client use)

Released by: [signature] Date: 12-05-22 Time: 10:45

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by: Date: Time:

FINAL SHIPMENT RECEPTION (ALS use only)

Received by: BB Date: MAY 13/22 Time: 9:06

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

AUG 2020 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

Appendix I
Historical Analyses

DRAFT Historical Groundwater Chemistry

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
			PWQO	(note a)								0.001	0.020								0.0002
89-1	89/Nov/01			1150	45.9		155			882			0.44					nd	nd	19	
	90/Jun/01			1100	62.1		106		2480	456	6.63		0.2			55.2	170	0.45	nd	nd	
89-2	89/Nov/01			620			109			783			0.36					0.36	nd	24	
	91/Nov/01			690		5	74		1410	844			0.66					nd	nd	13	
	93/Jun/01								2239								250				
	93/Oct/01			267		18	8		686	269	8.05		0.09			0.5	21	0.67	nd	36	
	94/Sep/01			1168					2380	900	7.24					3.1	93				
	95/Jun/01			1094					2489	959	6.76					3.33	252				
	96/Nov/01			1146					2409	510	7.14					4.5	210				
	08/May/01			293	0.05	9		3.2	608	309	8	<0.001	19.6	401		5	7	<0.1	<0.1	27	
89-3	89/Nov/01			585	44.5		227			597		0.041	0.48					1.27	nd	143	
	91/Nov/01			360	nd	9	77		1570	957		nd	0.82					0.15	0.14	11	
	93/Jun/01								2370								80				
	93/Oct/01			256					618	289	7.81	nd				0.12	5				
	94/Sep/01			1368					2360	900	7.24	nd				3.1	93				
	95/Jun/01			1229					2130	796	7.24	nd				3.17	66				
	96/Nov/01			1008					1756	704	7.25	nd				4.07	55				
89-4	89/Nov/01			88	nd		11			76		nd	0.14					0.39	nd	36	
	90/Jun/01			188			nd		435	186	7.42	nd				0.18	1				
	93/Jun/01								899								14				
	93/Oct/01			674	nd	6	82		1995	670	7.04	nd	nd			1.35	205	nd	nd	36	
	96/Nov/01			338	0.15	4	13		648	318	8.21	nd	2.89			0.4	11	0.21	nd		
	98/Oct/01			348					835	325	7.57					1.3	13.1	0.08	<0.05	31.6	
89-6	99/Oct/01							5.0	668	1000	8.01					0.2	26	0.3	<0.1	120	
	00/Jul/01						540	1.8								0.95	18	0.6	nd	38	nd
	00/Oct/01							1.6		4500						0.25	16	0.4	nd	50	nd
	03/Oct/01			351					693	359	7.93										
11-1	11/Nov/11			725	0.02	<2	114	2.2	1730	1090	7.72	<0.001		951	26400	1.3	164	<0.1	<0.1	36	
	12/Apr/25			767	0.211	8	111	1.5	1930	971	7.37	<0.001	0.03	1060	160000	0.3	191	<0.1	<0.1	37	0.00014
	12/Oct/10			706	0.222	5	745	1.0	2020	1010	7.34	< 0.001		1110	77400	4.3	257	< 0.1	< 0.1	33	< 0.00002
	13/Jul/24			750	0.05	<2.0	820	2.0		1070	7.38	<0.0010	2.35	1340	200000	0.34	243	<0.10	<0.10	36.3	<0.00010
	13/Oct/24			659	0.156	<2.0	63	3.3		872	7.44			896	324000	0.24	221	<0.10		34.5	<0.00010
	13/Oct/24		DUP	708	0.162	<2.0	97	3.8		876	7.46			912	288000	0.22	221	<0.10		34.5	<0.00010
	14/Jun/18			728	0.089	<2.0	140	4.1		764	7.26	0.0051	0.08	974	314000	0.4	188	<0.10	<0.10	32.6	<0.00010
	14/Oct/22			715	0.075	<2.0	76	2.0		791	7.2	0.0051	<0.030	1070	133000	<0.15	235	<0.10	<0.10	29.8	<0.00010
	15/Jun/05			736	0.16	ND (60)	703	4.7	2170	857	7.2	ND (0.020)	10.3	1140	216000	1.6	307	ND (0.1)	ND (0.05)	34	nd
	15/Nov/16			723	0.24	ND (60)	747	5.3	1950	883	7.3	ND (0.004)	6.65	940	614000	1.4	240	ND (0.1)	ND (0.05)	32	nd
	16/Nov/28			773	0.3	9	66	3.7	2270	823	7.2	<0.010	9.18	1270	155000	0.9	308	<0.1	<0.05	44	<0.0001
	17/Aug/03	17-W017		694	0.17	30	124	123	2420	989	7.2	0.012	4.94	1760	249000	0.8	473	<0.1	<0.05	53	<0.001
	17/Nov/23	17-W040		675	0.11	<30	178	6.9	2340	904	7.3	<0.002	15.6	1350	132000	1.4	441	<0.1	<0.05	57	<0.001
	18/May/23	18-W007		614	0.11	<2	< 5	3.0	2100	922	7.77	< 0.001	0.29	1160	380	0.3	359	< 0.05	<0.05	48	<0.00002
	18/Nov/27	18-W051		643	0.17	<3	91	4.7	2260	918	7.47	0.009	11.2	1251	111000	1.4	333	< 0.05	<0.05	47	<0.00002
	19/May/07	19-W012		609	0.11	3	365	3.9	2250	941	7.18	< 0.002	11.3	1250	118000	0.4	337	< 0.05	<0.05	47	<0.00002
	19/Nov/12	19-W035		625	0.13	<3	1000	2.1	2180	992	7.46	< 0.002	36.6	1210	36600	2.3	350	< 0.5	< 0.5	33	<0.00002
	20/Apr/07	20-W016		645	0.03	3	56	4.5	2340	1020	7.39	< 0.02	18.2	1300	40000	1.8	403	< 0.05	<0.05	48	<0.00002
	20/Nov/18	20-W051	LF	634	0.05	<3	< 5	3.5	2390	1080	7.26	< 0.002	0.06	1330	36	0.2	402	< 0.05	<0.05	49	<0.00002
	21/May/18	21-W031		693	0.06	<3	184	4.0	2540	1050	7.69	< 0.002	11.8	1410	32300	1.8	451	0.87	1.18	47	<0.00002
	21/Oct/27	21-W056		669	0.09	<3	175	2.3	2450	1120	7.74	< 0.002	3.56	1360	35400	0.8	446	0.13	<0.05	53	<0.00002
	22/May/12	22-W031		720	0.02	<3	1160	2.3	2720	1170	7.43	<0.001	59.9	1510	106000	3.8	503	0.06	<0.05	53	<0.00002
	22/Nov/01	22-W045		728	0.18	<3	163	0.4	2710	1170	7.38	<0.001	5.96	1510	32600	1.5	510	<0.05	<0.05	72	<0.00002
11-2	12/May/17			446	0.28	14	41	13.5	1010	513	7.08	<0.001	0.46	553	768	1.84	8.6	0.2	<0.1	104	0.00005
	12/Oct/11			340	0.153	16	142	41.8	2240	1100	7.25	< 0.001		1230	1830	5	208	0.2	< 0.1	648	<0.00002
	12/Oct/10		DUP	699	0.182	7	665	1.3	2010	1010	7.43	< 0.001		1110	137000	5.6	231	0.1	< 0.1	33	<0.00002
	14/Jun/18			650	0.362	<2.0	122	37.9		1270	7.24	<0.0010	0.216	1820	840	2.86	216	4.67	<0.10	498	<0.00010
	18/May/23	18-W005		777	1.94	4	102	42.6	1980	988	7.5	<0.001	0.04	1090	20	4	80.5	< 0.05	<0.05	312	<0.00002
	18/May/23	18-W006	LF	770	1.46	12	258	44.9	2170	1010	7.57	<0.001	1.48	1200	1800	6.4	115	0.06	<0.05	441	<0.00002
	18/Nov/27	18-W053		401	0.2	< 3	102	23.7	1620	797	7.53	<0.002	0.3	886	140	2.8	43.5	13.3	10.8	400	<0.00002
	18/Nov/27	18-W056	LF	347	0.15	< 3	62	24.0	1580	732	7.31	<0.002	0.06	863	7	2.3	38.4	< 0.05	13.3	399	<0.00002
	19/May/07	19-W013	LF	673	1.96	< 3	102	24.0	2200	1040	7.06	<0.002	0.05	1220	11	4.5	111	0.91	<0.05	407	<0.00002
	19/May/07	19-W014	LF	677	1.94	< 3	113	25.5	2230	1050	7.2	<0.002	0.08	1230	98	4.4	109	0.8	<0.05	411	<0.00002
	19/Nov/13	19-W040	LF	737	1.29	< 3	105	22.1	2110	1080	7.52	<0.002	0.06	1170	18	3.8	105	< 0.05	<0.05	313	<0.00002
	20/Apr/07	20-W014	LF	786	1.14	< 3	87	19.2	2050	965	7.38	<0.002	0.13	1130	140	3.6	103	0.07	<0.05	279	<0.00002
	20/Nov/18	20-W050	LF	606	0.96	< 3	48	17.5	1790	917	7.42	<0.002	0.09	984	4	2.5	55.9	< 0.05	<0.05	343	<0.00002
	21/May/19	21-W044		626	0.64	4	65	19.9	1790	881	7.8	<0.002	0.23	983	405	2.3	57.2	1.11	0.7	318	<0.00002
	21/Oct/27	21-W055	LF	336	0.04	< 3	38	16.2	1100	543	8.09	<0.002	0.09	590	7	1.8	30	7.71	<0.05	218	<0.00002
	22/May/12	22-W029		613	0.11	4	73	15.1	1550	810	7.81	<0.001	1.12	848	1280	3.9	37.7	0.22	<0.05	259	<0.00002
	22/Nov/01	22-W044		477	0.07	<	36	11.3	1550	734	7.41	<0.001	0.05	845	8	1.2	52.5	0.44	<0.05	393	<0.00002
11-3	11/Nov/11			383	<0.01	<2	600	0.9	1090	582	7.78	<0.001		597	99600	3.9	106	0.2	<0.1	57	
	12/Apr/25			384	0.089	<2	1230	1.0	1180	598	7.85	<0.001	0.09	648	238000	0.3	122	0.1	<0.1	75	0.00034
	12/Oct/11			386	0.095	5	< 5	1.0	1190	603	7.72	< 0.001		657	49500	3.2	120	< 0.1	< 0.1	70	< 0.00002
	13/Jul/24			447	<0.050	<2.0	510	2.2		691	7.68	<0.0010	4.4	838	29300	0.22	143	<0.10	<0.10	80.2	<0.00010
	13/Oct/24			413	0.145	<2.0	65	2.4		581	7.85			621	25500	0.18	136	<0.10		73.5	<0.00010
	14/Jun/18			488	<0.050	<2.0	30	2.6		684	7.74	0.0011	3.72	800	11500	0.18	146	<0.10	<0.10	93	<0.00010
	14/Oct/22			402	<0.050	<2.0	63	2.5		702	7.6	0.0038	3.73	851	28900	0.2	163	<0.10	<0.10	86.8	<0.00010
	15/May/06			517	0.34	ND (30)	157	5.6	1610	823	7.5	ND (0.010)	7.35	1000	22900	0.9	209	ND (0.1)	ND (0.05)	113	nd
	15/Nov/16			495	0.28	ND (10)	140	3.2	1560	773	7.5	ND (0.002)	8.42	1040	24200	1.2	194	ND (0.1)	ND (0.05)	89	nd
	16/Nov/28			508	0.03	8	85	3.0	1570	620	7.6	<0.010	3.47	928	5200	0.5	183	0.5	<0.05	99	<0.0001
	17/Aug/03	17-W013		556	0.1	<2	78	37.1	1550	821	7.4	<0.001	8.53	558	18100	0.9	206	<0.05	<0.1	104	<0.001
	17/Aug/03	17-W016	DUP	557	0.14	<12	106	4.5	1550	819	7.5	<0.004	9.95	352	21600	1	206	<0.1	<0.05	104	<0.001
	17/Nov/23	17-W038		548	0.1	32	96	2.6	1620	788	7.5	<0.001	5.78	934	17100	0.6	222	<0.1	<0.05	104	<0.001
	17/Nov/23	17-W039	DUP	548	0.08	<2	58	1.9	1610	782	7.5	<0.001	6.6	950	15600	0.6	221	<0.1	<0.05	104	<0.001
	18/May/23	18-W011		529	0.12	3	18	4.2	1860	918	7.93	< 0.001	11.2	1020	46000	1.6	293	0.07	<0.05	107	<0.00002
	18/Nov/27	18-W048		461	0.08	<3	104	3.6	1580	732	7.8	0.003	7.46	863	19000	0.9	195	0.12	<0.05	85	<0.00002
	19/May/07	19-W011		494	0.14	<3	255	3.1	1710	866	7.51	<0.002	26.1	937	69000	1.5	209	<0.05	<0.05	88	<0.00002
	19/Nov/12	19-W034		515	0.06	<3	950	3.7	1780	924	7.75	<0.002	36.3	979	26600	2.3	230	<0.05	<0.05	102	<0.00002
	20/Apr/07	20-W015		558	0.04	<3	320	4.8	1990	985	7.53	< 0.02	8.63	1100	18600	1.0	283	<0.05	<0.05	119	<0.00002
	20/Nov/18	20-W048		468	0.05	<3	92	3.7	1600	805	7.51	<0.002	9.60	873	8400	1.0	194	<0.05	<0.05	92	<0.00002
	21/May/18	21-W030		631	0.01	<3	152	4.3	1880	904	7.8	<0.002	3.90	1040	10100	0.6	224	0.98	0.84	112	<0.00002
	21/Oct/27	21-W057		482	0.05	<3	183	5.3	1450	758	7.93	<0.002	30.00	788	100000	2.8	161	0.05	<0.05	96	<0.00002
	22/May/12	22-W030		637	0.03	<3	7	3.3	1860	940	7.77	<0.001	2.43	1020	4100	1.1	214	<0.05	<0.05	120	<0.00002
	22/Nov/01	22-W047		601	0.11	<3	79	0.9	1770	850	7.55	<0.001	2.48	968	5420	1.6	219	<0.05	<0.05	120	<0.00002
11-4	11/Nov/11			319	<0.01	<2	12	1.8	674	355	7.9	<0.001		371	790	0.3	9	0.7	<0.1	29	
	12/Apr/25			374	0.058	2	99	1.2	749	397	7.94	<0.001	0.07	412	10200	0.2	5.3	0.4	<0.1	32	0.00008
	12/Oct/10			375	0.062	4	118	2.6	889	475	7.86	< 0.001		489	9550	1.2	47.5	0.3	< 0.1	42	< 0.00002
	13/Jul/24			358	<0.050	<2.0	130	3.4		325	8.11	<0.0010	0.89	430	1140	0.44	9	0.2	<0.10	21.4	<0.00010
	13/Oct/24			325	0.277	<2.0	110	3.5		232	8.09			316	10800	0.41	6.6	0.35		16.4	<0.00010
	14/Jun/18			400	<0.050	<2.0	47	2.1		299	8.04	0.0013	0.47	377	1340	0.3	2.5	<0.10	<0.10	15.1	<0.00010
	14/Oct/22			439	0.053	<2.0	58	2.7		342	7.92	<0.0010	0.689	421	1240	<0.15	4.3	0.19	<0.10	20.2	<0.00010
	15/May/06			420	0.03	ND (2)	27	2.9	776	314	7.8	ND (0.001)	0.51	446	721	0.5	5	0.2	ND (0.05)	23	nd
	15/Nov/16			408	0.04	ND (2)	40	2.5	793	377	7.7	ND (0.001)	1.24	386	1310	0.7	8	0.5	ND (0.05)	31	nd
	16/Nov/28			212	0.03	<2	23	4.6	1180	430	7.6	<0.001	0.37	924	385	1	4	102	<0.05	13	<0.0001
	17/Aug/03	17-W012		278	0.09	<2	28	9.8	643	300	7.6	<0.001	0.48	536	764	2	2	21.5	<0.05	6	0.002

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Groundwater Sampling Location	Date	Sample ID	RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
	17/Nov/23	17-W033		306	0.09	<2	57	4.8	708	320	7.7	<0.001	0.61	466	1160	1.9	2	22.9	<0.05	9	0.006
	18/May/24	18-W022		278	0.02	<2	12	15.4	684	346	8.16	< 0.001	0.05	355	6	0.6	2.6	18.8	0.06	11	<0.00002
	18/May/24	18-W023		288	0.04	<2	41	4.4	692	351	8.13	< 0.001	1.09	359	1100	2.1	2.6	19.0	< 0.05	11	<0.00002
	18/Nov/26	18-W040		113	0.04	<3	31	13.3	481	211	8	<0.002	0.43	249	440	1.7	4.1	26.6	< 0.05	10	<0.00002
	18/Nov/27	18-W046	LF	82	0.05	<3	47	15.6	398	172	7.81	<0.002	0.21	205	14	2	3.1	23.5	< 0.05	9	<0.00002
	19/May/07	19-W006	LF	186	0.06	<3	23	16.9	511	246	7.65	<0.002	0.15	265	7	0.9	1.8	13.9	0.11	8	<0.00002
	19/May/07	19-W007		191	0.12	<3	97	8.5	536	258	7.75	<0.002	2.49	278	2930	3.2	1.9	16.3	< 0.05	8	<0.00002
	19/Nov/13	19-W043	LF	208	0.08	<3	21	10.4	627	322	7.86	<0.002	0.04	325	7	1.0	0.9	23.2	< 0.05	10	<0.00002
	20/Apr/07	20-W006	LF	234	0.01	<3	11	6.3	549	291	7.71	<0.002	0.05	285	17	0.6	2.1	16.7	< 0.05	9	<0.00002
	20/Nov/17	20-W033	LF	251	0.03	<3	< 5	3.5	735	372	7.93	<0.002	0.05	383	10	0.5	3.0	26.1	0.06	13	<0.00002
	21/May/19	21-W035		205	0.12	<3	64	5.0	579	282	8.07	<0.002	2.45	300	2350	3.3	1.5	21.3	0.07	12	<0.00002
	21/Oct/28	21-W079		185	0.09	<3	96	10.6	585	308	8.38	<0.002	1.8	303	2200	2.9	13.9	23.8	< 0.05	19	<0.00002
	22/May/12	22-W020		218	0.02	<3	39	9.2	592	298	8.01	<0.001	0.14	307	1760	1.7	6.9	21.9	<	13	<0.00002
	22/Nov/01	22-W049		150	0.09	<3	58	11.1	522	235	7.84	0.054	0.46	270	350	1.6	5.7	24.3	<	15	<0.00002
11-5	11/Nov/11			301	<0.01	4	24	2.9	639	271	7.99	<0.001		351	5500	0.4	9	1.1	<0.1	25	
	12/Apr/25			228	0.113	2	249	2.9	524	242	7.97	<0.001	0.16	288	59600	0.4	9.5	1.9	<0.1	22	0.00006
	12/Oct/17			268	0.146	5	438	5.8	620	240	7.85	< 0.001		341	147000	0.7	11.4	2.9	< 0.1	26	< 0.00002
	13/Jul/25			271	<0.050	<2.0	110	3.1		226	7.99	<0.0010	1.6	364	13000	0.34	11.5	2.18	<0.10	27.9	<0.00010
	13/Oct/24			309	0.205	<2.0	213	3.5		252	8			323	18100	0.43	9.5	3.93		24.7	<0.00010
	14/Jun/18			270	<0.050	<2.0	30	3.4		225	7.99	<0.0010	3.82	339	29700	0.36	12.6	2.6	<0.10	19.7	<0.00010
	14/Jun/18		DUP	279	0.053	<2.0	28	4.5		229	8.01	<0.0010	4.45	342	33000	0.35	12.5	2.58	<0.10	19.6	<0.00010
	14/Oct/23			322	<0.050	<2.0	41	3.4		237	7.97	0.0016	4.52	370	16500	0.2	12.2	1.35	<0.10	24.2	<0.00010
	15/May/06			245	0.07	ND (12)	114	4.9	527	184	8	ND (0.002)	6.15	300	17900	0.9	11	1.6	ND (0.05)	21	nd
11-6	11/Nov/11			184	<0.01	<2	26	8.8	1020	417	7.55	<0.001		563	3750	1.1	90	0.1	<0.1	233	
	12/Apr/25			275	0.175	3	230	8.7	1180	451	7.71	<0.001	0.08	646	74800	0.6	99.3	<0.1	<0.1	207	0.0001
	12/Oct/17			199	0.029	5	115	9.3	926	364	7.49	< 0.001		509	15900	0.8	68	0.5	< 0.1	178	< 0.00002
	13/Jul/25			259	0.056	<2.0	141	11.6		461	7.73	<0.0010	2.91	924	10500	0.57	102	<0.10	<0.10	245	<0.00010
	13/Oct/24			202	0.03	<2.0	97	9.4		384	7.57			551	2430	0.46	79.3	0.35		203	<0.00010
	14/Jun/18			282	0.052	<2.0	56	10.9		294	7.71	<0.0010	0.913	598	1360	0.45	62.1	<0.10	<0.10	157	<0.00010
	14/Oct/23			338	<0.050	<2.0	115	10.2		457	7.57	0.002	1.83	802	3370	0.35	92.1	<0.10	<0.10	214	<0.00010
	14/Oct/23		DUP	339	<0.050	<2.0	61	11.0		450	7.62	<0.0010	1.67	799	3370	0.48	93.1	<0.10	<0.10	216	<0.00010
	15/May/06			223	0.06	ND (30)	93	8.2	960	316	7.7	0.001	2.11	622	2350	0.9	76	ND (0.1)	ND (0.05)	185	nd
	15/Nov/16			248	0.04	ND (2)	70	8.3	1210	448	7.3	ND (0.001)	3.2	880	5950	1	99	0.4	ND (0.05)	248	nd
	16/Nov/28			218	0.03	<2	29	5.3	940	264	7.5	<0.001	4.06	602	2380	0.6	58	0.4	<0.05	195	<0.1
	17/Aug/03	17-W021		254	0.14	<2	60	10.3	876	351	7.6	<0.001	2.11	586	3400	1.2	55	<0.1	<0.05	173	<0.001
	18/May/23	18-W002		255	0.13	4	188	7.5	806	351	7.88	<0.001	4.14	424	6600	1.3	47.2	< 0.05	< 0.05	125	<0.00002
	18/Nov/27	18-W060		168	0.04	<3	109	8.1	716	260	7.84	<0.002	5.31	372	11000	1.5	41.3	1.8	<0.05	118	<0.00002
	19/May/08	19-W026		202	0.04	<3	63	10.0	784	325	7.72	<0.002	4.28	411	5100	1.1	43.5	0.15	<0.05	129	<0.00002
	19/Nov/13	19-W037		223	0.09	<3	48	9.0	785	339	7.73	<0.002	1.24	412	1710	0.9	43.8	< 0.05	<0.05	113	<0.00002
	20/Apr/07	20-W024		229	0.04	<3	53	7.1	777	329	7.73	<0.002	2.33	407	2650	0.9	42.6	0.06	<0.05	101	<0.00002
	20/Nov/17	20-W042		216	0.04	<3	9	3.6	761	326	7.83	<0.002	0.42	398	410	0.9	43.9	0.62	<0.05	112	<0.00002
	21/May/18	21-W017		227	0.08	<3	32	9.3	751	290	7.82	<0.002	2.73	392	2170	1	42.4	0.2	0.11	116	<0.00002
	21/Oct/27	21-W051		202	0.06	<3	15	8.3	719	279	8.24	<0.002	1.11	374	1060	1.3	39.2	5.11	<0.05	107	<0.00002
	22/May/12	22-W020		218	0.02	<3	39	9.2	592	298	8.01	<0.001	0.14	307	1760	1.7	6.9	21.9	<0.05	13	<0.00002
	22/Oct/31	22-W049		150	0.09	<3	58	11.1	522	235	7.84	0.054	0.46	270	350	1.6	5.7	24.3	<0.05	15	<0.00002
11-7	11/Nov/11			348	1.3	3	43	15.3	681	400	7.83	<0.001		375	940	1.1	16	<0.1	<0.1	2	
	12/Apr/25			343	0.798	4	108	12.6	718	370	7.99	<0.001	0.43	395	4360	1.4	28.6	0.1	<0.1	4	0.00009
	12/Oct/17			355	0.911	8	175	19.8	735	398	7.73	< 0.001		404	7050	1.6	22.5	0.1	< 0.1	8	< 0.00002
	13/Jul/25			389	0.7	<2.0	112	14.3		372	8.03	<0.0010	0.222	492	334	1.15	33.3	<0.10	<0.10	5.1	<0.00010
	13/Oct/24			368	0.669	<2.0	122	13.8		355	7.98			488	1350	1.1	30.9	<0.10		5.2	<0.00010
	14/Jun/18			390	0.688	<2.0	65	15.1		398	8.03	<0.0010	0.288	476	474	1.17	38.5	<0.10	<0.10	6.9	<0.00010
	14/Oct/23			397	0.662	<2.0	67	13.9		390	7.97	0.0013	0.289	450	2990	0.93	34	<0.10	<0.10	6.6	<0.00010
	15/May/06			386	0.76	9	65	13.4	806	422	8	0.002	0.52	518	394	1.3	46	ND (0.1)	ND (0.05)	8	nd
	15/Nov/16			420	0.88	4	67	15.5	854	412	7.7	ND (0.001)	0.21	509	244	1.5	31	ND (0.1)	ND (0.05)	12	nd
	16/Nov/28			419	0.89	5	44	13.3	842	359	7.6	<0.001	0.27	512	328	1.3	29	<0.1	<0.05	11	<0.1
	17/Aug/03	17-W022		449	0.74	3	28	13.0	877	538	7.8	<0.001	0.44	586	632	1.4	48	<0.05	<0.1	9	0.002
	17/Nov/23	17-W041		468	0.87	4	49	11.5	987	458	7.9	<0.001	0.25	602	628	1.4	68	<0.1	<0.05	13	<0.001
	18/May/23	18-W001		426	0.8	3	35	14.7	932	494	8.03	< 0.001	0.76	495	1040	1.3	67.6	<0.05	<0.05	13	<0.00002
	18/Nov/27	18-W052		380	0.89	<3	109	18.9	879	448	7.94	<0.002	0.91	465	700	2	35.4	<0.05	<0.05	29	<0.00002
	21/May/19	19-W027		394	0.80	<3	70	15.7	924	436	7.95	<0.002	1.51	496	1900	2.1	54.4	0.06	<0.05	12	<0.00002
	19/Nov/13	19-W038		441	0.81	4	54	21.1	1020	462	8.02	<0.002	0.97	546	1040	1.5	73.4	< 0.05	<0.05	14	<0.00002
	20/Apr/07	20-W026		421	0.73	3	47	12.3	1030	460	7.93	<0.002	0.98	551	2400	1.5	72.7	0.07	<0.05	15	<0.00002
	20/Nov/17	20-W041		387	0.86	<3	34	13.1	887	475	7.91	<0.002	0.28	470	610	1.4	46.3	<0.05	<0.05	16	<0.00002
	21/May/18	21-W016		439	0.77	<3	66	14.8	948	462	8.01	<0.002	0.84	504	2220	1.4	60.4	0.2	0.15	12	<0.00002
	21/Oct/27	21-W050		446	0.81	<3	26	13.4	928	485	8.4	<0.002	0.99	493	1750	1.4	61.6	0.07	<0.05	11	<0.00002
	22/May/11	22-W006		481	0.77	<3	84	10.8	1090	509	7.99	<0.001	1.39	582	1430	1.3	75.8	<0.05	<0.05	13	<0.00002
	22/Oct/31	22-W039		483	0.77	6	112	6	1110	565	7.99	0.002	2.23	597	4640	3.1	91.1	<	<0.05	18	<0.00002
91-1	91/Nov/01			380			nd		680	437		nd	0.6					1.66	nd	21	
	93/Jun/01								758								24				
	93/Oct/01			387					794	439	7.41	nd				0.12	21				
	94/Sep/01			366					748	431	7.9	nd				0.3	17				
	95/Jun/01			339					666	399	7.9	nd				0.44	11				
	96/Nov/01			273					561	300	8.15	nd				0.39	7				
	98/Oct/01			396					631	360	7.66					0.7	10.1	1.31	<0.05	21.2	
	99/Jul/01				0.15			1.4	780	347	7.54					1	4.7	1.4	<0.05	19.3	
	99/Oct/01				0.02			2.0	560	1200	7.47					0.4	6	2.5	<0.1	20	
	00/Jul/01				nd		380	1.4								0.6	10	15	nd	20	nd
	00/Oct/01				nd			0.8	800	800	7.6					0.2	7.5	12	nd	19	nd
	01/Sep/01				0.22			4.2		310						1	9	9.6	0.1	30	nd
	01/Dec/01				nd			3.1	620	351	7.7					0.39	4.5	4.2	nd	18.9	nd
	02/Aug/01				nd			3.3	720	377	7.81					0.41	8	10	<0.2	16	nd
	02/Nov/01				nd			2.2	700	391	7.9					0.25	8.8	10.3	nd	17.4	nd
	03/Jul/01			348	<0.03	0.8		2.2	693	356	7.92	<0.001	1.4			0.35	10	8.8	nd	16.8	<0.00005
	03/Oct/01					0.6		1.5	733	305	7.68	nd		368		0.2	9.4	9.4	nd	17.4	
	04/May/01			370	nd	nd		1.4	703	308	7.46			430		0.17	12	9.2		17.2	
	05/May/01			378	0.14	nd		1.1	566	388	8.2			1330		0.7	10.5	8.1		14.8	
	05/Oct/01			324	nd	nd		3.3	604	293	8.2	nd	1.65	376		1.1	5	3	nd	11	
	06/Apr/01			350	nd	nd		1.7	661	400	8.2	nd		404		0.4	8	5.7		14	
	06/Oct/01			379	0.15	<2		1.7	734	400	8.1	<0.001	1.6	430		0.8	7	4.3	0.02	17	
	07/May/01			356	<0.05	2		2.0	750	382	7.42	<0.001	0.47	495		0.7	6	3	<0.1	15	
	07/May/01		DUP	356	0.19	<2		1.6	737	388	7.44	<0.001	1.31	486		0.5	6	3	<0.1	15	
	08/May/14			272	0.03	<2		2.3	567	296	8.05	<0.001	1.85	374		0.4	3	2.9	<0.1	12	
	08/Nov/01			324	<0.05	<2	<5	2.3	639	340	7.73	<0.001	0.82	351		0.5	4	1.7	<0.1	14	
	08/Nov/01		DUP	327	<0.05	<2	<5	2.2	643	340	7.76	<0.001	0.15	354		0.5	4	1.7	<0.1	14	
	09/Apr/01			381	<0.05	<2		1.4	676	359	7.32	<0.001	2.8	372		0.6	5	2.1	<0.1	15	
	09/Nov/18			382	<0.05	<2	<5	1.4	732	381	7.44	<0.001	1.52	403	3320	0.4	5	1.5	<0.1	15	
	10/Jul/01			367	0.3	<2		1.0	888	362	7.79	<0.001	3.3	488		<1	3	0.9	<0.1	15	
	10/Nov/23			367	0.09	<2	<5	1.3	694	391	8.01	<0.001	1.72	382	8100	0.3	4	0.8	<0.1	15	
	11/Nov/11			381	<0.05	<2	<5	1.5	713	385	7.77	<5		392	15100	<0.5	3	0.4	<0.1	14	
	12/Apr/26			378	0.045	<2	142	1.0	719	385	7.83	<0.001	0.64	395	29300	0.2	2.1	0.4	<0.1	14	0.00009
	12/Oct/10			381	0.019	3	129	2.4	735	374	7.79	< 0.001		404	6900	0.8	3	0.5	< 0.1	14	< 0.00002
	13/Jul/24			413	<0.050	<2.0	300	1.3		425	7.89	<0.0010	2.28	430	8110	0.33	7	0.27	<0.10	13.9	<0.00010
	13/Oct/24			411	0.224	<2.0	146	1.9		380	7.46			359	6370	0.17	4.3	0.44		14	<0.00010
	14/Jun/18			456	<0.050	<2.0	39	1.0		409	7.86	<0.0010	1.28	429	2080	0.43	4.2	0.24	<0.10	12.7	<0.00010
	14/Oct/22			453	0.06	<2.0	10	<1.0		400	7.8	0.0013	1.59	419	2940	<0.15	2.7	0.21	<0.10	11.8	<0.00010
	15/May/06			441	0.04	ND (30)	100	2.5	755	426	7.7	0.001	1.54	448	1730	0.3	2	0.2	ND (0.05)	13	nd

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Groundwater Sampling Location	Date	Sample ID	RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
	15/Nov/16			461	0.02	ND (2)	33	1.6	817	350	7.5	ND (0.001)	0.42	490	1670	0.4	1	0.3	ND (0.05)	12	nd
	16/Nov/15			388	0.15	27	83	3.9	842	410	7.4	<0.001	1.61	506	1770	0.9	4	16.7	<	10	<0.0001
	17/Aug/03	17-W001		452	0.06	<2	<10	1.9	803	489	7.5	<0.001	5.33	464	3230	0.7	1	9.7	<0.05	8	<0.1
	17/Nov/23	17-W023		418	0.08	<2	38	1.2	793	391	7.6	<0.001	3.22	466	3310	0.7	2	12.4	<0.05	10	<0.1
	18/May/24	18-W015		384	0.02	<2	26	2.3	770	432	7.94	< 0.001	1.8	403	3700	0.5	2.5	10.1	<0.05	8	<0.00002
	18/Nov/27	18-W055		249	0.05	<3	64	5.0	689	334	7.97	<0.002	5.64	358	13500	0.8	3.2	22.3	<0.05	9	<0.00002
	19/May/07	19-W001		306	0.05	<3	85	3.2	733	415	7.73	<0.002	4.23	382	2520	0.6	3.7	14.3	<0.05	8	<0.00002
	19/Nov/26	19-W045		326	0.05	<3	46	3.4	743	395	7.89	<0.002	1.7	388	2500	0.4	4.0	13.0	<0.05	9	<0.00002
	20/Apr/07	20-W005		337	0.02	<3	51	3.3	733	492	7.79	<0.002	3.30	382	5400	0.4	3.7	10.4	<0.05	7	<0.00002
	20/Nov/17	20-W034		334	0.04	<3	127	1.4	736	409	7.81	<0.002	5.73	384	7300	0.8	4.2	9.1	<0.05	8	<0.00002
	21/May/19	21-W036		332	0.02	<3	20	3.9	703	377	8.17	<0.002	1.81	365	1420	0.5	3.6	9.9	0.07	8	<0.00002
	21/Oct/28	21-W058		297	0.03	<3	84	2.7	610	297	8.19	<0.002	4.91	317	6500	0.3	3.4	9.8	<0.05	8	<0.00002
	22/May/12	22-W022		347	<0.01	<3	<5	2.3	691	382	7.92	<0.001	1.22	359	1890	0.3	3.7	10.1	<0.05	7	<0.00002
	22/Nov/01	22-W050		334	0.06	<3	58	1.9	707	357	7.8	0.01	1.97	367	4530	1.3	2.1	10.7	<0.05	7	<0.00002
91-2	91/Nov/01			350		6	6		640	401		nd	0.72					nd	nd	45	
	93/Jun/01								586								8				
	94/Sep/01			325		3	43		645	418	8.11	nd	0.28			4.4	12	0.14	nd		
	95/Jun/01			390		4	5		760	378	7.69	nd	0.04				14	nd	nd		
	96/Nov/01			373		nd	nd		731	397	7.91	nd	0.19			0.15	17	nd	nd		
	97/Dec/01																				
	98/Oct/01			401					889	397	7.61					0.4	24.6	0.04	<0.05	31.6	
	99/Jul/01				0.73			8.6		393						26.8	54.4	4.1	<0.05	35.1	
	99/Oct/01				0.56			4.0	951	410	7.72					0.65	32	0.3	<0.1	27	
	00/Jul/01				nd		480	3.2								1.2	12	0.7	nd	23	
	00/Oct/01				nd			2.6	830	370	7.9					0.2	12	0.2	nd	23	
	01/Sep/01				0.41			7.2		400						1.2	40	nd	nd	35	
	01/Dec/01				nd			6.7	398	198	7.97					0.6	4.6	nd	nd	20.1	
	02/Aug/01				0.25			12.4	945	485	7.49					3.41	41.7	nd	nd	27.5	
	02/Nov/01				N/A			N/A	N/A	N/A	N/A					N/A	N/A	N/A	N/A	N/A	
	03/Jul/01			379	0.11	2.9		4.6	720	452		0.002	2.2			0.44	21.4	0.2	<0.2	25.9	
	03/Oct/01			Dry																	
	04/Nov/01					nd		23.4	556	299	7.81	nd	30.1	840		1	6.4	nd	nd	12.1	
	05/May/01			556	0.25	nd		3.5	673	378	8.24			709		0.4	8.59	nd		15.5	
	05/Oct/01			673	nd	nd		12.6	349	161	8.16	nd		545		15	5	nd	nd	16	
	05/Oct/01		DUP	349	nd	10		10.4	352	160	8.15	nd		639		6	5	nd	nd	16	
	06/Apr/01			352	nd	nd		5.6	618	300	nd			333		0.7	8	nd		15	
	06/Oct/01			618	0.12	<2		11	357	190	8.1	<0.001	0.4	235		1.4	5	<0.1	<0.01	16	
	06/Oct/01		DUP	357	<0.005	<2		10.8	414	180	8	<0.001	0.6	229		1.8	6	<0.1	0.02	16	
	07/May/01			436	0.15	21		10.4	816	501	7.25	0.015	2.08	538		1	23	<0.1	<0.1	14	
	07/Oct/01			384	0.06	<2	<5	2.3	725	347	6.9	<0.001	0.01	478	582	1.8	11	0.8	<0.1	18	
	08/May/14			306	0.02	<2		3	610	303	8.18	<0.001	2.15	403		1.2	7	0.1	<0.1	16	
	08/Nov/01			197	0.05	2	28	6.8	395	194	8.1	<0.001	0.18	217		0.6	4	0.1	<0.1	8	
	09/Apr/01			356	<0.05	<2		2.8	668	363	7.54	<0.001	1.72	367		1.1	24	0.1	<0.1	19	
	09/Nov/17			276	<0.05	<2	17	7.5	586	268	7.4	<0.001	0.51	322	480	0.8	16	<0.1	<0.1	18	
	10/Jul/01			398	0.11	<2		5.7	956	373	7.95	<0.001	0.16	526		0.4	7	<0.1	<0.1	10	
	10/Jul/14		DUP	394	0.06	<2		5.9	939	372	7.95	<0.001	0.11	516		0.8	6	<0.1	<0.1	10	
	10/Nov/23			270	0.16	<2	16	6.8	516	282	8.07	<0.001	<0.01	284	184	0.4	6	<0.1	<0.1	7	
	11/May/31			435	<0.05	<2	24	4.9	909	414	7.97	<0.001	0.26	500	1370	0.5	29	0.1	<0.1	20	
	11/Nov/11			332	<0.05	4	34	8.4	667	337	7.75	<0.001		367	1310	1.3	13	0.1	<0.1	15	
	12/Apr/26			377	0.18	2	61	3.7	761	420	7.94	<0.001	0.13	419	4150	0.5	15.4	0.1	<0.1	23	0.00003
	12/Oct/10			443	0.09	4	6	5.3	951	505	7.93	< 0.001		523	1270	1.5	24.3	< 0.1	< 0.1	49	< 0.00002
	13/Jul/25			394	<0.050	<2.0	21	6.2		403	8.12	<0.0010	0.05	488	640	0.37	31.5	<0.10	<0.10	7	<0.00010
	13/Jul/25		DUP	405	0.06	<2.0	30	6.6		411	8.13	<0.0010	0.078	490	425	0.4	29.9	<0.10	<0.10	6.9	<0.00010
91-3	91/Nov/01			212		4	6		480	258		nd	1					0.67	nd	39	
	93/Jun/01								503								3				
	94/Sep/01			256					519	256	7.89	nd				0.19	3				
	95/Jun/01			263					517	263	7.86	nd				0.26	3				
	96/Nov/01			250					502	359	8.28	nd				0.12	4				
	98/Oct/01			260					540	249	7.6					0.3	3.9	<0.05	<0.05	259	
	99/Jun/01				0.07			1.0	634	233	7.94					0.4	3.4	0.31	<0.05	25.2	
	99/Oct/01				0.04			1.4	513	540	7.82					0.16	4.5	0.1	<0.1	24	
	00/Jul/01				nd		340	1.2				nd				0.85	4.5	0.3	nd	28	nd
	00/Oct/01				nd			0.6	520	240	7.9	nd				0.1	4	0.1	nd	25	nd
	01/Sep/01				0.13			2.4		210		nd				0.9	4	nd	nd	30	nd
	01/Dec/01				0.05			1.2	516	277	7.69	nd				0.24	3.7	nd	nd	25.1	nd
	02/Aug/01				0.04			2.2	513	252	7.69	nd				0.39	4.4	nd	nd	26.8	nd
	02/Nov/01				0.03			0.4	495	254	8.1	nd				0.1	4.3	nd	nd	27	nd
	03/Jul/01			259	<0.03	<0.5		1.0	505	253	7.92	<0.002	0.73		274	0.14	4.7	<0.2	<0.2	25.8	0.00006
	03/Oct/01							1.2	500	251	7.82	nd		320		0.08	4.3	nd	nd	25.7	
	04/May/01			258	0.03	nd		1.6	497	252	7.75			306		0.14	4.4	nd		29.9	
	04/Nov/01			256		nd		1.3	516	285	7.86	nd	3.3	306	17	0.09	5.6	nd	nd	26.2	
	05/May/01			260	0.18	nd		1.0	497	274	8.28			844		0.4	5.3	nd		33.1	
	05/Oct/01			197	nd	nd		9.7	356	161	8.23	nd	5.71	496		2	4	nd		15	
	06/Apr/01			268	nd	nd		1.1	510	270	8.2	nd		305		0.2	5	nd		25	
	06/Oct/01			264	0.16	<2	<4	1.1	516	280	8.1	<0.001	7	310	520	0.5	5	<0.1	<0.01	29	
	07/May/01			256	0.2	<2	115	5.1	548	287	7.61	<0.001	6.6	261	6320	1.3	4.3	0.1	<0.01	31	
	07/Oct/01			252	0.06	3		1.5	534	262	7.19	<0.001	<0.01	352		0.1	5	<0.1	<0.1	31	
	07/Oct/01		DUP	260	0.05	5		1.8	538	261	7.11	<0.001	<0.01	355		<0.1	5	<0.1	<0.1	31	
	08/May/14			241	0.07	2		1.6	521	258	7.87	<0.001	7.3	344	9130	0.9	5	0.1	<0.1	33	
	08/Nov/01			249	<0.05		<5	1.1	537	254	8.14	<0.001	4.9		295	0.3					
	09/Apr/01			210	<0.05	<2		1.0	534	264	7.34	<0.001	2.3	294		0.2	5	<0.1	<0.1	31	
	09/Apr/01		DUP	267	0.05	<2		1.2	542	268	7.29	<0.001	7.25	298		0.2	5	0.2	<0.1	32	
	09/Nov/17			264	<0.05	<2	80	1.5	548	274	7.78	<0.001	3.5	302	10100	0.1	5	<0.1	<0.1	32	
	09/Nov/17		DUP	272	<0.05	<2	101	1.3	547	283	7.81	<0.001	3.1	301	12800	0.2	5	<0.1	<0.1	33	
	10/Jul/14			254	0.11	<2		1.2	607	259	8	<0.001	1.8	334		0.2	5	0.2	<0.1	30	
	10/Nov/23			244	0.11	<2	<5	1.0	524	277	8.15	<0.001	0.69	288	892	<0.1	5	<0.1	<0.1	30	
	11/May/31			249	<0.05	<2	10	1.8	534	277	8.07	<0.001	0.31	294	896	<0.1	5	<0.1	<0.1	30	
	11/Nov/11			252	<0.05	<2	<5	1.4	532	277	8.1	<0.001		293	464	<0.1	5	0.1	<0.1	31	
	12/May/17			257	<0.01	<2	41	1.2	548	267	7.98	<0.001	0.79	301	<2	0.61	5	<0.1	<0.1	<0.1	<0.00002
	12/Oct/11			252	0.082	6	< 5	1.9	546	288	8.01	< 0.001		300	12900	0.4	4.8	0.1	< 0.1	31	< 0.00002
	13/Jul/25			954	9.64	5.6	243	78.6		831	7.28	<0.0010	3.71	1050	45300	10.1	38.5	<0.10	<0.10	30.9	<0.00010
	13/Oct/24			262	0.069	<2.0	51	1.8		261	8.09			269	1600	0.17	4.9	<0.10		29.8	<0.00010
	14/Jun/18			259	0.063	<2.0	23	<1.0		241	8.09	<0.0010	0.587	307	1090	<0.15	5.3	<0.10	<0.10	32.4	<0.00010
	14/Oct/22			259	<0.050	<2.0	34	1.5		238	8	0.0012	0.444	306	1730	<0.15	5	<0.10	<0.10	29.4	<0.00010
	15/May/06			275	0.07	ND (2)	18	2.0	561	219	7.9	ND (0.001)	0.18	336	429	0.1	6	ND (0.1)	ND (0.05)	33	nd
	15/Nov/16			280	0.06	ND (2)	37	1.6	576	205	7.8	ND (0.001)	0.29	344	1000	0.3	6	0.1	ND (0.05)	30	nd
	16/Nov/28			283	0.05	<	27	1.3	580	234	7.8	<0.001	0.53	332	1730	0.1	5	<0.1	<0.05	32	<0.0001
	17/Aug/03	17-W005		294	0.04	<2	<10	1.7	558	281	7.7	<0.001	0.26	360	932	0.1	5	<0.1	<0.05	34	<0.0001
	17/Nov/23	17-W029		290	0.05	<2	21	0.5	573	269	7.8	<0.001	0.31	330	1190	0.1	6	<0.1	<0.05	36	<0.0001
	18/May/23	18-W010		258	0.06	<2	5	3.6	547	281	8.13	<0.001	0.06	283	510	0.1	5.8	<0.05	<0.05	37	<0.00002
	18/Nov/26	18-W036		247	0.07	<3	7	2.3	555	276	8.07	<0.002	0.23	288	1750	0.3	5.8	<0.05	<0.05	33	<0.00002
	19/May/07	19-W009		243	0.09	<3	15	2.1	555	288	7.90	<0.002	0.41	288	2280	0.1	5.7	<0.05	<0.05	33	<0.00002
	19/Nov/26	19-W052		241	0.12	<3	37	5.1	549	291	7.94	<0.002	1.22	285	4100	0.2	6.7	0.11	<0.05	37	<0.00002
	20/Apr/07	20-W008		241	0.04	<3	12	2.9	539	310	7.80	0.002	0.15	279	760	0.1	6.0	0.07	<0.05	35	<0.00002
	20/Nov/17	20-W039		237	0.07	<3	< 5	1.6	545	287	8.03	<0.002	1.23	282	2180	0.3	6.3	<0.05	<0.05	34	<0.00002
91-3	21/May/19	21-W042		246	0.06	<3	10	2.6	543	275	8.10	<0.002	0.89	281	6450	0.2	5.6	0.12	0.07	34	<0.00002

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
	21/Oct/28	21-W062		235	0.06	<3	<5	2.4	491	297	8.26	<0.002	2.71	254	3100	0.3	5.8	<0.05	<0.05	32	<0.00002
	22/May/12	22-W027		263	0.05	<3	<5	2.6	544	287	7.97	<0.002	0.72	282	1020	0.2	6.0	0.05	<0.05	35	<0.00002
	22/Nov/01	22-W052		254	0.09	<3	<5	2.2	550	266	7.94	0.004	0.56	285	598	0.2	4.7	<0.05	<0.05	40	<0.00002
91-4	91/Nov/01			500		4	40		1010	586		nd	0.42					nd	nd	10	
	93/Jun/01								1550								150				
	94/Sep/01			1066		14	100		2275	1247	6.95	nd	nd			1.96	202	nd	nd		
	95/Jun/01			1078		10	93		2233	977	7.8	nd	0.04				167	nd	nd		
	96/Nov/01			1045		10	99		2009	1051	7.27	nd	3.15			2.27	151	nd	nd		
	08/May/14			894	7.75	4		18.9	1920	880	6.99	<0.001	2.6	1260		8.3	81	<0.1	<0.1	40	
	08/Nov/01			969	9	8	64	18.3	1960	848	7.28	<0.001	2.9	1080	7070	9	85	<0.1	<0.1	50	
	09/Apr/01			420	9.9	<2		21.7	1920	901	6.65	<0.001	3.9	1060		8.3	72	<0.1	<0.1	65	
	09/Nov/17			944	8.2	<2	57	17.9	1900	833	7.05	<0.001	4.3	1050	10900	6.4	72	0.1	<0.1	71	
	10/Jul/01			934	11.4	4		15	1830	790	7.15	<0.001	9.6	1000		13	2	<0.1	<0.1	46	
	10/Nov/23			901	11.7	2	53	17.5	1770	854	7.28	<0.001	3.6	975	18500	12.2	59	<0.1	<0.1	45	
	11/Nov/11			956	11.1	3	255	17.6	1810	932	7.16	<0.001		998	15100	11.9	51	<0.1	<0.1	32	
	12/May/17			948	11.9	4	244	16.7	1820	799	7.13	<0.001	5.96	1000	23400	12.7	45.9	<0.1	<0.1	30	<0.00002
	13/Jul/25			261	<0.050	<2.0	76	3.7		258	8.13	0.0023	1.3	334	3040	0.21	6.2	<0.10	<0.10	31.9	<0.00010
	13/Oct/24			940	7.41	2.6	143	16.0		827	7.19			819	37500	9.37	35.6	<0.10		32.2	<0.00010
	14/Jun/18			960	9.13	3.1	78	17.3		831	7.17	0.0025	3.22	981	6200	10.4	35.6	<0.10	<0.10	33	<0.00010
	14/Oct/22			959	7.36	3.3	74	15.9		776	7.13	0.0028	2.66	943	8360	11.1	31.4	<0.10	<0.10	36.5	<0.00010
	15/May/06			892	10.1	ND (20)	128	14.6	1590	835	7.5	0.005	2.59	970	5060	10.1	30	ND (0.1)	ND (0.05)	39	nd
	15/May/06		DUP	916	10.2	ND (40)	160	15.4	1630	844	7.5	0.006	2.4	946	5220	9.2	30	ND (0.1)	ND (0.05)	39	nd
	15/Nov/16			885	8.61	4	94	14.3	1610	750	7	0.002	1.33	948	5300	11.1	27	ND (0.1)	ND (0.05)	39	nd
	15/Nov/16		DUP	892	9.3	8	102	14.8	1640	873	7.3	0.002	1.75	912	4380	13.6	27	ND (0.1)	ND (0.05)	39	nd
	16/Nov/28			857	11.4	22	106	12.6	1610	651	7.1	0.006	5.28	924	8880	11.6	24	<0.1	<0.05	77	<0.0001
	17/Aug/03	17-W002		954	8.06	4	71	15.5	1540	827	7.1	0.004	3.73	924	6090	9.8	24	<0.1	<0.05	35	<0.0001
	17/Nov/23	17-W028		921	9.2	<20	119	12.3	1590	740	7.1	<0.001	3.41	940	8410	10.1	26	<0.1	<0.05	46	<0.0001
	18/May/24	18-W016		814	7.98	5	77	14.9	1530	800	7.57	<0.001	4.73	835	8600	10.4	21.1	0.06	<0.05	40	<0.00002
	18/Nov/26	18-W033		772	7.77	<3	132	19.5	1530	753	7.53	0.013	2.85	835	9400	11.5	19.3	<0.05	<0.05	42	<0.00002
	19/May/07	19-W008		767	7.29	<3	165	16.8	1520	778	7.19	<0.002	7.38	829	16900	11	18.5	<0.05	<0.05	27	<0.00002
	19/Nov/26	19-W050		748	7.42	<3	39	19.6	1470	747	7.55	<0.002	5.72	801	4500	11	21.6	0.10	<0.05	29	<0.00002
	20/Apr/07	20-W007		761	7.30	<3	118	15.8	1460	822	7.44	<0.002	6.10	795	13200	10.5	17.4	0.07	<0.05	25	<0.00002
	20/Nov/17	20-W040		701	7.42	<3	49	11.2	1420	762	7.42	<0.002	4.29	770	13300	10.9	15.8	<0.05	<0.05	30	<0.00002
	21/May/19	21-W041		759	7.56	<3	145	15.9	1420	720	7.44	<0.002	10.50	773	26000	12.6	17	0.88	< 0.5	21	<0.00002
	21/Oct/28	21-W064		661	7.57	<3	123	12.6	1190	655	8.02	<0.002	1.55	640	11600	11.1	15.7	<0.05	<0.05	22	<0.00002
	22/May/12	22-W026		803	7.17	<3	108	12.8	1420	753	7.52	<0.001	3.42	770	6200	9.8	15.3	0.09	<0.05	21	<0.00002
	22/Nov/01	22-W051		747	6.76	<3	95	10.5	1400	670	7.28	0.008	2.26	761	4920	8.9	14.9	<0.05	<0.05	24	<0.00002
99-1	98/Oct/01			312					730	369	7.35					4.3	26.7	0.92	<0.05	62.2	
	99/Jun/01				0.3			6.9	842	342	7.25					4.4	13.3	0.53	<0.05	34.6	
	99/Oct/01				0.05			6.0	667	380	7.36					0.4	16	11	<0.1	98	
	00/Jul/01				nd		640	4.8								1.3	16	6.2	nd	31	nd
	00/Oct/01				nd			7.4	780	350	7.3					0.45	12	0.4	nd	39	nd
	01/Dec/01				0.11			7.4	605	231	7.61					0.86	6.5	0.7	nd	72	nd
	03/Jul/01			289	0.06	<0.5		9.6	600	285	7.86	<0.001	<0.05		366	0.72	5.3	0.2	<0.2	47.1	<0.00005
	03/Oct/01			161		6.7		7.3	375	117	7.57	nd		306		0.83	3.8	1.4	nd	34.2	
	04/May/01			297	0.4	1.3		13.1	596	274	7.32			384		1.3	6.6	nd		38.9	
	04/Nov/01			282		6.7		8.3	592	299	7.64	nd	1.13	340	5800	0.63	7.3	0.2	nd	38.6	
	05/May/01			385	0.25	nd		3.5	673	378	8.24			709		0.4	8.59	nd		15.5	
	05/Oct/01			218	nd	6		10.3	468	176	8.2	nd	0.57	345		1.2	2	0.5	nd	34	
	06/Apr/01			300	0.16	4		9.7	561	250	8	nd	0.49	353		1.3	3	nd		31	
	06/Oct/01			239	0.2	<2		8.6	548	270	8.1	<0.001	1	349		5	4	1.5	0.02	39	
	07/May/01			268	0.31	2		9.0	590	297	7.37	<0.001	5.7	389		1.9	2	0.2	<0.1	32	
	08/May/14			228	0.15	6		7.9	522	220	7.4	<0.001	1.53	345	3680	4	2	0.4	<0.1	51	
	09/Apr/01			360	0.05	3		8.7	590	231	6.8	<0.001	1.9	325		6.2	3	1.3	<0.1	35	
	09/Nov/17			204	0.05	<2	556	6.2	451	176	7.68	<0.001	1.02	248	1900	2	2	1.7	<0.1	26	
	10/Jul/14			271	1	9		5.7	662	243	7.91	<0.001	4.2	364		16	2	0.5	0.1	28	
00-1	00/Oct/01				17			34	2530	800	7.1					19	260	0.5	nd	140	8.1
	01/Dec/01				1.12			61.4	1720	577	7.29					4.12	182	14.4	nd	209	0.65
	02/Nov/01				0.83			55	1600	593	7.45					4.22	169	19	nd (2.0)	398	0.314
	03/Jul/01			686	0.46	2.3		62.6	2070	650	7.6	<0.001	3.93		1350	3.09	233	0.2	<0.2	222	2.19

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
	03/Oct/01					2.8		64.2	1850	640	7.03	nd (.002)		1340		3.83	230	1.2	nd	158	1.36
	04/May/01			797	5.02	1.1		44.6	1810	732	7.15			1250		6.96	148	1.5		99.2	3.05
	05/May/01			na																	
	05/Oct/01			331	4.82	16		33.6	1190	360	7.95	nd	2.42	1150		53.3	77	nd	6.1	179	
	06/Apr/01			545	2.33	4		42.7	1020	410	8.2	0.001		598		4.2	0.27	nd		28	
	06/Oct/01			459	4.46	6		36	1430	510	7.8	<0.001	1.8	925		8	150	3	0.18	94	
	07/May/01			772	3.36	21		26.4	1460	745	6.97	0.015	2.2	961		10	69	<0.1	<0.1	25	3.75
	07/Oct/01			Dry																	
	08/May/14			438	0.42	11		25	1220	537	7.7	<0.001	13.6	803	12300	53	43	0.4	<0.1	62	1.23
03-2	03/Jul/01			433	<0.03	<0.5		2.9	1450	635	7.79	<0.001	0.006		1010	0.31	241	0.4	<0.2	41.4	<0.00005
	03/Oct/01					0.9		6.6	658	299	7.88	nd(0.002)		404		0.35	2.9	nd	nd	4.9	
	04/May/01			412	0.17	nd		5.2	677	329	7.9			394		0.3	2.4	nd		3.9	
	04/May/01		DUP	405	0.12	nd		5.1	667	330	7.9			384		0.23	2.1	nd		3.7	
	04/Nov/01			390		nd		7.9	677	364	7.95	nd	13.9	416	9410	0.37	2.6	nd	nd	5.1	
	04/Nov/01		DUP	384		nd		8.3	673	362	8.21	nd	17.9	400	15400	0.38	2.6	nd	nd	3.5	
	05/May/01			410	0.04	nd		5.2	677	359	8.27			950		7	5.8	nd		2.4	
	05/Oct/01			395	0.12	10		5.0	658	290	8.17	nd	13.4	620		3.6	3	nd	nd	3	
	06/Apr/01			434	0.16	nd		4.8	705	340	8.3	nd	8.3	374		0.5	4	nd		5	
	06/Oct/01			412	0.46	<2		5.6	719	420	8.1	<0.001	10	395		3	3	<0.1	<0.01	4	
	07/May/01			408	<0.05	4		4.3	708	370	7.67	<0.001	1.64	467		0.7	3	<0.1	<0.1	4	
	07/Oct/01			256	0.42	12		13.3	504	184	7.25	<0.001	7.4	332		2	3	<0.1	<0.1	18	
	08/May/14			367	0.17	<2		5.2	682	330	7.99	<0.001	3.2	450		0.9	4	2.5	0.2	8	
	09/Apr/01			431	0.05	<2		5.4	694	338	7.53	<0.001	2.5	381		0.9	1	0.2	<0.1	4	
	10/Jul/01			386	0.65	4		5.8	871	334	8.07	<0.001	19	479		3	3	<0.1	<0.1	3	
	10/Nov/23			377	0.35	<2	171	6.0	684	346	8.19	<0.001	8.2	376	13000	12.2	3	<0.1	<0.1	2	
	10/Nov/23		DUP	377	0.39	<2	213	6.4	677	347	8.23	<0.001	8.4	372	21300	14.4	3	<0.1	<0.1	2	
	11/May/31			375	0.14	15	553	5.8	689		8.32	<0.001	1.29	379	122000	0.7	3	<0.1	<0.1	5	
	11/Nov/11			398	0.31	8	867	6.1	712	355	8.25	<0.001		392	83100	5.8	4	0.1	<0.1	3	
	12/Apr/25			389	0.34	7	1180	4.5	723	352	8.17	<0.001	0.22	398	90800	0.4	3.6	0.1	<0.1	5	0.00027
	12/Oct/10			217	0.325	12	530	17.7	426	200	8.1	< 0.001		234	78000	21.5	1.8	0.1	< 0.1	7	< 0.00002
15-1	15/Nov/16			638	0.28	ND (2)	111	6.8	1190	627	7.5	ND (0.002)	6.74	910	16200	1.1	37	ND (0.1)	ND (0.05)	20	nd
	16/Nov/15			673	0.23	36	176	7.4	1290	631	7.4	<0.004	6.4	718	10400	1.1	44	<0.1	<0.05	24	<0.0001
	17/Aug/03	17-W009		678	0.26	3	33	8.4	1160	623	7.4	<	0.69	706	11000	0.6	35	<	<	21	<
	17/Nov/23	17-W027		721	0.3	<20	116	7.1	1290	637	7.4	<0.002	8.26	744	15100	1.3	45	<0.1	<0.05	25	<0.001
	18/May/24	18-W017		503	0.22	< 2	14	7.2	914	501	7.87	<0.001	0.15	485	14	0.5	13.9	< 0.05	<0.05	13	<0.00002
	18/Nov/27	18-W049		615	0.29	< 3	116	10.5	1300	676	7.79	<0.002	6.31	704	39000	1.3	47.1	< 0.05	<0.05	25	<0.00002
	19/May/07	19-W005		451	0.29	8	250	7.4	952	463	7.54	<0.002	24.1	506	79000	2.0	20.9	< 0.05	<0.05	19	<0.00002
	19/Nov/26	19-W046		573	0.25	3	1050	11.9	1210	698	7.75	<0.002	21.7	653	27000	2.4	45.0	0.13	<0.05	29	<0.00002
	20/Apr/07	20-W004		482	0.21	4	630	7.7	966	792	7.74	<0.02	35.1	514	29600	5.7	20.8	0.13	<0.05	18	<0.00002
	20/Nov/17	20-W037		585	0.28	< 3	412	5.2	1260	693	7.57	<0.002	48.1	681	61800	3.7	48.4	<0.05	<0.05	26	<0.00002
	21/May/19	21-W040		435	0.17	< 3	247	6.9	933	478	7.8	<0.002	20.1	496	108000	2.7	30.2	0.1	0.09	23	<0.00002
	21/Oct/28	21-W061		546	0.14	10	280	8.0	1100	510	8.02	<0.002	68.8	592	107000	27.9	47.1	< 0.05	<0.05	28	<0.00002
	22/May/12	22-W025		494	0.21	5	39	5.9	970	515	7.87	<0.001	27.2	517	34800	13.1	28.5	0.14	<0.05	29	<0.00002
	22/Nov/01	22-W058		637	0.36	9	1420	4.8	1280	637	7.63	0.003	27.6	690	85500	13	51.6	< 0.05	<0.05	33	<0.00002
15-2	15/Nov/16			390	0.2	ND (2)	42	6.0	685	303	7.9	ND (0.001)	1	398	2980	0.4	3	ND (0.1)	ND (0.05)	3	nd
	16/Nov/15			399	0.27	3	44	5.4	703	296	7.8	<0.001	3.63	390	14500	0.5	3	<0.1	<0.05	2	<0.0001
	17/Aug/03	17-W008		412	0.14	<2	<10	6.0	644	326	7.9	<0.001	0.2	446	6920	0.3	3	<0.05	<0.1	3	<0.001
	17/Nov/23	17-W024		408	0.2	<2	64	4.1	678	296	7.9	<0.001	7.05	390	3870	0.6	3	<0.05	<0.1	3	0.001
	18/May/23	18-W008		355	0.19	3	31	8.4	654	330	8.21	<0.001	4.96	340	61000	0.9	4.2	<0.05	<0.05	3	<0.00002
	18/Nov/26	18-W031		346	0.18	<3	36	7.8	669	319	8.2	<0.002	0.54	347	12600	0.4	3	<0.05	<0.05	2	<0.00002
	19/May/07	19-W003		345	0.25	<3	41	8.4	676	322	7.96	<0.002	11.8	351	6600	0.5	3.0	<0.05	<0.05	5	<0.00002
	19/Nov/26	19-W048		364	0.22	<3	43	9.2	656	319	8.08	<0.002	2.32	341	2800	0.5	3.1	0.19	0.16	6	<0.00002
	20/Apr/07	20-W002		336	0.13	<3	14	6.7	645	334	8.07	<0.002	1.45	335	18300	0.3	3.1	0.11	<0.05	3	<0.00002
	20/Nov/17	20-W035		332	0.16	<3	6	5.3	649	328	8.09	<0.002	0.79	337	9920	0.3	3.5	<0.05	0.08	3	<0.00002
	21/May/19	21-W037		351	0.14	<3	29	6.5	652	316	8.14	<0.002	1.87	339	4760	0.3	2.9	<0.05	0.07	3	<0.00002
	22/Nov/01	22-W060		346	0.14	<3	45	8.2	635	290	8.08	<0.001	2.36	330	16300	<0.1	0.9	<0.05	<0.05	1	<0.00002
MW101	17/Nov/23																				
	18/May/23																				
	18/Nov/26																				
	19/May/07																				
	19/Nov/13																				
	20/Apr/07																				
	20/Nov/17																				
	21/May/19																				
	21/Oct/27																				
	22/May/12																				
	22/Nov/01																				
MW102	17/Nov/23	17-W035		512	0.08	<2	54	6.7	1270	596	7.5	<0.001	3.83	764	14500	0.9	108	0.7	<0.05	82	<0.001
	18/May/24	18-W020		422	0.05	<2	19	6.4	1340	628	7.86	<0.001	6.85	727	34000	0.7	162	0.88	<0.05	57	<0.00002
	18/Nov/27	18-W038		380	0.07	<3	11	4.9	1430	606	7.86	<0.002	0.43	778	4500	0.6	198	<0.05	<0.05	58	<0.00002
	19/May/08	19-W018		394	0.07	<3	44	6.2	1410	622	7.55	<0.002	7.89	766	14800	0.8	186	1.84	<0.05	58	<0.00002
	19/Nov/13	19-W041		371	0.13	<3	83	3.2	1570	686	7.77	<0.002	7.44	855	17200	0.6	266	0.81	<0.05	50	<0.00002
	20/Apr/07	20-W010		383	0.05	<3	23	4.6	1360	619	7.56	<0.002	4.43	738	6100	0.6	177	3.24	<0.05	56	<0.00002
	20/Nov/18	20-W055		349	0.05	<3	24	3.3	1580	653	7.71	<0.002	1.9	865	3620	0.5	266	< 0.05	<0.05	50	<0.00002
	21/May/18	21-W028		413	0.05	<3	12	4.9	1380	578	8.04	<0.002	1.89	751	5350	0.6	189	2.22	0.27	52	<0.00002
	21/Oct/28	21-W076		324	0.05	<3	11	3.2	1400	648	8.14	<0.002	0.83	760	10100	0.5	251	0.07	<0.05	48	<0.00002
	22/May/11	22-W018		404	0.02	<3	22	3.2	1520	601	7.9	<0.001	0.07	829	690	0.4	231	2.69	<0.05	44	<0.00002
	22/Nov/01	22-W046		398	0.07	<3	13	1.6	1380	556	7.7	<0.001	0.25	749	286	0.7	196	2.36	<0.05	58	<0.00002

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Groundwater Sampling Location	Date	Sample ID	RL (2022)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS
MW103	17/Nov/23	17-W034		519	0.27	<20	134	10.1	1600	602	7.5	<0.001	10.3	956	10700	2.3	171	5.2	0.12	165	<0.001
	18/May/24	18-W021		483	0.15	3	78	11.1	1340	631	7.78	<0.001	23	727	22000	3.7	100	6.75	0.05	106	<0.00002
	18/Nov/26	18-W039		393	0.05	<3	44	6.4	1460	472	7.84	0.004	0.92	795	28000	0.8	174	0.33	<0.05	90	<0.00002
	19/May/08	19-W019		370	0.19	6	410	9.2	1300	605	7.59	<0.002	22.9	704	25600	3.7	135	2.19	<0.05	106	<0.00002
	19/Nov/13	19-W042		397	0.12	<3	170	4.8	1360	599	7.82	<0.002	5.12	737	5800	1.1	180	<0.05	<0.05	72	<0.00002
	20/Apr/07	20-W011		384	0.05	<3	122	8.0	1320	638	7.57	<0.002	8.38	715	15600	2.4	83.9	25.9	0.13	94	<0.00002
	20/Nov/18	20-W056		312	0.20	<3	241	82.3	1580	702	7.63	<0.002	2.76	861	7500	10.3	112	23.5	<0.05	264	<0.00002
	21/May/18	21-W027		406	0.06	<3	170	12.5	1270	574	7.85	<0.002	10.5	686	10500	2.2	78.5	22.4	0.29	102	<0.00002
	21/Oct/28	21-W077		371	0.10	<3	185	4.5	1340	569	8.34	<0.002	0.65	727	23700	0.4	196	0.07	<0.05	66	<0.00002
	22/May/11	22-W019		404	<	<3	752	6.4	1300	609	7.84	<0.001	66.7	705	36000	17.9	84.4	26.8	<0.05	94	<0.00002
	22/Nov/01	22-W048		399	0.08	<3	52	3.8	1360	556	7.62	<0.001	0.86	740	1000	1.4	135	16.3	<0.05	125	<0.00002
MW104	17/Nov/23	17-W043		413	0.09	<2	68	0.8	1200	531	7.9	<0.001	7.13	644	13100	0.7	165	<0.1	<0.05	41	0.003
	18/May/24	18-W019		363	0.03	<2	38	4.3	1130	546	8.08	< 0.001	0.02	607	102000	0.5	145	<0.05	<0.05	35	<0.00002
	18/Nov/26	18-W059		378	0.05	<3	44	2.5	1180	560	7.97	0.004	3.77	636	208000	0.3	159	<0.05	<0.05	35	<0.00002
	19/May/08	19-W021		337	0.06	<3	22	6.7	1200	569	7.82	<0.002	3.28	647	13900	0.3	157	0.08	<0.05	32	<0.00002
	19/Nov/12	19-W031	LF	336	0.08	<3	<5	1.4	1210	592	7.95	<0.002	0.02	653	14	0.2	173	<0.05	<0.05	33	<0.00002
	20/Apr/08	20-W020		339	0.04	<3	<5	3.0	1090	527	7.86	<0.002	1.41	585	22700	0.1	130	0.07	<0.05	32	<0.00002
	20/Nov/18	20-W053		327	0.05	<3	51	1.6	1210	593	7.87	<0.002	4.56	651	9480	0.4	174	<0.05	<0.05	35	<0.00002
	21/May/18	21-W024		378	0.03	<3	<5	2.0	1090	513	8.06	<0.002	1.11	584	4280	0.2	131	0.1	0.17	34	<0.00002
	21/Oct/28	21-W069	LF	334	0.06	<3	<5	1.5	1050	542	8.31	<0.002	0.06	561	26	0.2	136	<0.05	<0.05	32	<0.00002
	22/May/11	22-W010		373	<0.01	<3	6	1.5	1220	563	7.94	<0.001	0.03	660	9	<	170	0.45	<0.05	35	<0.00002
	22/Oct/31	22-W041		367	0.03	<3	<5	<0.2	1130	506	7.92	<0.001	0.03	605	9	0.2	152	<0.05	<0.05	39	<0.00002
MW105	17/Nov/23	17-W044		458	0.12	6	56	1.6	1230	496	7.8	<0.001	8.54	656	10700	1.1	147	<0.1	<0.05	49	<0.001
	18/May/24	18-W018		367	0.02	2	5	3.4	1140	564	8.05	<0.001	0.04	613	25400	0.3	149	0.08	<0.05	37	<0.00002
	18/Nov/26	18-W045		356	0.07	<3	93	2.5	1250	565	7.99	0.005	4.25	676	10000	0.6	163	0.06	<0.05	44	<0.00002
	19/May/08	19-W022		352	0.03	<3	370	2.4	1200	580	7.78	<0.002	23.6	647	44400	1.2	150	<0.05	<0.05	37	<0.00002
	19/Nov/12	19-W032	LF	343	0.05	<3	<5	1.9	1260	619	7.88	<0.002	0.04	681	24	0.2	185	<0.05	<0.05	34	<0.00002
	20/Apr/08	20-W019		344	0.02	<3	59	2.2	1220	579	7.87	<0.002	4.7	658	5900	0.6	173	<0.05	<0.05	36	<0.00002
	20/Nov/18	20-W060		334	<0.01	<3	<5	1.8	1240	589	7.80	<0.002	< 0.01	672	5	< 0.1	179	<0.05	<0.05	40	<0.00002
	21/May/18	21-W023		374	0.02	<3	<5	2.2	1250	571	8.04	<0.002	4.88	673	5900	1.4	178	0.15	0.21	35	<0.00002
	21/Oct/28	21-W070		303	0.02	<3	57	1.1	1150	617	8.19	<0.002	3.99	616	25000	2.1	183	0.06	<0.05	34	<0.00002
	22/May/11	22-W010		373	<0.01	<3	6	1.5	1220	563	7.94	<0.002	0.03	660	9	<	170	0.45	<0.05	35	<0.00002
	22/Oct/31	22-W041		367	0.03	<3	<5	<0.2	1130	506	7.92	<0.002	0.03	605	9	0.2	152	<0.05	<0.05	39	<0.00002
MW106	17/Nov/23	17-W042		500	0.39	<20	120	4.5	1010	460	8	<0.001	8.39	562	54600	1.5	69	<0.1	<0.05	15	<0.001
	18/May/23	18-W003	LF	376	0.31	2	16	19	820	428	8.15	<0.001	0.11	432	56	0.5	53.3	<0.05	<0.05	13	<0.00002
	18/Nov/27	18-W050	LF	460	0.45	<3	138	8.5	1080	524	8.03	0.003	11.3	579	103000	2.1	66.9	<0.05	<0.05	13	<0.00002
	19/May/08	19-W028		412	0.42	6	500	7.0	956	461	8.04	<0.002	31.3	509	93000	2.2	55.4	0.17	<0.05	18	<0.00002
	19/Nov/12	19-W033		462	0.43	<3	74	8.9	1010	500	8.06	<0.002	10.9	536	8100	1.3	59.4	<0.05	<0.05	13	<0.00002
	20/Apr/07	20-W027		481	0.34	<3	116	6.6	1120	523	7.97	<0.002	9.96	602	18800	1.3	68.9	0.05	<0.05	13	<0.00002
	20/May/12	20-W031		472	0.33	5	79	8.4	1090	578	8.05	<0.002	3.89	585	13500	0.9	65.7	0.06	<0.05	13	<0.00002
	20/Nov/17	20-W045		481	0.30	<3	14	3.8	1130	564	7.96	<0.002	0.05	608	35	0.7	72.4	<0.05	<0.05	13	<0.00002
	21/May/18	21-W014		554	0.36	3	80	6.7	1160	457	8.01	<0.002	4.9	623	13300	1.0	70.9	0.19	0.16	14	<0.00002
	21/Oct/27	21-W049	LF	534	0.32	<3	15	8.3	1120	611	8.28	<0.002	0.08	599	28	0.7	74.5	<0.05	<0.05	14	<0.00002
	22/May/11	22-W005		569	0.31	<3	27	6.7	1220	524	8.02	<0.002	0.46	656	1070	0.5	73.1	0.43	<0.05	13	<0.00002
	22/Oct/31	22-W037		566	0.32	4	21	4.4	1220	575	7.97	<0.002	0.06	658	13	0.8	63.2	<0.05	<0.05	26	<0.00002
MW107	18/May/23	18-W004		687	0.08	13	77	20.2	2710	1190	7.97	<0.001	4.33	1510	4000	0.7	191	<0.5	<0.5	835	<0.00002
	18/Nov/27	18-W058		759	0.06	8	141	15	2920	1190	7.91	<0.002	3.14	1628	1750	1.3	166	<0.05	<0.05	722	<0.00002
	19/May/08	19-W025		647	0.04	-	-	10.3	2410	985	7.85	-	0.65	1340	-	0.7	147	<0.05	<0.05	508	<0.00002
	19/Nov/13	19-W036		497	0.08	<3	37	5.9	1980	858	7.92	<0.002	1.19	1090	1890	0.7	106	<0.5	<0.5	434	<0.00002
	20/Apr/07	20-W025		660	0.01	<3	33	7.1	2320	1040	8.01	<0.002	0.61	1290	890	0.7	129	0.62	<0.05	517	<0.00002
	20/Nov/18	20-W058		748	0.01	<3	27	8.0	2400	1160	7.78	<0.002	0.13	1330	8	0.7	134	0.9	<0.05	468	<0.00002
	21/May/18	21-W018		818	0.03	<3	58	9.3	2350	1070	7.99	<0.002	0.61	1300	334	0.8	125	1.57	0.74	440	<0.00002
	21/Oct/27	21-W052		715	0.02	<3	19	8.2	2140	1120	8.07	<0.002	0.08	1180	348	<0.1	129	1.13	<0.05	403	<0.00002
	22/May/11	22-W008		905	<0.01	<3	59	7.2	2500	1200	7.92	<0.002	0.28	1390	396	0.5	130	1	<0.05	353	<0.00002
	22/Nov/01	22-W043		820	0.05	<3	45	3.7	2320	1170	7.81	<0.002	0.09	1290	252	0.8	168	<0.05	<0.05	397	<0.00002
MW201	19/Nov/26	19-W053		445	0.21	<3	108	7.6	1600	155	8.28	< 0.002	6.93	875	19300	0.6	130	0.65	0.32	188	<0.00002
	20/Apr/08	20-W022		435	0.04	-	93	3.0	1460	242	8.26	<0.002	8.33	795	12600	0.8	125	1.52	<0.05	129	<0.00002
	20/Nov/17	20-W044		441	0.06	4	132	0.7	1480	219	8.46	<0.002	10.4	807	289000	0.9	123	1.81	<0.05	142	<0.00002
	21/May/18	21-W019		511	0.01	5	275	3.3	1410	162	8.42	<0.002	16.8	768	20800	1.8	111	2.65	0.15	92	<0.00002
	21/Oct/27	21-W054	LF	515	<0.01	<3	< 5	1.5	1390	153	8.61	<0.002	0.05	575	76	0.2	106	1.86	0.06	90	<0.00002
	22/May/11	22-W001		528	<0.01	<3	12	1.6	1410	159	8.35	<0.001	0.26	764	17	0.1	102	3.98	<0.05	76	<0.00002
	22/Oct/31	22-W036		504	0.04	<3	<	0.4	1400	127	8.27	0.003	0.04	762	10	0.2	122	3.38	<0.05	61	<0.00002
MW202	19/Nov/13	19-W044		402	0.06	<3	1000	9.1	1100	502	8.02	<0.002	28.6	590	14800	2.9	89.1	3.63	<0.05	27	<0.00002
	20/Apr/07	20-W023		403	0.03	<3	480	2.9	1120	503	7.90	<0.002	20.5	602	20800	2.1	96.9	4.32	<0.05	28	<0.00002
	20/Nov/17	20-W043		387	0.03	<3	188	0.6	1110	514	7.90	<0.002	28.2	598	26900	3.4	105	3.80	<0.05	31	<0.00002
	21/May/18	21-W020		431	0.01	<3	112	2.5	1070	470	7.97	<0.002	8.91	575	13200	2.4	87.8	4.90	0.14	27	<0.00002
	21/Oct/27	21-W053	LF	428	<0.01	<3	<5	2.0	1060	474	8.42	<0.002	0.05	567	19	0.1	91	4.42	<0.05	28	<0.00002
	22/May/11	22-W002		411	<0.01	<3	8	2.0	1120	469	7.98	<0.002	0.02	603	20	<	106	4.58	<0.05	27	<0.00002
	22/Oct/31	22-W034		398	0.04	<3	<5	1.4	1120	466	7.91	0.001	0.02	604	6	0.2	109	5.12	<0.05	27	<0.00002
	22/Oct/31	22-W035	DUP	398	0.04	<3	<5	0.6	1140	461	7.86	<0.001	0.02	611	8	0.2	115	5.38	<0.05	28	<0.00002
MW203	19/Nov/13	19-W039		355	0.20	<3	21	5.8	928	433	8.03	<0.002	0.07	493	41	0.4	69.8	<0.05	<0.05	24	<0.00002
	20/Apr/07	20-W028		379	0.14	<3	23	6.1	952	445	7.99	<0.002	0.18	506	120	0.4	62.5	0.06	<0.05	20	<0.00002
	20/May/12	20-W032		377	0.15	<3	21	7.1	931	455	8.00	<0.002	0.12	494	630	0.5	65.6	<0.05	<0.05	22	<0.00002
	20/Nov/17	20-W046		367	0.14	<3	10	5.3	922	408	8.08	<0.002	0.05	489	24	0.4	61.7	<0.05	<0.05	21	<0.00002
	21/May/18	21-W015		444	0.14	<3	11	7.5	954	439	8.04	<0.002	0.16	508	82	0.4	55.4	0.12	0.12	21	<0.00002
	21/Oct/27	21-W047	LF	427	0.12	<3	8	5.9	913	442	8.40	<0.002	0.09	848	44	0.4	55.1	<0.05	<0.05	22	<0.00002
	22/May/11	22-W004		440	<0.01	<3	21	4.6	985	447	8.08	<0.001	0.53	525	176	0.2	54.6	0.47	<0.05	24	<0.00002
	22/Oct/31	22-W038		441	0.06	<3	5	3	1000	450	7.97	<0.001	0.17	534	15	0.3	80.4	<0.05	<0.05	17	<0.00002
MW301	21/Oct/28	21-W074		304	0.01	<3	<5	5.3	628	330	8.30	<0.002	0.42	326	88	0.2	16.7	<0.05	<0.05	26	<0.00002
	22/May/11	22-W012		329	<0.01	<3	5	3.1	683	325	8.10	<0.01	0.16	355	21	<0.1	15.7	0.05	<0.05	26	<0.00002
	22/Oct/31	-																			
379 Eden Grove Road	21/Feb/03	21-W012		314	0.12	<3	<5	2.8	711	339	7.86	<0.002	<0.01	369	<3	0.2	6.3	<0.05	<0.05	44	<0.00002
391 Eden Grove Road	21/Feb/04	21-W013		323	0.07	<3	<5	2.9	717	343	7.95	<0.002	0.02	372	3	0.1	6.3	<0.05	<0.05	44	<0.00002
	22/May/11	22-W017		420	0.15	<3	14	1.6	1600	635	8.12	<0.002	0.03	875	<3	0.4	259	<0.05	<0.05	51	<0.00002
	22/Nov/01	22-W062		399	0.04	<3	6	0.7	1470	551	7.97	<0.002	0.01	801	16	0.3	254	<0.05	<0.05	51	<0.00002

Notes: "-" denotes not analyzed
"RL" denotes reporting limit
"<" denotes results below reporting limit
"MW###" and "## - #" denote groundwater monitoring well
"DUP" denotes duplicate sample
"LF" denotes low flow sampling method used
groundwater samples analyzed for metals were field filtered using 0.45 micron filters
[a] the local medical health officer should be notified when the sodium concentration exceeds 20 mg/L
denotes concentration exceeds the Ontario Drinking Water Standards
AO indicates aesthetic objective OG indicates operational objective CS Chemical standards
Data from 2016 and prior provided by the Township and Leeds and Thousand Islands
Malroz was not able to independently validate historic chemistry and exceedances, provided by the Township of Leeds and the Thousand Islands

DRAFT Historical Groundwater Chemistry

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
Groundwater Sampling Location	Date	Sample ID	RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[d]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
			PWQO	0.075[b]	0.005		0.200	(note c)		(note d)	0.0009	0.0005[e]	0.3	0.005[f]			0.025		0.0001			0.005	0.006	0.02						
89-1	89/Nov/01								186						102			44		122									-	
	90/Jun/01								161				47		13	0.78		52		129									-	
89-2	89/Nov/01								165						90			3		99									-	
	91/Nov/01								178				7.51		97	0.13		2		109									-	
	93/Jun/01																												-	
	93/Oct/01								40				0.08		41	0.19		5		24									-	
	94/Sep/01								212				13.9		90	0.19				266									-	
	95/Jun/01								224				13		97	0.22				140									-	
	96/Nov/01								112				0.17		56	0.11				416									-	
	08/May/01			0.02	0.001	0.151	0.011	<0.00002	66.7	<0.002		0.003	0.088	<0.02	34.7	0.031		1.4		7.2				0.081					-	
89-3	89/Nov/01								122						71			17		89									-	
	91/Nov/01								223				0.06		97	0.09		12		147									-	
	93/Jun/01																												-	
	93/Oct/01								63				0.02		32					16									-	
	94/Sep/01								212				13.9		90	0.17				266									-	
	95/Jun/01								200				24.6		72	3.54				21									-	
	96/Nov/01								181				58.1		61	2.35				164									-	
89-4	89/Nov/01								19						7			1		5									-	
	90/Jun/01								40				nd		21					19									-	
	93/Jun/01																												-	
	93/Oct/01								100				1.05		102	0.45		3		125									-	
	96/Nov/01								58				0.12		42	nd		3		26									-	
	98/Oct/01								57.9				0.1		43.9	0.04		3.15		30.7									-	
89-6	99/Oct/01								230						110			3.4		40									-	
	00/Jul/01				nd	0.3	0.1	nd	130	nd	nd	nd	0.6	nd	550	1.1		2.6	nd	33			nd	0.02					-	
	00/Oct/01				0.01	3.3	0.15	0.001	920	1.3	0.33	0.65	800	1.2	540	19		130	0.002	25			1.5	0.6					-	
	03/Oct/01			0.019	nd	0.105	0.091	nd	67.7	nd		0.0038	0.08	0.001	45.1	nd		1.8		27				nd					-	
11-1	11/Nov/11			0.08	0.0054	0.722	0.026	<0.00002	203	<0.002		<0.002	2.42	0.00007	142	0.515		4.6		48.1	1.61			<0.005					-	
	12/Apr/25			0.11	0.0054	0.569	0.042	<0.00002	175	0.0037		<0.002	8	0.00008	130	0.669		2.9		52.9				<0.005					-	
	12/Oct/10			0.24	0.0066	0.586	0.044	< 0.005	199	< 0.002		< 0.002	2.51	0.00009	123	0.664		3.3		60.6				< 0.005					-	
	13/Jul/24			<0.010	0.0076	0.944	0.036	<0.000090	232	<0.00050		<0.0010	7.63	<0.00050	120	0.99		2.8	<0.00010	83.1				<0.0030					-	
	13/Oct/24					0.595	0.033		182				7.05	<0.00050	102	0.796		2.4		83.6									-	
	13/Oct/24		DUP			0.627	0.032		184				6.85	<0.00050	101	0.812		2.4		82.4									-	
	14/Jun/18			<0.010	0.0045	0.539	0.034	<0.000090	165	<0.00050		<0.0010	5.56	<0.00050	85.1	0.71		2.4	<0.00010	90.3				<0.0030					-	
	14/Oct/22			<0.010	0.0059	0.555	0.038	<0.000090	159	<0.00050		<0.0010	4.52	<0.00050	95.6	0.79		2.6	<0.00010	93.5				0.0038					-	
	15/Jun/05			nd	0.004	0.582	0.051	nd	180	nd	0.0032	nd	4.64	nd	99.2	0.989		2.37	nd	97.1	1.2	0.0022	nd	nd					-	
	15/Nov/16			0.021	0.006	0.528	0.058	nd	158	nd	0.0022	nd	3.95	nd	119	0.763		2.54	nd	92.5	1.01	0.0043	nd	nd					-	
	16/Nov/28			0.117	0.004	0.533	0.054	<0.0001	169	<0.001	0.0034	<0.0005	3.64	0.0001	97.7	0.836		2.4	<0.0001	92.1	1.06	0.0041	<0.0005	<0.005					-	
	17/Aug/03	17-W017		<0.001	0.006	0.604	0.034	<0.001	223	<0.001	0.0037	<0.0005	8.4	<0.0001	105	1.09	0.004	3.07	<0.0001	127	1.13	0.0033	<0.0005	<0.005	5.86	19.33	11.59	1.7	<0.010	
	17/Nov/23	17-W040		<0.001	0.009	0.593	0.042	<0.001	207	<0.001	0.003	<0.0005	5.41	<0.0001	94.4	1.02	0.004	2.29	<0.0001	125	1.09	0.0035	<0.0005	<0.005	6.89	6.66	17.47	2.3	<0.010	
	18/May/23	18-W007		0.09	0.006	0.577	0.041	< 0.000015	196	< 0.001	0.0032	0.0006	6.55	0.00008	105	1.09		2.1	<0.0001	133	1.07	0.00173	<0.005	<0.005	7.15	9.79	0.00	2.19	<0.010	
	18/Nov/27	18-W051		0.08	0.0066	0.594	0.038	< 0.000015	193	< 0.001	0.0031	0.0006	6.58	0.00003	106	1.01		2.4	<0.0001	127	1.1	0.00227	0.008	<0.005	7.11	7.96	7.77	3.94	<0.010	
	19/May/07	19-W012		0.07	0.0037	0.618	0.034	< 0.000015	207	0.001	0.0038	<0.0001	5.25	<0.00002	103	1.23		2.1	<0.0001	130	1.06	0.00227	<0.005	<0.005	7.88	10.83	4.63	2.08	<0.010	-19
	19/Nov/12	19-W035		0.09	0.0048	0.628	0.04	0.000033	221	< 0.001	0.0042	0.0005	6.86	0.00013	107	1.30		2.3	<0.0001	123	1.17	0.00195	0.032	0.005	7.14	6.42	7.11	2.24	<0.010	35
	20/Apr/07	20-W016		0.06	0.0042	0.645	0.036	< 0.000015	218	< 0.001	0.0042	0.0014	5.82	0.00013	115	1.31	-	2.3	<0.0001	137	1.15	<0.005	0.00252	<0.005	6.93	5.96	0.00	2.36	<0.010	16
	20/Nov/18	20-W051	LF	0.10	0.0073	0.655	0.050	< 0.000029	229	< 0.001	0.0041	0.0005	8.04	<0.00009	123	1.31	-	2.6	<0.0001	133	1.32	0.00219	<0.0004	<0.005	6.96	8.96	1.23	2.50	<0.010	-38
	21/May/18	21-W031		0.10	0.0028	0.665	0.041	< 0.000029	228	< 0.001	0.0043	0.0002	7.37	<0.00009	116	1.44	-	2.2	<0.0001	124	1.21	0.00237	<0.0004	<0.005	7.01	13.77	4.92	2.22	<0.010	-78
	21/Oct/27	21-W056		0.09	0.0059	0.742	0.055	< 0.000029	243	< 0.001	0.0042	0.0002	8.9	<0.00009	124	1.39	-	2.6	<0.0001	126	1.39	0.00285	<0.0004	<0.005	7.14	13.00	10.42	2.45	<0.010	-34
	22/May/12	22-W031		0.09	0.0036	0.776	0.038	< 0.000029	259	< 0.001	0.0047	0.001	5.98	0.00019	126	1.48	-	2.2	<0.0001	132	1.34	0.00231	<0.0004	<0.005	7.11	10.81	5.1	2.02	<0.010	-15
	22/Nov/01	22-W045		0.07	0.0048	0.739	0.056	< 0.000015	246	< 0.001	0.0046	<0.0001	6.38	<0.00002	134	1.44	-	2.6	<0.0001	127	1.42	0.0031	<0.005	<0.005	7.43	12.19	4.65	2.59	<0.010	60
11-2	12/May/17			0.04	0.0012	0.09	0.037	0.00015	121	<0.002		0.002	0.29	0.0001	50.9	2.74		1.4		21.4				<0.005					-	
	12/Oct/11			0.13	0.0027	0.281	0.855	0.00012		0.0066		0.006	0.591	0.00043		0.457		6.6		123	123			0.01					-	
	12/Oct/10		DUP	0.22	0.0067	0.594	0.044	< 0.005	202	< 0.002		< 0.002	2.4	0.00006	123	0.652		3.2		60.1				<0.005					-	
	14/Jun/18			0.447	0.0013	0.32	0.724	0.000191	354	0.00104		0.0041	0.63	0.00133	92.7	6.82		7.4	<0.00010	93.9				0.0138					-	
	18/May/23	18-W005		0.12	0.0012	0.245	1.08	< 0.000015	275	0.001	0.0075	0.0011	0.044	0.00007	73	11.5		9.7	<0.0001	125	1.87	0.00212	0.017	0.007	6.74	15.94	7.76	2.25	<0.010	
	18/May/23	18-W006	LF	0.1	0.0011	0.252	1.18	0.000055	275	<0.001	0.0066	0.0018	0.485	0.00005	77.5	11.1		10	<0.0001	130	1.83	0.00252	0.017	<0.005	7.38	19.08	4.58	2.1	0.013	
	18/Nov/27	18-W053		0.1	0.0005	0.201	0.792	0.000114	242	<0.001	0.0009	0.0059	0.02	0.0001	46.6	1.2		15.1	<0.0001	72	1.96	0.0017	< 0.005	0.017	9.41	2.55	24.19	0.141	0.042	
	18/Nov/27	18-W056	LF	0.09	0.0005	0.191	0.725	0.000065	229	<0.001	0.0008	0.0056	0.012	0.00009	38.8	0.604		16.6	<0.0001	62.5	1.95	0.00142	< 0.005	<0.005	7.80	7.77	0.00	1.58	<0.010	
	19/May/07	19-W013	LF	0.11	0.0008	0.281	1.48	0.000106	300	0.003	0.0070	0.0065	1.32	0.00012	70.4	7.91		10.2	<0.0001	129	1.94	0.00244	< 0.005	<0.005	6.43	10.88	0.00	2.34	<0.010	
	19/May/07	19-W014	LF	0.12	0.0008	0.277	1.56	0.000119	298	0.002	0.0073	0.0079	0.749	0.00012	73	7.99		9.7	<0.0001	134	1.93	0.00235	< 0.005	<0.005	6.43	10.88	0.00	2.34	<0.010	4
	19/Nov/13	19-W040	LF	0.13	0.0008	0.276	1.11	0.000029	329	0.001	0.0068	0.0022	7.12	0.00013	63	10.9		16.1	<0.0001	103	2.44	0.0017	0.007	0.009	6.66	3.93	5.25	2.16	<0.010	-31
	20/Apr/07	20-W014	LF	0.09	0.0008	0.209	0.900	0.000101	286	0.001	0.0059	0.0053	7.28	0.00026	60.9	10.6	-	14.4	<0.0001	96.9	2.14	< 0.005	0.00221	0.01	6.56	7.29	2.94	2.11	<0.010	-41
	20/Nov/18	20-W050	LF	0.12	0.0006	0.259	1.11	0.000074	285	<0.001	0.0042	0.0024	0.810	0.00010	49.7	9.57	-	20.1	<0.0001	83.0	2.40	0.00158	0.0003	0.005	7.24	3.59	8.49	1.81	<0.010	15
	21/May/19	21-W044		0.11	0.0005	0.186	0.80	0.000103	273	<0.001	0.0029	0.0027	2.420	0.00008	48.2	5.83	-	14.6	<0.0001	80.8	2.05	0.00219	0.0003	<0.005	7.28	17.50	5.45	1.60	<0.010	-6
	21/Oct/27	21-W055	LF	0.07	0.0005	0.13	0.64	0.000022	176	<0.001	0.0004	0.0059	0.024	0.00006	25.1	0.05	-	15.3	<0.0001	39.4	1.57	0.00142	0.0003	<0.005	6.49	14.65	1.53	0.96	<0.010	143
	22/May/12	22-W029		0.1	0.0004	0.153	0.80	0.000059	253	<0.001	0.0008	0.0045	0.030	0.00015	43.2	2.38	-	12.7	<0.0001	67.8	1.78	0.00208	0.0002	0.005	7.79	9.57	10.05	0.56	<0.01	147
	22/Nov/01	22-W044		0.07	0.0004	0.161	1.06	0.000046	230	<0.001	0.0004	0.0053	0.009	0.00013	38.7	0.143	-	16.4	<0.0001	62.4	1.84	0.00198	0.0001	<0.005	7.08	13.76	0.00	1.19	<0.01	186
11-3	11/Nov/11			0.17	0.0008	0.346	<0.005	0.00003	127	<0.002		<0.002	0.138	0.00014	64.1	0.457		2.9		21.4	0.631			0.01					-	
	12/Apr/25			0.18	0.0005	0.317	0.025	<0.00002	132	0.0021		<0.002	0.261	0.00012	65.1	0.168		2.3		20.8				<0.005					-	
	12/Oct/11			0.4	0.0014	0.344	0.03	< 0.00002		0.0046		< 0.002	0.33	0.00015		0.208		3		29.1	29.1			< 0.005					-	
	13/Jul/24			<0.010	<0.0010	0.497	0.037	<0.000090	157	<0.00050		<0.0010	<0.050	<0.00050	72.6	0.0799		2.5	0.00011	27.9				<0.0030					-	
	13/Oct/24					0.329	0.034		129				<0.050	<0.00050	62.8	0.0623		2.4		25									-	
	14/Jun/18			0.014	<0.0010	0.443	0.056	<0.000090	160	<0.00050		<0.0010	<0.050	<0.00050	69.3	0.0523		2.3	<0.00010	28.4				<0.0030					-	
	14/Oct/22			<0.010	<0.0010	0.431	0.062	<0.000090	151	<0.00050		<0.0010	<0.050	<0.00050	78.7	0.0411		2.8	<0.00010	32.3				<0.0030					-	
	15/May/06			nd	nd	0.38	0.102	nd	177	nd	0.0007	nd	nd	nd	92.8	0.04		2.47	nd	0.396	0.77	0.0039	nd	nd					-	
	15/Nov/16			nd	nd	0.289	0.083	nd	148	nd	0.001	nd	nd	nd	97.8	0.117		2.72	nd	32.5	0.777	0.0036	nd	nd					-	
	16/Nov/28			0.02	<0.001	0.228	0.083	<0.0001	133	<0.001	0.0006	<0.0005	<0.1	<0.0001	69.7	0.05		2.5	<0.0001	36.1	0.64	0.0054	0.0012	<0.005					-	
	17/Aug/03	17-W013		<0.001	<0.001	0.225	0.098	<0.001	190	<0.001	0.0012	<0.0005	<0.1	<0.0001	83.9	0.116	0.004	2.81	<0.0001	41.6	0.715	0.0038	0.0006	<0.005	5.94	19.1	4.94	1.27	<0.010	
	17/Aug/03	17-W016	DUP	<0.001	<0.001	0.236	0.102	<0.001	189	<0.001	0.0012	<0.0005	<0.1	<0.0001	84.4	0.122	0.004	2.77	<0.0001	41.1	0.713	0.0036	0.0006	<0.005	5.94	19.1	4.94	1.27	<0.010	
	17/Nov/23	17-W038		<0.001	<0.001	0.238	0.14	<0.001	180	<0.001	0.0016	<0.0005	<0.1	<0.0001	82.6	0.15	0.005	2.68	<0.0001	42.9	0.73	0.0038	0.0006	<0.005	6.93	6.92	10.06	1.7	<0.010	
	17/Nov/23	17-W039	DUP	<0.001	<0.001	0.239	0.133	<0.001	184	<0.001	0.0015	<0.0005	<0.1	<0.0001	78.4	0.146	0.004	2.6	<0.0001	40.6	0.721	0.0036	0.0005	<0.005	6.93	6.92	10.06	1.7	<0.010	
	18/May/23	18-W011		0.1	0.0002	0.259	0.142	<0.000015	201	<0.001	0.0012	0.0007	0.017	0.00006	101	0.141		2.8	<0.0001	57.9	0.806	0.00373	< 0.005	<0.005	7.10	10.13	5.73	1.95	<0.010	
	18/Nov/27	18-W048		0.07	0.0001	0.193	0.101	<0.000015	158	<0.001	0.0013	0.001	< 0.005	< 0.00002	81.9	0.135		2.9	<0.0001	44.2	0.682	0.0035	< 0.005	<0.005	7.39	7.39	5.84	4.61	<0.010	
	19/May/07	19-W011		0.10	0.0001	0.230	0.117	<0.000015	197	0.001	0.0010	0.0007	0.013	< 0.00002	90.9	0.120		2.7	<0.0001	47.1	0.732	0.00344	< 0.005	<0.005	7.54	8.17	6.12	1.61	<0.010	94
	19/Nov/12	19-W034		0.10	0.0002	0.265	0.192	<0.000015	213	<0.001	0.0016	0.0010	< 0.005	0.00005	95.2	0.185		3.2	<0.0001	61.5	0.797	0.00358	< 0.005	<0.005	7.63	6.18	12.16	1.89	<0.010	179
	20/Apr/07	20-W015		0.04	0.0002	0.224	0.205	0.000028	218	<0.001	0.0018	0.0020	0.099	0.00016	107	0.193	-	3.0	<0.0001	79.0	0.821	< 0.005	0.00438	<0.005	6.99	8.71	16.71	2.02	<0.010	180
	20/Nov/18	20-W048		0.10	0.0004	0.187	0.165	0.000023	174	<0.001	0.0010	0.0016	0.030	0.00011	90.1	0.121	-	3.1	<0.0001	62.6	0.730	0.00443	0.0007	<0.005	7.06	8.22	10.53	1.70	<0.010	130
	21/May/18	21-W030		0.11	0.0002	0.202	0.219	< 0.000015	200	<0.001	0.0022	0.0016	0.034	0.00005	98.2	0.288	-	2.9	<0.0001	63.7	0.744	0.0042	0.0004	<0.005	7.47	12.01	6.87	1.76	<0.010	145
	21/Oct/27	21-W057		0.08	0.0006	0.173	0.168	<0.000015	165	<0.001	0.0014	0.0015	0.132	0.00007	84.1	0.131	-	3.2	<0.0001	56.3	0.698	0.0062	0.0004	<0.005	7.38	14.10	6.17	1.57	<0.010	25
	22/May/12	22-W030		0.12	0.0008	0.211	0.248	<0.000015	212	<0.001	0.0039	0.0017	0.505	0.00027	99.8	0.361	-	2.8	<0.0001	65.6	0.776	0.00396	0.0003	0.005	7.63	12.08	5.02	1.43	<0.01	16
	22/Nov/01	22-W047		0.15	0.0007	0.177	0.24	<0.000015	182	<0.001	0.0032	0.0015	0.694	0.00029	96.2	0.375	-	3.4	<0.0001	58.5	0.734	0.00503	0.0006	<0.005	7.46	13.30	4.8	1.74	<0.01	-5
11-4	11/Nov/11			0.21	0.0004	0.13	<0.005	0.00002	79.9	<0.002		<0.002	0.063	0.00014	37.8	0.022		1.8		19	0.403			<0.005					-	
	12/Apr/25			0.13	0.0002	0.087	0.01	<0.00002	86.3	0.0012		<0.002	0.062	0.00005	44	0.031		1.2		14.6				<0.005					-	
	12/Oct/10			0.17	0.0008	0.112	0.023	< 0.005	104	< 0.002		< 0.002	0.099	0.00011	52.5	0.071		2		22.1				< 0.005					-	
	13/Jul/24			<0.010	<0.0010	0.1	0.012	<0.000090	70	<0.00050		0.0015	<0.050	<0.00050	36.5	0.0227		1.5	<0.00010	24.9				<0.0030					-	
	13/Oct/24					0.0617	<0.010		52.8				<0.050	<0.00050	24.3	0.0108		1.3		40.6									-	
	14/Jun/18			<0.010	<0.0010	0.068	<0.010	<0.000090	66.9	<0.00050		<0.0010	<0.050	<0.00050	32	0.0549		1.1	<0.00010	26.4				<0.0030					-	
	14/Oct/22			<0.010	<0.0010	0.0883	0.013	<0.000090	71.8	<0.00050		<0.0010	0.143	<0.00050	39.6	0.0788		1.6	<0.00010	44				<0.0030					-	
	15/May/06			0.015	nd	0.077	0.011	nd	67.1	nd	nd	nd	nd	nd	35.6	0.009		1.15	nd	28.8	0.392	0.0026	0.0013	nd					-	
	15/Nov/16			0.002	nd	0.088	0.019	nd	64.7	nd	nd	0.0007	nd	0.0001	50.6	0.023		1.45	nd	19	0.415	0.0033	0.0013	nd					-	
	16/Nov/28			0.054	<0.001	0.107	0.013	<0.0001	94.7	<0.001	<0.0005	<0.0005	<0.1	<0.0001	47.1	<0.005		1.22	<0.0001	31.2	0.538	0.0015	0.0012	<0.005					-	
	17/Aug/03	17-W012		<0.001	<0.001	0.059	0.012	<0.001	70.8	<0.001	<0.0005	0.004	<0.1	<0.0001	29.8	0.013	0.001	1.19	<0.0001	20	0.336	0.001	0.0023	<0.005	6.19	21.34	7.06	0.548	<0.010	

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
			RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[iii]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
	17/Nov/23	17-W033		<0.001	<0.001	0.064	0.015	<0.001	74.7	<0.001	<0.0005	0.0022	<0.1	<0.0001	32.3	<0.005	<0.001	0.95	<0.0001	18.7	0.376	0.0016	0.0019	<0.005	7.09	5.37	8.38	0.739	<0.010	
	18/May/24	18-W022		0.05	0.0002	0.067	< 0.005	<0.000015	79.2	<0.001	< 0.0001	0.0018	< 0.005	<0.00002	36	0.003		0.9	<0.0001	17.6	0.368	0.00158	< 0.005	<0.005	7.52	11.65	8.23	0.714	<0.010	
	18/May/24	18-W023		0.05	0.0002	0.068	<0.005	<0.000015	80.4	<0.001	< 0.0001	0.0018	< 0.005	<0.00002	36.4	0.003		1	<0.0001	17.8	0.375	0.00154	< 0.005	<0.005	7.22	12.74	8.78	0.669	<0.010	
	18/Nov/26	18-W040		0.02	0.0003	0.036	<0.005	<0.000015	48.6	<0.001	0.0003	0.0036	0.016	0.00004	21.7	< 0.001		0.8	<0.0001	9.5	0.242	0.00056	< 0.005	<0.005	9.18	6.37	5.77	0.534	<0.010	
	18/Nov/27	18-W046	LF	0.03	0.0003	0.033	<0.005	<0.000015	40.5	0.003	0.0003	0.0041	0.027	0.00004	17.2	<0.001		1.2	<0.0001	7.2	0.181	0.00029	< 0.005	<0.005	8.95	3.19	1.52	0.415	<0.010	
	19/May/07	19-W006	LF	0.04	0.0002	0.038	<0.005	<0.000015	59.2	<0.001	0.0002	0.0063	0.009	0.00005	23.9	0.004		0.5	<0.0001	12.9	0.264	0.0007	< 0.005	<0.005	7.00	10.54	0.36	0.999	<0.010	
	19/May/07	19-W007		0.04	0.0002	0.043	<0.005	<0.000015	61.3	0.001	0.0001	0.0034	< 0.005	<0.00002	25.5	< 0.001		0.6	<0.0001	12.0	0.280	0.00069	< 0.005	<0.005	7.00	10.54	0.36	0.999	<0.010	110
	19/Nov/13	19-W043	LF	0.05	0.0003	0.061	<0.005	<0.000015	76.7	<0.001	0.0003	0.0053	< 0.005	0.00021	31.8	< 0.001		0.8	<0.0001	11.1	0.350	0.00079	< 0.005	0.009	7.09	8.05	1.33	0.67	<0.010	53
	20/Apr/07	20-W006	LF	0.02	0.0002	0.050	<0.005	<0.000015	68.1	<0.001	0.0002	0.0025	0.027	0.00005	29.3	0.001	-	0.7	<0.0001	10.8	0.312	< 0.005	0.00125	<0.005	7.34	8.83	2.92	0.413	<0.010	124
	20/Nov/17	20-W033	LF	0.05	0.0003	0.073	0.008	<0.000015	88.3	<0.001	< 0.0001	0.0032	< 0.005	<0.00002	36.7	< 0.001	-	1.0	<0.0001	15.1	0.403	0.00162	0.0023	<0.005	7.89	9.52	10.4	0.732	<0.010	161
	21/May/19	21-W035		0.05	0.0003	0.050	0.006	<0.000015	66.4	<0.001	0.0002	0.0034	< 0.005	0.00006	28.2	0.001	-	0.9	<0.0001	10.2	0.308	0.00091	0.0018	<0.005	8.03	11.93	6.54	0.542	<0.010	131
	21/Oct/28	21-W079		0.36	0.0004	0.067	0.01	<0.000015	73.5	0.002	0.0006	0.0077	0.354	0.00041	30.2	0.009	-	1.2	<0.0001	10.8	0.340	0.0011	0.0039	0.006	7.72	13.40	7.30	0.613	<0.010	125
	22/May/12	22-W020		0.04	0.0003	0.053	<0.005	<0.000015	72.1	<0.001	0.0002	0.0037	0.006	<0.00002	28.7	<	-	0.9	<0.0001	9.2	0.311	0.00135	0.0018	<0.005	8.19	13.10	3.30	0.444	<0.010	119
	22/Nov/01	22-W049		0.04	0.0004	0.042	0.005	0.000011	54.8	<0.001	0.0003	0.005	0.022	0.00008	24	<	-	1.2	<0.0001	8.9	0.265	0.00076	0.002	<0.005	8.18	13.73	4.57	0.411	<0.010	134
11-5	11/Nov/11			0.59	0.0005	0.092	0.184	0.00003	69.4	<0.002		<0.002	0.228	0.00019	23.7	0.017		1.2		56.8	0.227			<0.005					-	
	12/Apr/25			0.16	0.0003	0.042	0.143	0.00004	60.9	0.0008		<0.002	0.21	0.0001	21.9	0.099		0.8		32				<0.005					-	
	12/Oct/17			0.56	0.0005	0.048	0.188	0.00002		0.0022		< 0.002	0.369	0.00018		0.024		< 0.001		53	53			< 0.005					-	
	13/Jul/25			<0.010	<0.0010	0.042	0.132	<0.000090	57.6	<0.00050		0.0011	<0.050	<0.00050	19.9	0.0038		<1.0	<0.00010	31.9				<0.0030					-	
	13/Oct/24					0.0449	0.146		65				<0.050	<0.00050	21.9	0.0025		<1.0		36.3									-	
	14/Jun/18			0.01	<0.0010	0.0409	0.147	<0.000090	57.7	<0.00050		0.0011	<0.050	<0.00050	19.7	0.0133		<1.0	<0.00010	32.9				<0.0030					-	
	14/Jun/18		DUP	0.011	<0.0010	0.0415	0.149	<0.000090	58.7	<0.00050		0.0011	<0.050	<0.00050	20.1	0.0134		<1.0	<0.00010	34.1				<0.0030					-	
	14/Oct/23			<0.010	<0.0010	0.0448	0.19	<0.000090	59	<0.00050		0.001	<0.050	<0.00050	21.9	0.0125		<1.0	<0.00010	44.6				<0.0030					-	
	15/May/06			nd	nd	0.031	0.138	nd	44.1	nd	nd	nd	nd	nd	18.1	0.014		0.451	nd	23.8	0.146	0.0005	nd	nd					-	
11-6	11/Nov/11			0.24	0.0005	0.099	0.462	0.00008	109	<0.002		<0.002	0.144	0.00018	35.1	0.2		1.5		75.8	0.278			<0.005					-	
	12/Apr/25			0.42	0.0006	0.082	0.457	0.00004	117	0.0018		0.002	0.235	0.00009	38.8	0.307		1.1		70.8				0.008					-	
	12/Oct/17			0.55	0.0006	0.084	0.391	0.00005		0.0032		0.003	0.34	0.0003		0.142		< 0.001		62.6	62.6			< 0.005					-	
	13/Jul/25			<0.010	<0.0010	0.0982	0.458	<0.000090	118	0.00064		0.0025	<0.050	<0.00050	40.1	0.197		1.2	<0.00010	79.6				<0.0030					-	
	13/Oct/24					0.098	0.356		97.7				<0.050	<0.00050	34.1	0.0562		1		62.3									-	
	14/Jun/18			<0.010	<0.0010	0.0595	0.33	<0.000090	75.4	<0.00050		0.0015	<0.050	<0.00050	25.6	0.112		<1.0	<0.00010	53				<0.0030					-	
	14/Oct/23			<0.010	<0.0010	0.112	0.549	<0.000090	113	<0.00050		0.0023	<0.050	<0.00050	42.7	0.261		1.2	<0.00010	102				<0.0030					-	
	14/Oct/23		DUP	<0.010	<0.0010	0.108	0.543	<0.000090	111	<0.00050		0.0022	<0.050	<0.00050	41.9	0.26		1.2	<0.00010	98.1				0.0035					-	
	15/May/06			nd	nd	0.061	0.34	nd	86.4	nd	nd	nd	nd	nd	24.4	0.102		0.684	nd	63.5	0.22	0.0004	0.0006	nd					-	
	15/Nov/16			nd	nd	0.097	0.346	nd	96.2	nd	nd	0.0018	nd	nd	50.4	0.015		1.1	nd	66	0.281	0.0006	nd	nd					-	
	16/Nov/28			0.125	<0.001	0.071	0.242	<0.0001	65.2	<0.001	<0.0005	<0.0005	<0.1	0.0001	24.7	<0.005		1.02	<0.0001	65.7	0.189	0.0024	0.0008	<0.005	8.15	20.34	11.12	0.725	<0.010	
	17/Aug/03	17-W021		<0.001	<0.001	0.063	0.411	<0.001	93.2	<0.001	<0.0005	<0.0005	<0.1	<0.0001	28.7	0.067	0.002	0.794	<0.0001	64.2	0.221	0.0006	0.001	<0.005	7.03	6.04	8.59	1.07	<0.010	
	18/May/23	18-W002		0.05	0.0004	0.06	0.264	<0.000015	87.9	0.004	0.0001	0.0007	0.022	0.000033	32	0.013		0.5	<0.0001	59.8	0.251	0.00044	<0.005	<0.005	7.72	12.55	8.70	0.874	<0.010	
	18/Nov/27	18-W060		0.04	0.0002	0.045	0.213	<0.000015	64.6	<0.001	0.0002	0.0024	0.007	<0.00002	24	0.003		0.7	<0.0001	45.9	0.167	0.00043	<0.005	<0.005	7.75	6.98	7.99	1.32	<0.010	
	19/May/08	19-W026		0.06	0.0003	0.052	0.204	<0.000015	83.0	0.001	<0.0001	0.0067	<0.005	0.00032	28.6	0.010		0.7	<0.0001	54.9	0.206	0.00099	<0.005	<0.005	8.08	9.31	11.64	0.83	<0.010	182
	19/Nov/13	19-W037		0.05	0.0003	0.058	0.293	<0.000015	88.6	<0.001	0.0004	0.0018	0.01	0.00008	28.6	0.032	-	0.8	<0.0001	57	0.224	0.00078	<0.005	<0.005	8.04	4.36	8.38	0.663	<0.010	153
	20/Apr/07	20-W024		0.03	0.0003	0.052	0.211	<0.000015	84.4	<0.001	0.0004	0.0012	0.078	0.00008	28.7	0.039	-	0.5	<0.0001	50.4	0.207	< 0.005	0.00056	<0.005	7.98	5.67	0.81	0.829	<0.010	127
	20/Nov/17	20-W042		0.06	0.0002	0.060	0.190	<0.000015	84.9	<0.001	0.0001	0.0028	0.017	0.00004	27.6	0.012	-	0.7	<0.0001	47.1	0.210	0.00039	0.0019	<0.005	7.19	8.13	13.49	0.819	<0.010	200
	21/May/18	21-W017		0.08	0.0003	0.046	0.241	<0.000015	74.4	<0.001	0.0002	0.002	0.061	0.00011	25.3	0.019	-	0.8	<0.0001	49.7	0.195	0.0004	0.0018	<0.005	7.73	13.35	8.43	0.701	<0.010	-7
	21/Oct/27	21-W051		0.04	0.0003	0.052	0.217	<0.000015	72.2	<0.001	0.0002	0.0023	0.051	0.00003	24	0.013	-	0.9	<0.0001	50	0.195	0.00058	0.0017	<0.005	7.60	12.22	10.21	0.607	<0.010	33
	22/May/12	22-W020		0.04	0.0003	0.053	<0.005	<0.000015	72.1	<0.001	0.0002	0.0037	0.006	<0.00002	28.7	<0.001	-	0.9	<0.0001	9.2	0.311	0.00135	0.0018	<0.005	8.19	13.1	3.3	0.444	<0.010	119
	22/Oct/31	22-W049		0.04	0.0004	0.042	0.005	0.000011	54.8	<0.001	0.0003	0.005	0.022	0.00008	24	<0.001	-	1.2	<0.0001	8.9	0.265	0.00076	0.002	<0.005	8.18	13.73	4.57	0.411	<0.010	134
11-7	11/Nov/11			0.61	0.002	0.423	0.008	<0.00002	93.7	<0.002		<0.002	1.32	0.00028	40.4	0.141		3.1		14.6	0.723			<0.005					-	
	12/Apr/25			0.44	0.001	0.336	0.047	<0.00002	82.6	0.0013		<0.002	1.85	0.00027	39.8	0.093		2.8		12.5				<0.005					-	
	12/Oct/17			0.56	0.0027	0.349	0.045	0.00004		0.0022		< 0.002	2.95	0.00046		0.258		< 0.001		14.2	14.2			< 0.005					-	
	13/Jul/25			<0.010	<0.0010	0.374	0.037	<0.000090	84.1	0.00119		<0.0010	1.21	<0.00050	39.4	0.0916		2.7	<0.00010	12.3				<0.0030					-	
	13/Oct/24					0.336	0.039		81.1				1.59	<0.00050	36.9	0.104		2.5		12.4									-	
	14/Jun/18			<0.010	<0.0010	0.42		<0.000090	91.1	<0.00050		<0.0010	1.77	<0.00050	41.4	0.0704		2.7	<0.00010	13.7				<0.0030					-	
	14/Oct/23			<0.010	<0.0010	0.388	0.052	<0.000090	85.2	<0.00050		<0.0010	1.74	<0.00050	43	0.0951		2.9	<0.00010	14.4				0.0039					-	
	15/May/06			nd	nd	0.41	0.058	nd	83.2	nd	nd	nd	2.18	nd	52.3	0.072		2.69	nd	14.2	0.774	nd	nd	nd					-	
	15/Nov/16			nd	nd	0.356	0.063	nd	78.1	nd	nd	nd	2.33	nd	52.8	0.225		2.84	nd	16.8	0.745	0.0003	0.0005	nd					-	
	16/Nov/28			0.076	<0.001	0.318	0.054	<0.0001	79.8	<0.001	<0.0005	<0.0005	1.7	0.0001	38.9	0.212		2.7	<0.0001	14.8	0.657	0.0001	<0.0005	<0.005					-	
	17/Aug/03	17-W022		<0.001	<0.001	0.507	0.057	<0.001	114	<0.001	<0.0005	<0.0005	1.97	<0.0001	61.7	0.068	<0.001	3.08	<0.0001	18.9	1.04	<0.0001	<0.0005	0.008	8.15	20.34	11.12	0.725	0.040	
	17/Nov/23	17-W041		<0.001	<0.001	0.442	0.058	<0.001	97.6	<0.001	<0.0005	<0.0005	1.39	<0.0001	52.1	0.081	<0.001	2.66	<0.0001	16.5	0.901	<0.0001	<0.0005	<0.005	7.21	5.15	9.11	0.991	<0.010	
	18/May/23	18-W001		0.07	0.0002	0.54	0.061	<0.000015	96.5	<0.001	<0.0001	0.0004	1.75	0.00005	61.6	0.067		3.4	<0.0001	21	1.09	<0.00005	<0.005	< 0.005	7.37	11.66	11.01	0.908	<0.010	
	18/Nov/27	18-W052		0.06	0.0006	0.437	0.054	<0.000015	96.2	<0.001	0.0002	0.0003	2.05	0.00003	50.4	0.145		3.1	<0.0001	17.5	0.846	0.0001	0.005	<0.005	7.67	7.39	8.10	1.62	<0.010	
	21/May/19	19-W027		0.05	0.0003	0.407	0.05	<0.000015	94.9	0.001	<0.0001	<0.0001	1.75	0.00003	48.3	0.103		2.9	<0.0001	16.3	0.806	<0.00005	< 0.005	<0.005	7.89	7.38	5.55	0.959	<0.010	-34
	19/Nov/13	19-W038		0.06	0.0003	0.431	0.051	<0.000015	100	<0.001	0.0003	<0.0001	2.03	0.00005	51.7	0.109		3.0	<0.0001	16.9	0.887	<0.00005	< 0.005	<0.005	7.91	5.83	2.86	1.02	<0.010	-37
	20/Apr/07	20-W026		0.04	0.0003	0.443	0.050	<0.000015	97.9	<0.001	0.0002	0.0005	2.04	0.00003	52.3	0.091	-	2.9	<0.0001	16.9	0.846	< 0.005	<0.00005	<0.005	7.86	7.29	6.44	0.982	<0.010	-46
	20/Nov/17	20-W041		0.07	0.0008	0.438	0.059	<0.000015	107	<0.001	0.0002	0.0001	3.01	0.00005	50.6	0.169	-	3.1	<0.0001	17.8	0.865	0.00011	0.0004	<0.005	7.53	8.36	12.04	0.905	<0.010	103
	21/May/18	21-W016		0.06	0.0002	0.439	0.056	<0.000015	96	<0.001	<0.0001	0.0004	2.11	<0.00002	53.9	0.091	-	2.9	<0.0001	17.1	0.907	<0.00005	0.0003	<0.005	7.71	10.88	10.13	0.851	<0.010	-124
	21/Oct/27	21-W050		0.05	0.0003	0.494	0.062	<0.000015	103	<0.001	0.0001	0.0001	2.21	0.00003	55.4	0.112	-	3.1	<0.0001	18.1	0.962	<0.00005	0.0004	<0.005	7.34	10.59	7.74	0.555	<0.010	-120
	22/May/11	22-W006		0.06	0.0002	0.527	0.060	<0.000015	104	<0.001	0.0001	0.0009	2.46	0.00005	60.6	0.083	-	3.0	<0.0001	19.4	1.04	<0.00005	0.0002	<0.005	8.06	9.16	8.08	0.77	0.015	-97
	22/Oct/31	22-W039		0.05	0.0002	0.61	0.079	<0.000015	107	<0.001	0.0001	0.0002	1.79	<0.00002	72.7	0.064	-	3.3	<0.0001	22.4	1.22	0.00005	0.0002	<0.005	8	10.95	21	0.993	0.015	-62
91-1	91/Nov/01								104				nd		43	0.34		2		14									-	
	93/Jun/01																												-	
	93/Oct/01								100				0.06		46					24									-	
	94/Sep/01								105				0.37		41	0.42				10									-	
	95/Jun/01								97				0.11		36	0.22				12									-	
	96/Nov/01								77				0.75		26	0.07				8									-	
	98/Oct/01								81.3				0.14		38.3	0.06		1.79		17.3									-	
	99/Jul/01								78.5						36.9			1.3		20.1									-	
	99/Oct/01								360						78			2		16									-	
	00/Jul/01				nd	0.12	nd	nd	85	nd	0.005	nd	0.8	nd	35	0.2		4	nd	27			nd	0.02					-	
	00/Oct/01				nd	0.34	nd	0.001	220	nd	0.015	0.005	0.8	nd	52	1.3		2	nd	14			nd	0.06					-	
	01/Sep/01			nd	nd	0.16	nd	nd	58	nd	nd	nd	nd	nd	41	0.1		1.4	nd	16			nd	nd					-	
	01/Dec/01			nd	nd	0.099	0.011	nd	82.4	nd	0.0011	0.0013	nd	nd	35.6	0.082		1.4	nd	12.9	0.325	0.002	nd	nd					-	
	02/Aug/01			nd	nd	0.118	0.012	0.0002	92.2	nd	0.0015	0.0029	nd	nd	35.6	0.049		1.6	nd	11.7	0.387	0.0022	0.001	nd					-	
	02/Nov/01			0.005	nd	0.123	0.016	0.0001	96	nd	0.0015	0.0016	nd	nd	37.3	0.08		1.6	nd	13	0.399	0.0021	0.001	0.022					-	
	03/Jul/01			0.007	<0.002	0.103	0.013	0.0001	87.6	<0.005	0.0018	0.002	<0.03	0.0011	33.1	0.039		1.3	<0.0001	10.9	0.349	0.0017	0.0009	0.008					-	
	03/Oct/01			nd	nd	0.128	0.014	0.0002	99.7	nd		0.0024	nd	0.0009	35.4	0.065		1.5		12.7				nd					-	
	04/May/01			nd	nd	0.12	0.008	0.0002	93.4	nd	0.0011	0.0015	nd	0.0007	37.5	0.01		1.1	nd	N/A	0.378	0.0017	nd	0.009					-	
	05/May/01			nd	nd	0.12	nd	nd	90.8	nd	nd	nd	nd	nd	43.7	0.01		2	nd	11.6	0.37	N/A	nd	0.009					-	
	05/Oct/01			nd	nd	nd	7.3	nd	69.9	nd	N/A	nd	nd	nd	28.7	0.75		2	N/A	15	N/A	N/A	N/A	nd					-	
	06/Apr/01			0.009	nd	0.12	nd	0.0002	97	nd		0.004	nd	nd	38	0.012		1.3		18				0.014					-	
	06/Oct/01			<0.005	<0.001	0.13	0.0014	0.0001	93	<0.005		0.008	<0.05	<0.0005	40	0.04		1.7						0.013					-	
	07/May/01			<0.01	0.0005	0.197	0.016	<0.00002	91.5	<0.002		<0.002	0.041	<0.00002	37.2	0.112		1.4		13.6				0.027					-	
	07/May/01		DUP	<0.01	0.0004	0.149	0.011	<0.00002	92.6	<0.002		<0.002	0.024	<0.00002	38	0.088		1.3		13.7				0.026					-	
	08/May/14			<0.01	0.0003	0.083	0.009	0.00013	0.00013	<0.002		<0.002	<0.005	<0.02	27.2	0.021		1		8.3				0.006					-	
	08/Nov/01			0.09	0.0003	0.09	<0.005	0.00014	85.6	<0.002		<0.002	0.099	<0.00002	30.5	0.038		1.3		11.6				<0.005					-	
	08/Nov/01		DUP	0.08	0.0002	0.084	<0.005	0.00011	85.7	<0.002		<0.002	0.073	<0.00002	30.7	0.017		1.3		11.7				<0.005					-	
	09/Apr/01			0.05	<0.0001	0.082	0.01	0.00016	85.7	0.0028		<0.002	0.066	0.00009	35.1	0.028		1.1		11.9				<0.005					-	
	09/Nov/18			1.35	<0.0001	0.126	0.01	0.00003	91.5	0.005		0.003	1.38	<0.00002	37.1	0.038		1.9		15.8				<0.005					-	
	10/Jul/01			0.2	0.0002	0.126	0.013	0.0002	85	0.0012		0.003	0.228	0.00024	36.3	0.08		1.4		12.9				<0.005					-	
	10/Nov/23			0.08	0.0002	0.121	<0.005	0.00021	91.5	<0.002		<0.002	0.076	0.00006	39.4	0.058		1.3		12.7				<0.005					-	
	11/Nov/11			0.12	0.0003	0.128	0.017	0.00015	88.6	<0.002		<0.002	0.14	0.00004	39.7	0.098		1.3		13.4	0.376			<0.005					-	
	12/Apr/26			0.17	0.0002	0.12	0.012	0.0001	89.2	0.0023		<0.002	0.673	0.00018	39.5	0.013		1.4		12.7				<0.005					-	
	12/Oct/10			0.39	0.0004	0.127	0.011	< 0.005	87.2	< 0.002		< 0.002	0.368	0.00019	38.1	0.049		1.8		13.8				< 0.005					-	
	13/Jul/24			<0.010	<0.0010	0.164	0.012	<0.000090	102	0.001		0.0013	<0.050	<0.00050	41.7	0.0091		1.5	<0.00010	14.7				<0.0030					-	
	13/Oct/24					0.125	0.015		90.5				<0.050	<0.00050	37.5	0.0269		1.2		13.7									-	
	14/Jun/18			<0.010	<0.0010	0.149	0.012	0.000186	97.2	0.00074		0.0017	<0.050	<0.00050	40.4	0.0043		1.2	<0.00010	14.1				<0.0030					-	
	14/Oct/22			<0.010	<0.0010	0.144	0.016	0.000194	91.9	<0.00050		<0.0010	<0.050	<0.00050	41.5	0.0539		1.3	<0.00010	15.2				0.0032					-	
	15/May/06			nd	nd	0.133	0.016	0.0002	90.6	nd	0.0035	nd	nd	nd	48.7	nd		1.18	nd	13.5	0.409	0.0019	nd	nd					-	

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
			RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[d]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
	15/Nov/16			nd	nd	0.142	0.017	nd	67.8	0.002	nd	nd	nd	nd	43.9	0.013		1.26	nd	14.9	0.428	0.002	nd	nd					-	
	16/Nov/15			0.297	<0.001	0.137	0.025	0.0004	107	0.002	0.0067	0.0043	0.929	0.0007	34.8	0.081		1.62	<0.0001	11.5	0.406	0.0014	0.002	0.006					-	
	17/Aug/03	17-W001		<0.001	<0.001	0.134	0.015	<0.0001	128	0.002	0.0012	0.001	<0.1	<0.0001	41.3	<0.005		1.41	<0.0001	13.6	0.426	0.0015	<0.005	<0.005	5.59	15.6	11.47	1.26	<0.010	
	17/Nov/23	17-W023		4	<0.001	0.134	0.033	<0.0001	94.4	0.001	0.0016	0.0006	<0.1	0.0001	37.7	<0.005		1.24	0.0008	12.9	0.412	0.0017	<0.0005	<0.005	6.87	5.83	11.02	0.910	<0.010	
	18/May/24	18-W015		0.05	< 0.0001	0.143	0.009	0.000176	99.4	0.002	0.0032	0.0006	< 0.005	< 0.00002	44.6	0.001		1	<0.0001	14.7	0.415	0.0016	< 0.005	<0.005	7.50	11.85	9.38	0.792	<0.010	
	18/Nov/27	18-W055		0.04	< 0.0001	0.111	< 0.005	0.000127	77.7	< 0.001	0.0012	0.0015	< 0.005	< 0.00002	34.1	0.001		1.1	<0.0001	11.1	0.342	0.00134	< 0.005	<0.005	8.00	8.11	8.92	0.910	<0.010	
	19/May/07	19-W001		0.05	< 0.0001	0.137	0.010	0.000182	98.6	0.002	0.0014	0.0012	< 0.005	< 0.00002	41.1	< 0.001		0.9	<0.0001	12.4	0.398	0.00149	< 0.005	<0.005	7.66	15.07	5.95	0.687	<0.010	154
	19/Nov/26	19-W045		0.06	0.0001	0.138	0.013	0.000188	94.4	0.001	0.0027	0.0027	0.007	0.00005	38.7	0.002	-	1.2	<0.0001	13.1	0.398	0.00136	< 0.005	<0.005	8.17	9.77	8.29	0.735	<0.010	
	20/Apr/07	20-W005		0.90	0.0003	0.164	0.008	0.000418	113	0.005	0.0080	0.0047	1.73	0.00117	50.9	0.111	-	1.1	0.0005	13.6	0.428	<0.005	0.00157	0.008	7.06	7.81	7.47	0.537	<0.010	185
	20/Nov/17	20-W034		0.05	0.0001	0.142	0.013	0.000217	95.8	0.006	0.0024	0.0024	0.007	0.00002	41.3	0.007	-	1.1	<0.0001	14.2	0.401	0.0016	0.0005	0.005	7.85	9.49	8.70	0.749	<0.010	167
	21/May/19	21-W036		0.07	<0.0001	0.123	0.01	0.000155	88	0.002	0.0008	0.0014	0.031	0.00004	38.3	0.002	-	1.1	<0.0001	12.2	0.377	0.00115	0.0004	0.005	8.44	15.55	16.24	0.737	<0.010	126
	21/Oct/28	21-W058		<0.01	<0.0001	0.111	0.016	0.000195	59.2	0.003	0.0009	0.0012	<0.005	0.00002	36.2	<0.001	-	1.1	<0.0001	12.9	0.37	0.00165	0.0005	<0.005	7.59	11.31	13.62	0.712	<0.010	173
	22/May/12	22-W022		0.05	<0.0001	0.129	0.005	0.000178	90.5	0.002	0.0013	0.0014	0.008	0.00009	38	0.001	-	0.9	<0.0001	12.8	0.377	0.00113	0.0003	<0.005	8.19	13.1	3.30	0.444	<0.010	119
	22/Nov/01	22-W050		0.03	<0.0001	0.125	0.013	0.000174	81.3	0.002	0.0015	0.0005	<0.005	<0.00002	37.5	0.008	-	1.2	<0.0001	13.3	0.377	0.00134	0.0004	<0.005	7.84	14.31	9.26	0.68	<0.010	41
91-2	91/Nov/01								73				nd		53	0.09		3		16									-	
	93/Jun/01																												-	
	94/Sep/01								80				1.04		47	0.21		2		10									-	
	95/Jun/01								77				0.4		45	0.31		3		17									-	
	96/Nov/01								78				0.01		49	0.05		2		15									-	
	97/Dec/01																												-	
	98/Oct/01								73.3				0.03		52	0.21		2.99		20.9									-	
	99/Jul/01								70.2						53.7			12.2		40.2									-	
	99/Oct/01								72						56			3		21									-	
	00/Jul/01				nd	0.4	0.1	nd	73	nd	nd	nd	1.2	nd	72	0.2		2.4		26									-	
	00/Oct/01				nd	0.4	0.1	nd	61	nd	nd	nd	1.2	nd	52	0.15		2		20									-	
	01/Sep/01			nd	nd	0.6	0.1	nd	58	nd	nd	nd	nd	nd	63	0.3		2.4		23									-	
	01/Dec/01			0.027	nd	0.077	0.028	nd	27.4	nd	0.0002	0.0027	nd	0.0008	31.5	0.014		0.6		17.1									-	
	02/Aug/01			0.011	nd	0.602	0.101	nd	96.4	nd	0.0007	0.0016	0.28	0.001	59.3	0.221		3.2		22.6									-	
	02/Nov/01			nd	nd	0.547	0.111	nd	106	nd	0.0005	nd	0.16	nd	69.4	0.251		2.7		22.4									-	
	03/Jul/01			0.059	<0.002	0.433	0.103	<0.0001	83.4	<0.005	0.0002	<0.0005	0.1	<0.0005	59	0.158		1.8		22									-	
	03/Oct/01																												-	
	04/Nov/01			0.026	nd	0.065	0.025	nd	40.2	nd	nd	0.0028	nd	0.0006	41.2	nd		0.6		16.7									-	
	05/May/01			nd	nd	0.075	0.05	nd	52.5	nd	nd	0.004	nd	nd	61	0.003		0.9		N/A									-	
	05/Oct/01			nd	nd	0.05	0.033	nd	24	nd	N/A	0.002	nd	nd	24.9	0.002		nd		12.4									-	
	05/Oct/01		DUP	0.005	nd	0.044	0.025	nd	24.4	nd	N/A	0.003	nd	nd	24.4	0.003		nd		12.3									-	
	06/Apr/01			0.056	nd	0.056	0.031	nd	48	nd		0.003	nd	nd	44	0.01		0.67		17									-	
	06/Oct/01			0.028	<0.001	0.039	0.014	<0.0001	30	<0.005		0.011	<0.05	<0.0005	27	0.011		1.6		16									-	
	06/Oct/01		DUP	0.008	<0.001	0.037	0.014	<0.0001	30	<0.005		0.003	<0.05	<0.0005	26	0.011		0.66		12									-	
	07/May/01			<0.01	0.0004	0.148	0.107	<0.00002	95.7	<0.002		<0.002	0.104	<0.00002	63.7	0.354		2.8		27.1				0.014					-	
	07/Oct/01			0.02	<0.0005	0.119	0.052	<0.005	65.5	<0.002	<0.005	<0.002	0.094	<0.01	0.137	0.137		1.4	<0.005	19			<0.005	0.011					-	
	08/May/14			<0.001	0.0005	0.048	0.039	<0.00002	46.1	<0.002		<0.002	0.008	<0.02	45.8	0.009		0.5		17.1				0.021					-	
	08/Nov/01			0.31	0.0003	0.045	0.015	<0.00002	30.7	<0.002		<0.002	0.159	<0.00002	28.6	0.032		0.5		12				<0.005					-	
	09/Apr/01			0.11	0.0003	0.123	0.06	<0.00002	58.8	0.0015		<0.002	0.135	<0.00002	52.5	0.193		0.9		19.5				<0.005					-	
	09/Nov/17			1.12	0.0001	0.193	0.048	<0.00002	47.7	0.002		0.005	0.834	<0.00002	36.2	0.158		1.3		17.6				<0.005					-	
	10/Jul/01			0.37	0.0003	0.144	0.064	<0.00002	57.9	0.0004		0.003	0.26	0.00032	55.5	0.036		0.9		18.2				<0.005					-	
	10/Jul/14		DUP	0.27	0.0003	0.136	0.062	<0.00002	57.5	0.0003		0.004	0.168	0.00011	55.6	0.024		1		18.3				<0.005					-	
	10/Nov/23			0.19	0.0004	0.085	0.018	<0.00002	45.2	<0.002		<0.002	0.171	0.00009	41.1	0.075		0.6		11.6				<0.005					-	
	11/May/31			0.43	0.0006	0.235	0.086	<0.005	71.1	<0.002		<0.002	0.416	0.00035	57.4	0.216		1.3		20				<0.005					-	
	11/Nov/11			0.0005	0.0005	0.204	0.051	<0.00002	55.5	<0.002		<0.002	0.368	<0.00002	48.1	0.119		1		16.1	0.707			<0.005					-	
	12/Apr/26			0.18	0.0005	0.12	0.084	<0.00002	55.9	0.0014		<0.002	0.211	0.00018	60.2	0.199		1.2		21.8				0.007					-	
	12/Oct/10			0.33	0.0008	0.182	0.11	< 0.005	85.9	< 0.002		< 0.002	0.205	0.00009	70.7	0.235		2		29.4				< 0.005					-	
	13/Jul/25			<0.010	<0.0010	0.0939	0.038	<0.000090	65.4	0.00082		<0.0010	<0.050	<0.00050	58.2	0.0137		<1.0	<0.00010	16.5				0.0036					-	
	13/Jul/25		DUP	0.011	<0.0010	0.0972	0.04	<0.000090	69.9	0.00114		<0.0010	<0.050	<0.00050	57.5	0.0154		<1.0	<0.00010	17.3				0.0196					-	
91-3	91/Nov/01								62				0.38		25	0.15		3		13									-	
	93/Jun/01																												-	
	94/Sep/01								71				0.92		26	0.16				6									-	
	95/Jun/01								65				0.96		26	0.17				10									-	
	96/Nov/01								64				0.51		24	0.11				10									-	
	98/Oct/01								56.8				0.03		26.2	0.09		1.75		13.6									-	
	99/Jun/01								54.4						24.6			1.56		12.2									-	
	99/Oct/01								130						62			1.8		12									-	
	00/Jul/01				nd	0.32	0.1	nd	77	nd	nd	nd	1.6	nd	30	0.2		1.8	nd	13			nd	0.02					-	
	00/Oct/01				nd	0.24	0.05	nd	54	nd	nd	nd	1.6	nd	26	0.1		1.8	nd	10			nd	0.06					-	
	01/Sep/01			nd	nd	0.34	0.1	nd	39	nd	nd	nd	0.4	nd	28	0.1		1	nd	11			nd	nd					-	
	01/Dec/01			nd	nd	0.282	0.078	nd	65	nd	nd	nd	0.77	nd	27.8	0.084		1.7	nd	11.8	0.589	0.0002	nd	nd					-	
	02/Aug/01			nd	nd	0.337	0.075	nd	60.2	nd	0.0001	0.001	nd	nd	24.9	0.078		1.5	nd	10.3	0.591	0.0004	0.0009	nd					-	
	02/Nov/01			nd	nd	0.276	0.084	nd	60.8	nd	nd	0.0008	0.68	0.0005	24.9	0.081		1.6	nd	10.5	0.593	0.0001	nd	0.006					-	
	03/Jul/01			<0.005	<0.002	0.456	0.08	<0.0001	61.4	<0.005	<0.0001	<0.0005	0.61	0.0013	24.3	0.077		1.5	<0.0001	10.4	0.6	0.0001	0.0006	0.007					-	
	03/Oct/01			0.323	nd	0.266	0.079	nd	61.4	nd		0.0011	0.71	nd	23.8	0.074		1.5		10.1				nd					-	
	04/May/01			nd	nd	0.272	0.075	nd	61.4	nd	0.0001	0.0007	0.51	0.0001	26.2	0.076		1.5	nd	10.5	0.587	0.0002	nd	0.01					-	
	04/Nov/01			nd	nd	0.292	0.076	nd	61.3	nd	nd	nd	0.71	nd	28.8	0.084		1.5	nd	10	0.616	0.0001	nd	nd					-	
	05/May/01			nd	nd	0.28	0.07	nd	62.2	nd	nd	nd	nd	nd	28.8	0.06		1.9	nd	11.4	0.61		nd	nd					-	
	05/Oct/01			0.013	nd	0.055	0.035	nd	24.1	nd		0.003	nd	nd	24.6	0.004		nd		12.2				0.006					-	
	06/Apr/01			nd	nd	0.29		nd	67	nd		nd	0.69	nd	25	0.082		1.6		11				0.006					-	
	06/Oct/01			<0.005	<0.001	0.29	0.065	<0.0001	66	<0.005	<0.0005	<0.001	0.78	<0.0005	27	0.082		1.8	<0.0001	13			<0.001	<0.005					-	
	07/May/01			<0.01	0.0005	0.294	0.079	<0.00002	69.7	<0.002	<0.005	<0.002	0.557	0.00017	27.4	0.073		1.8		12.7			<0.005	0.043					-	
	07/Oct/01			<0.01	<0.03	0.284	0.075	<0.005	62.6	<0.002		<0.002	0.569	<0.01	25.6	0.081		1.7		11.6				<0.005					-	
	07/Oct/01		DUP	0.01	<0.03	0.262	0.075	<0.005	62.5	<0.002		<0.002	0.569	<0.01	25.5	0.078		1.8		12.2				0.006					-	
	08/May/14			<0.01	0.0006	0.269	0.077	<0.00002	61.7	<0.002		<0.002	0.292	<0.02	25.4	0.073		1.5		11.1				<0.005					-	
	08/Nov/01			0.07	0.0002	0.177	0.078	<0.00002	60.9	<0.002		<0.002	0.453	<0.00002	24.8	0.069		1.6		11.8				<0.005					-	
	09/Apr/01			0.05	0.0002	0.228	0.073	<0.00002	62.3	0.0017		<0.002	0.507	<0.00002	26.9	0.082		1.6		11.4				<0.005					-	
	09/Apr/01		DUP	0.07	0.0002	0.219	0.075	<0.00002	61.5	0.0026		<0.002	0.555	<0.00002	27.3	0.1		1.6		11.7				<0.005					-	
	09/Nov/17			1.17	<0.0001	0.318	0.079	<0.00002	65.1	0.003		<0.002	1.13	<0.00002	27.1	0.097		2.4		14.3				<0.005					-	
	09/Nov/17		DUP	2.14	<0.0001	0.324	0.078	<0.00002	67.5	0.004		0.003	2.14	<0.00002	27.9	0.124		2.8		13.3				<0.005					-	
	10/Jul/14			0.22	0.0003	0.297	0.085	<0.00002	61.3	<0.0002		<0.002	0.551	0.00015	25.8	0.084		1.8		11.4				<0.005					-	
	10/Nov/23			0.04	0.0003	0.277	0.076	<0.00002	65.6	<0.002		<0.002	0.571	0.00004	27.6	0.109		1.6		10.8				<0.005					-	
	11/May/31			0.16	0.0003	0.271	0.085	<0.005	65.7	<0.002		<0.002	0.54	0.00014	27.4	0.08		1.6		11.3				<0.005					-	
	11/Nov/11			0.02	0.0003	0.292	0.099	<0.00002	64.4	<0.002		<0.002	0.602	0.00078	28.2	0.082		1.6		11.8	0.655			<0.005					-	
	12/May/17			0.11	0.0004	0.283	0.084	0.00007	63.3	<0.002		0.002	0.29	0.0001	26.5	0.075		1.6		11.2				0.005					-	
	12/Oct/11			0.1	0.0004	0.307	0.09	< 0.00002		0.0017		< 0.002	0.393	0.00004		0.088		1.8		12.3	12.3			< 0.005					-	
	13/Jul/25			<0.010	0.0196	0.754	0.642	<0.000090	205	0.00054		<0.0010	15.5	<0.00050	77.6	0.125		22.4	<0.00010	62.9				0.0042					-	
	13/Oct/24					0.285	0.07		64.4				0.474	<0.00050	24.4	0.0702		1.6		11.6									-	
	14/Jun/18			<0.010	<0.0010	0.267	0.088	<0.000090	60	<0.00050		<0.0010	0.243	<0.00050	22	0.0603		1.3	<0.00010	10.5				<0.0030					-	
	14/Oct/22			<0.010	<0.0010	0.266	0.084	<0.000090	56.9	<0.00050		<0.0010	0.552	<0.00050	23.2	0.0737		2.1	<0.00010	11.1				0.0069					-	
	15/May/06			nd	nd	0.288	0.113	nd	54	nd	nd	nd	0.472	nd	20.6	0.068		1.57	nd	12.3	0.621	0.0001	nd	nd					-	
	15/Nov/16			nd	nd	0.297	0.102	nd	46.4	nd	nd	nd	0.403	nd	21.7	0.065		1.76	nd	12.6	0.632	0.0001	nd	nd					-	
	16/Nov/28			0.059	<0.001	0.293	0.097	<0.00002	54	<0.001	<0.0005	<0.0005	0.426	<0.0001	24.1	0.07		1.61	<0.0001	12.5	0.591	0.0002	<0.0005	<0.005						
	17/Aug/03	17-W005		<0.001	<0.001	0.287	0.097	<0.0001	67.9	<0.001	<0.0005	<0.0005	0.434	<0.0001	27	0.064		1.65	<0.0001	13.3	0.64	0.0001	<0.0005	<0.005	6.30	16.36	2.66	0.450	<0.010	
	17/Nov/23	17-W029		3	<0.001	0.296	0.105	<0.0001	66.3	<0.001	<0.0005	<0.0005	0.512	<0.0001	25.1	0.078		1.55	<0.0001	12.6	0.655	0.0001	<0.0005	<0.005	7.08	5.91	6.80	0.587	<0.010	
	18/May/23	18-W010		0.05	0.0001	0.311	0.101	<0.000015	65.3	<0.001	0.0001	<0.0001	0.372	<0.00002	28.7	0.072		1.6	<0.0001	14.2	0.683	0.00013	<0.005	<0.005	7.60	10.48	4.65	0.576	<0.010	
	18/Nov/26	18-W036		0.03	0.0002	0.294	0.107	<0.000015	64.5	<0.001	0.0002	0.0001	0.537	0.00003	27.9	0.073		1.7	<0.0001	14.4	0.699	0.00013	<0.005	<0.005	9.21	8.20	35.6	0.595	0.015	
	19/May/07	19-W009		0.05	0.0001	0.307	0.100	<0.000015	69.4	0.001	<0.0001	<0.0001	0.415	<0.00002	27.8	0.067		1.5	<0.0001	13.8	0.660	0.00014	<0.005	<0.005	7.73	11.33	3.50	0.526	<0.010	-20
	19/Nov/26	19-W052		0.18	0.0002	0.314	0.107	<0.000015	70.5	<0.001	0.0002	0.0018	0.683	0.0002	27.8	0.080	-	1.7	<0.0001	13.8	0.674	0.00016	<0.005	<0.005	8.01	9.67	6.59	0.56	<0.010	
	20/Apr/07	20-W008		0.28	0.0002	0.317	0.101	<0.000015	72.8	0.002	0.0005	0.0010	1.03	0.00037	31.1	0.119	-	1.6	<0.0001	13.8	0.687	< 0.005	0.00021	<0.005	7.97	9.66	5.69	0.588	<0.010	13
	20/Nov/17	20-W039		0.11	0.0002	0.333	0.107	<0.000015	69.1	<0.001	0.0002	0.0017	0.572	0.00012	27.7	0.074	-	1.6	<0.0001	14.3	0.660	0.00017	0.0005	0.005	8.19	9.16	12.53	0.554	<0.010	19
91-3	21/May/19	21-W042		0.04	0.0001	0.289	0.104	<0.000015	65	<0.001	<0.0001	0.0001	0.462	0.00002	27.4	0.063	-	1.6	<0.0001	13.7	0.658	0.00014	<0.0001	<0.005	7.74	12.31	5.33	0.515	<0.010	-4

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
Groundwater Sampling Location	Date	Sample ID	RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[sl]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
	21/Oct/28	21-W062		0.04	0.0002	0.34	0.121	<0.000015	71.8	0.001	<0.0001	0.0005	0.589	0.00003	28.5	0.079	-	1.7	<0.0001	15.1	0.707	0.00017	<0.0001	<0.005	7.93	10.80	12.67	0.557	<0.010	-72
	22/May/12	22-W027		0.04	0.0001	0.309	0.106	<0.000015	69.5	<0.001	0.0001	0.0011	0.442	0.00011	27.6	0.067	-	1.5	<0.0001	14	0.679	0.00012	<0.0001	<0.005	7.51	12.17	3.78	0.411	<0.010	-21
	22/Nov/01	22-W052		0.02	0.0001	0.291	0.118	<0.000015	61.8	<0.001	<0.0001	<0.0001	0.474	<0.00002	27.2	0.069	-	1.8	<0.0001	14.2	0.666	0.00015	<0.0001	<0.005	8.01	13.02	5.80	0.536	<0.010	58
91-4	91/Nov/01								129				0.93	0.86	64			3		52									-	
	93/Jun/01																												-	
	94/Sep/01								270				20.4	0.86	139			6		139									-	
	95/Jun/01								226				12.8	0.52	100			2		116									-	
	96/Nov/01								227				12.9	0.54	118			4		114									-	
	08/May/14			0.01	0.017	0.701	0.756	<0.00002	213	<0.002		<0.002	14.8	<0.02	84.8	0.27		21.3		81				0.026					-	
	08/Nov/01			<0.01	0.0146	0.504	0.792	<0.00002	219	<0.002		0.002	7.75	<0.00002	73.4	0.229		24.3		90.5				0.026					-	
	09/Apr/01			0.05	0.0209	0.545	0.707	<0.00002	219	0.0147		<0.002	12.6	<0.00002	86	0.243		23.7		77.1				<0.005					-	
	09/Nov/17			1.07	0.0224	0.684	0.71	<0.00002	209	0.003		0.007	1.18	<0.00002	75.5	0.247		23.4		71.9				<0.005					-	
	10/Jul/01			0.33	0.025	0.791	0.767	<0.00002	218	<0.0002		<0.002	15	0.00031	80.4	0.223		26.1		67.5				<0.005					-	
	10/Nov/23			0.07	0.0278	0.734	0.758	<0.00002	214	<0.002		<0.002	16.5	0.00006	77.3	0.187		24.3		60.8				0.006					-	
	11/Nov/11			0.36	0.0287	0.75	0.837	0.00002	227	<0.002		0.002	19.5	0.00046	88.8	0.26		23.5		67.8	1.19			0.007					-	
	12/May/17			0.14	0.0194	0.754	0.703	0.00004	193	<0.002		<0.002	14.4	0.0001	77.2	0.15		23.2		61.5				<0.005					-	
	13/Jul/25			<0.010	<0.0010	0.285	0.073	<0.000090	62.5	<0.00050		<0.0010	<0.050	<0.00050	24.7	0.0899		1.8	0.00011	11.3				<0.0030					-	
	13/Oct/24					0.788	0.582		215				16.1	<0.00050	70.4	0.131		23.1		59.5									-	
	14/Jun/18			<0.010	0.0124	0.788	0.615	<0.000090	218	<0.00050		<0.0010	16.8	<0.00050	69.5	0.126		21.4	<0.00010	58				<0.0030					-	
	14/Oct/22			<0.010	0.0128	0.704	0.661	<0.000090	195	<0.00050		<0.0010	16.4	<0.00050	70	0.103		24.1	<0.00010	57.6				0.0055					-	
	15/May/06			nd	0.012	0.694	0.73	nd	205	nd	0.0103	nd	17.5	nd	78.7	0.096		21.8	nd	62.3	1.17	0.0005	0.0008	nd					-	
	15/May/06		DUP	nd	0.012	0.695	0.766	nd	206	nd	0.0101	nd	17.2	nd	80.2	0.093		21.5	nd	51.6	1.16	0.0005	0.0009	nd					-	
	15/Nov/16			nd	0.012	0.644	0.719	nd	170	nd	0.0097	nd	15.5	nd	78.6	0.092		22.5	nd	51.5	1.11	0.0005	0.0008	nd					-	
	15/Nov/16		DUP	nd	0.012	0.637	0.764	nd	198	nd	0.0098	nd	15.6	nd	91.8	0.092		21.8	nd	50.4	1.1	0.0005	0.0008	nd					-	
	16/Nov/28			0.069	0.011	0.628	0.601	<0.0001	160	<0.001	0.0091	<0.0005	14.2	<0.0001	60.9	0.121		21.3	<0.0001	47.6	1.03	0.0004	0.0009	<0.005					-	
	17/Aug/03	17-W002		<0.001	0.011	0.712	0.611	<0.0001	213	<0.001	0.01	<0.0005	18.1	<0.0001	71.6	0.11		19.9	<0.0001	53.7	1.07	0.0005	0.0008	<0.005	5.85	12.00	10.13	2.39	<0.010	
	17/Nov/23	17-W028		<0.001	0.011	0.709	0.666	<0.0001	187	<0.001	0.0102	<0.0005	14.6	<0.0001	66.1	0.093		18.7	<0.0001	49.8	1.07	0.0005	0.0009	<0.005	6.68	6.91	8.94	1.67	<0.010	
	18/May/24	18-W016		0.1	0.0105	0.704	0.648	<0.000015	199	<0.001	0.0097	<0.0001	13.8	<0.00002	73.7	0.103		20.7	<0.0001	56.4	1.04	0.00057	<0.005	<0.005	7.00	9.22	8.12	1.62	0.014	
	18/Nov/26	18-W033		0.07	0.0106	0.606	0.713	<0.000015	185	<0.001	0.0082	0.0004	16.5	0.00003	70.8	0.097		20.8	<0.0001	52.9	1.1	0.00041	0.008	0.006	8.37	7.75	4.97	1.51	0.273	
	19/May/07	19-W008		0.09	0.0097	0.604	0.634	0.000037	195	0.001	0.0084	0.0001	17.2	0.00004	70.8	0.105		18.7	<0.0001	50.5	0.998	0.00040	< 0.005	<0.005	6.94	12.52	6.08	1.47	0.014	-70
	19/Nov/26	19-W050		0.09	0.0097	0.581	0.651	<0.000015	188	<0.001	0.0080	0.0005	17.0	<0.00002	67.4	0.097	-	19.1	<0.0001	49.0	0.991	0.00040	0.005	0.005	7.38	9.25	5.1	1.52	0.031	
	20/Apr/07	20-W007		0.53	0.0090	0.631	0.652	<0.000015	200	0.002	0.0089	0.0022	19.1	0.00767	78.4	0.186	-	19.3	<0.0001	49.7	1.02	<0.005	<0.005	0.006	7.17	8.54	6.14	1.55	0.018	-79
	20/Nov/17	20-W040		0.13	0.0096	0.633	0.644	<0.000015	193	<0.001	0.0079	0.0009	17.9	0.00012	68.1	0.099	-	19.6	<0.0001	45.3	0.979	0.00047	0.001	<0.005	7.28	10.00	5.83	1.41	0.026	-77
	21/May/19	21-W041		0.1	0.0078	0.604	0.596	<0.000015	180	<0.001	0.0071	0.0002	16.2	0.00004	65.8	0.087	-	17.4	<0.0001	43.8	0.963	0.00045	0.001	<0.005	6.97	13.77	3.03	1.38	0.018	-68
	21/Oct/28	21-W064		0.04	0.0087	0.54	0.599	<0.000015	162	0.006	0.0073	<0.0001	<0.005	<0.00002	61.1	0.13	-	17	<0.0001	43.9	0.916	0.00042	0.001	<0.005	6.96	11.00	10.14	1.42	0.014	-85
	22/May/12	22-W026		0.09	0.0082	0.57	0.614	<0.000015	192	<0.001	0.0067	0.0008	18.5	0.00015	66.4	0.096	-	16.5	<0.0001	45.9	0.964	0.00030	0.001	<0.005	7.33	12.12	3.13	1.1	0.033	-79
	22/Nov/01	22-W051		0.06	0.0076	0.515	0.63	<0.000015	165	<0.001	0.0063	<0.0001	14.8	<0.00002	62.8	0.087	-	16.9	<0.0001	41.6	0.905	0.00042	0.001	<0.005	7.32	12.66	4.66	1.1	0.032	-63
99-1	98/Oct/01								87.1				0.05		34.6	0.41		6.62		25.5									-	
	99/Jun/01								64.5						31.9			4.4		15.7									-	
	99/Oct/01								90						37			5		21									-	
	00/Jul/01				nd	0.27	nd	nd	170	nd	0.01	nd	0.6	nd	51	1.1		1.8	nd	16			nd	nd					-	
	00/Oct/01				nd	0.18	nd	nd	84	1.3	0.01	0.015	26	0.015	35	0.35		6.2	0.004	20			0.01	0.38					-	
	01/Dec/01			0.009	nd	0.049	0.013	nd	61.4	nd	0.0002	0.0045	nd	0.0006	18.9	0.01		2	nd	51	0.261	0.0047	nd	nd					-	
	03/Jul/01			0.907	<0.002	0.061	0.016	<0.0001	77.5	<0.005	0.0005	0.0068	0.55	0.0013	22.2	0.046		2.7	<0.0001	31	0.246	0.0034	0.0012	0.081					-	
	03/Oct/01			0.318	nd	0.03	0.012	nd	33.1	nd		0.0048	0.23	nd	8.42	nd		2.2		33.8				0.006					-	
	04/May/01			0.32	nd	0.06	0.015	nd	74.1	nd	0.0049	0.0031	4.32	0.0017	21.6	0.677		2.9	nd	21.9	0.261	0.002	0.0014	0.03					-	
	04/Nov/01			2.32	nd	0.139	0.011	0.0002	83.7	0.008	0.008	0.0255	8.04	0.019	23.5	0.299		4.1	nd	24	0.285	0.0052	0.0112	0.048					-	
	05/May/01					0.075	0.05	nd	52.8			0.004	nd	nd	61	0.003		0.9						0.01					-	
	05/Oct/01			3.3	0.002	0.27	0.012	0.0003	48	nd		0.039	13	0.057	13.7	0.7		3		25.7				0.14					-	
	06/Apr/01			0.005		0.049	nd	nd	70	nd		0.004	0.068	nd	19	0.2		2.9		36				0.008					-	
	06/Oct/01			0.033	0.001	0.078	0.031	<0.0001	73	<0.005		0.006	0.16	<0.0005	22	0.056		4.4		20				<0.005					-	
	07/May/01			0.01	0.0008	0.046	0.012	<0.00002	81.5	<0.002		0.003	0.48	0.00012	22.6	0.229		2.3		19.1				0.025					-	
	08/May/14			<0.01	0.0005	0.038	0.009	<0.00002	59.6	<0.002		0.003	0.012	<0.02	17.2	0.198		2.1		22.4				0.016					-	
	09/Apr/01			0.22	0.0004	0.266	0.025	0.00007	85.7	0.001		0.003	0.111	0.00018	18.7	0.296		2.9		36.5				0.022					-	
	09/Nov/17			0.4	<0.0001	0.027	0.008	<0.00002	47.6	<0.002		0.004	0.36	<0.00002	14	0.037		3		27.4				<0.005					-	
	10/Jul/14			2.95	0.0004	0.048	0.015	0.00003	66	0.0008		0.007	3.14	0.00067	18.9	0.399		4.1		26.7				0.074					-	
00-1	00/Oct/01				nd	0.76	0.85	0.001	180	nd	0.025	0.01		31	84	nd		51	0.005	130	nd			0.06					-	
	01/Dec/01			0.075	nd	0.279	1.02	0.0002	135	nd	0.0013	0.0026		0.91	58.2	0.0011		37	nd	140	nd	nd	0.0012	0.0009					-	
	02/Nov/01			0.027	nd	0.335	1.12	nd	143	nd	0.0013	0.0029		0.64	57.1	nd		38.7	nd	137	nd	nd	0.0009	0.001					-	
	03/Jul/01			0.03	<0.002	0.394	1.75	<0.0001	153	<0.005	0.0026	0.0018		0.52	64.8	0.0009		46.4	<0.002	212	<0.0001	<0.005	0.0017	0.0033					-	

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
			RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[d]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
	03/Oct/01			0.033	nd	0.434	1.95	nd	156	nd		0.0037		6.03	63	0.0013		50.4	nd	198									-	
	04/May/01			0.028	nd	0.37	1.52	0.0001	178	nd	0.0032	0.0021		2.43	71.1	0.0011		49.2	nd	158	nd	nd	0.0018	0.0006					-	
	05/May/01																												-	
	05/Oct/01								86.1						35.3			32		88.1									-	
	06/Apr/01								100						37			20		41									-	
	06/Oct/01								130						49			28		96									-	
	07/May/01			1.21	0.0016	0.254	0.565	0.00016	185	<0.002		<0.002		13.7	68.4	0.00369		28.4	0.0023	67.8									-	
	07/Oct/01																												-	
	08/May/14			0.02	0.0011	0.131	0.477	<0.00002	128	<0.002		<0.002		0.204	52.9	<0.02		24.9	0.0033	46.1									-	
03-2	03/Jul/01			<0.005	<0.002	0.458	0.237	<0.0001	141	<0.005	0.0004	0.0072	0.05	0.0007	68.5	0.394		3.4	<0.0001	65.7	1.73	0.0026	0.0013	0.018					-	
	03/Oct/01			0.005	nd	0.638	0.176	nd	48.5	nd		nd	0.58	0.001	43.2	0.034		2.7		25.2				0.006					-	
	04/May/01			nd	nd	0.672	0.161	nd	53	nd	0.0001	0.0006	0.42	0.0009	47.8	0.031		2.9	nd	27.2	1.32	0.0002	nd	0.01					-	
	04/May/01		DUP	nd	nd	0.679	0.16	nd	53.3	nd	0.0001	0.0006	0.28	nd	47.8	0.032		2.9	nd	27.1	1.31	0.0003	nd	0.008					-	
	04/Nov/01			nd	nd	0.622	0.171	nd	54	nd	0.0007	0.0029	nd	nd	46.6	0.027		3	nd	26	26	0.001	0.0042	nd					-	
	04/Nov/01		DUP	nd	nd	0.673	0.162	nd	52.4	nd	0.0007	0.0036	nd	nd	45.5	0.021		3.1	nd	25.3	1.32	0.0015	0.0043	nd					-	
	05/May/01			0.008	nd	0.78	0.16	nd	53.8	nd	nd	0.006	0.5	nd	54.6	0.022		4.7	nd	37	1.4	nd	nd	0.011					-	
	05/Oct/01			0.014	0.002	0.32	0.15	nd	44.8	nd		nd	0.082	nd	43.2	0.07		2		28.6				0.005					-	
	06/Apr/01			nd	nd	0.55	0.18	nd	59	nd		nd	0.31	nd	47	0.045		3.4		29				nd					-	
	06/Oct/01			1.6	<0.001	0.63	0.19	<0.0001	77	<0.005		0.003	3.5	0.0014	58	0.18		5.3		30				0.013					-	
	07/May/01			0.08	0.0003	0.409	0.161	<0.00002	64.6	<0.002		<0.002	0.523	<0.00002	50.8	0.084		3.1		28.7				0.018					-	
	07/Oct/01			0.02	<0.03	0.292	0.102	<0.005	30.2	<0.002		0.002	0.68	<0.01	26.5	0.072		2.7		21.2				0.039					-	
	08/May/14			<0.01	0.001	0.678	0.161	<0.00002	55.6	<0.002		<0.002	0.574	<0.02	46.4	0.032		3.2		28.7				0.017					-	
	09/Apr/01			0.05	0.0002	0.486	0.15	<0.00002	53.8	0.0016		<0.002	0.569	<0.00002	49.5	0.053		3.2		29.1				<0.005					-	
	10/Jul/01			0.31	0.0007	0.724	0.175	<0.00002	54.1	0.0005		<0.002	1.03	0.00056	48.3	0.039		3.7		28				<0.005					-	
	10/Nov/23			0.07	0.0007	0.639	0.164	<0.00002	54.8	<0.002		<0.002	0.71	0.00007	50.9	0.034		3.1		25.8				<0.005					-	
	10/Nov/23		DUP	0.17	0.0006	0.52	0.163	<0.00002	54.5	<0.002		<0.002	0.791	0.00016	51.4	0.055		3		26				0.006					-	
	11/May/31																												-	
	11/Nov/11			0.26	0.0007	0.521	0.19	<0.00002	53.6	<0.002		<0.002	1.01	0.00012	53.7	0.067		3.1		27.5	1.38			<0.005					-	
	12/Apr/25			0.5	0.0007	0.587	0.182	<0.00002	55.9	0.001		<0.002	0.933	0.00018	51.7	0.057		3.5		28.5				<0.005					-	
	12/Oct/10			0.04	0.0014	0.356	0.114	< 0.005	31.4	< 0.002		0.002	0.177	0.00114	29.6	0.038		3.5		19.3				0.007					-	
15-1	15/Nov/16			nd	nd	0.498	0.248	nd	107	nd	nd	nd	1.53	nd	87.4	0.156		3.16	nd	36.1	1.36	0.0016	nd	nd					-	
	16/Nov/15			0.113	0.001	0.488	0.261	<0.0001	143	<0.001	0.0007	<0.0005	1.73	<0.0001	66.4	0.166		3.3	<0.0001	35.1	1.24	0.0014	0.0006	<0.005					-	
	17/Aug/03	17-W009		<0.001	0.001	0.464	0.212	<0.001	133	<0.001	0.0137	<0.0005	2.93	<0.0001	70.4	0.169	0.003	3.27	<0.0001	34.9	1.29	0.0011	<0.0005	<0.005	5.92	17.95	4.17	1.01	<0.010	
	17/Nov/23	17-W027		<0.001	0.002	0.625	0.296	<0.001	138	<0.001	0.0011	<0.0005	3.06	<0.0001	71.4	0.182	0.003	3.18	<0.0001	37.4	1.42	0.0013	<0.0005	<0.005	6.95	5.22	6.91	1.36	<0.010	
	18/May/24	18-W017		0.06	0.0007	0.409	0.17	<0.000015	108	< 0.001	0.0006	0.0001	2.13	0.00005	56.1	0.146		2.6	<0.0001	28.1	0.967	0.00085	< 0.005	< 0.005	6.9	8.38	0.00	0.98	<0.010	
	18/Nov/27	18-W049		0.07	0.0011	0.566	0.325	<0.000015	139	< 0.001	0.0013	0.0005	3.34	0.00007	79.9	0.163		3.3	<0.0001	42.1	1.43	0.00121	0.006	< 0.005	7.45	9.03	6.07	5.87	<0.010	
	19/May/07	19-W005		0.05	0.0010	0.382	0.165	<0.000015	99.4	0.001	0.0009	0.0001	1.28	0.00003	52.2	0.125		2.5	<0.0001	27.0	0.953	<0.0005	0.00088	< 0.005	7.22	11.4	1.09	0.86	<0.010	-9
	19/Nov/26	19-W046		0.44	0.0008	0.600	0.290	<0.000015	154	0.001	0.0009	0.0006	4.19	0.00044	76.2	0.222	-	3.3	<0.0001	38.3	1.42	<0.0005	0.0014	< 0.005	7.36	9.6	4.12	1.26	<0.010	
	20/Apr/07	20-W004		2.12	0.0019	0.530	0.202	0.000034	175	0.005	0.0034	0.0056	7.19	0.00275	86.2	0.539	-	3.8	<0.0001	29.6	1.12	0.008	0.00289	0.015	7.27	8.01	0.00	1.01	<0.010	-45
	20/Nov/17	20-W037		0.11	0.0021	0.611	0.289	<0.000015	148	<0.001	0.0017	0.0003	3.65	0.00008	78.6	0.188		3.4	<0.0001	40.4	1.45	0.00155	0.0004	<0.005	7.56	9.05	13.04	1.25	<0.010	-26
	21/May/19	21-W040		0.17	0.0011	0.384	0.175	<0.000015	102	<0.001	0.001	0.0009	2.24	0.0002	54.3	0.145	-	2.7	<0.0001	26	0.987	0.00095	0.0008	<0.005	7.35	10.44	3.02	0.861	<0.010	-32
	21/Oct/28	21-W061		0.02	0.0016	0.502	0.292	<0.000015	87.5	<0.001	0.0014	0.0005	< 0.005	0.00013	70.8	0.057	-	3.6	<0.0001	38	1.35	0.00242	0.0003	<0.005	7.33	10.17	5.93	1.30	<0.010	-95
	22/May/12	22-W025		0.06	0.0007	0.442	0.191	<0.000015	113	<0.001	0.0006	0.0009	2.28	0.00011	56.5	0.139	-	2.6	<0.0001	28.4	1.09	0.00085	0.0001	<0.005	7.6	9.99	4.49	0.74	<0.01	-20
	22/Nov/01	22-W058		0.06	0.0009	0.578	0.316	<0.000015	131	<0.001	0.0007	0.0001	3.39	0.00007	75.2	0.154	-	3.3	<0.0001	39	1.57	0.00118	0.0002	<0.005	7.65	13.42	1.47	0.93	<0.01	1
15-2	15/Nov/16			nd	nd	0.966	0.192	nd	27.5	nd	nd	nd	0.686	nd	57	0.016		3.67	nd	29.2	1.22	nd	nd	nd					-	
	16/Nov/15			0.109	0.001	0.944	0.183	<0.0001	45.1	<0.001	0.0007	<0.0005	0.304	<0.0001	44.5	0.027		3.69	<0.0001	29.6	1.16	0.0003	<0.0005	<0.005					-	
	17/Aug/03	17-W008		<0.001	<0.001	0.887	0.165	<0.001	50.5	<0.001	<0.0005	<0.0005	0.615	<0.0001	48.7	0.023	<0.001	3.16	<0.0001	31.1	1.3	<0.0001	<0.0005	<0.005	6.33	13.66	0.00	0.552	<0.010	
	17/Nov/23	17-W024		<0.001	<0.001	0.981	0.193	<0.001	47.4	<0.001	<0.0005	<0.0005	0.617	<0.0001	43.2	0.021	<0.001	2.88	<0.0001	28.1	1.31	<0.0001	<0.0005	<0.005	7.16	5.41	11.86	0.724	<0.010	
	18/May/23	18-W008		0.03	0.0004	0.961	0.199	<0.000015	47.3	<0.001	0.0001	<0.0001	0.242	< 0.00002	51.5	0.028		3.2	<0.0001	33	1.33	<0.00005	< 0.005	<0.005	6.88	12.00	2.74	0.786	<0.010	
	18/Nov/26	18-W031		0.02	0.0001	0.893	0.201	<0.000015	47.0	<0.001	<0.0001	0.0002	0.573	< 0.00002	49	0.021		3.2	<0.0001	32.5	1.39	<0.00005	< 0.005	<0.005	8.73	10.19	3.95	0.662	0.017	
	19/May/07	19-W003		0.03	0.0003	0.854	0.187	<0.000015	47.9	0.001	0.0002	0.0005	0.203	0.00006	49.2	0.027		3.0	<0.0001	31.4	1.30	0.00006	< 0.005	<0.005	7.79	11.32	1.35	0.648	<0.010	32
	19/Nov/26	19-W048		0.04	0.0001	0.965	0.192	<0.000015	50.5	<0.001	<0.0001	<0.0001	0.467	< 0.00002	46.8	0.018	-	3.0	<0.0001	30.8	1.34	<0.00005	< 0.005	<0.005	7.98	7.7	5.56	0.713	<0.010	
	20/Apr/07	20-W002		<0.01	0.0003	0.851	0.191	<0.000015	47.7	<0.001	0.0003	0.0003	0.170	0.00004	52.3	0.029	-	3.0	<0.0001	32.3	1.34	< 0.005	< 0.00005	<0.005	7.65	8.29	0.00	0.698	<0.010	14
	20/Nov/17	20-W035		0.03	0.0005	0.902	0.195	<0.000015	49.2	<0.001	0.0002	0.0009	0.383	< 0.00002	49.9	0.028	-	3.0	<0.0001	32.5	1.35	0.00008	0.0002	<0.005	8.15	9.62	4.41	0.641	<0.010	-28
	21/May/19	21-W037		0.03	0.0002	0.839	0.192	<0.000015	47.0	<0.001	0.0002	<0.0001	0.354	0.00004	48.3	0.024	-	2.9	<0.0001	30.6	1.31	<0.00005	0.0002	<0.005	8.16	13.78	9.30	0.621	<0.010	124
	22/Nov/01	22-W060		0.01	0.0005	0.735	0.189	<0.000015	41.2	<0.001	0.0002	0.0037	0.012	0.0001	45.4	0.018	-	2.9	<0.0001	28.8	1.24	0.00007	0.0003	<0.005	8.11	12.35	2.95	0.499	<0.010	81
MW101	17/Nov/23						dry conditions																							
	18/May/23						dry conditions																							
	18/Nov/26						dry conditions																							
	19/May/07						dry conditions																							
	19/Nov/13						dry conditions																							
	20/Apr/07						dry conditions																							
	20/Nov/17						dry conditions																							
	21/May/19						dry conditions																							
	21/Oct/27						dry conditions																							
	22/May/12						dry conditions																							
	22/Nov/01						dry conditions																							
MW102	17/Nov/23	17-W035		<0.001	<0.001	0.794	0.056	<0.001	161	<0.001	0.0006	0.0009	0.51	<0.0001	46.8	0.554	0.001	11.1	<0.0001	28.5	0.993	0.0033	<0.0005	<0.005	6.81	6.98	8.37	1.36	<0.010	
	18/May/24	18-W020		0.08	0.0002	0.951	0.04	<0.000015	168	<0.001	0.0005	0.0017	0.42	0.00004	50.5	0.501	-	15.4	<0.0001	39.4	0.857	0.00253	<0.005	<0.005	7.05	9.28	6.3	1.4	<0.010	
	18/Nov/27	18-W038		0.06	0.0002	0.859	0.048	<0.000015	153	<0.001	0.0006	0.0011	0.558	<0.00002	54.5	0.481	-	10.9	<0.0001	58.8	0.969	0.00308	<0.005	<0.005	8.55	8.18	19.93	1.46	<0.010	
	19/May/08	19-W018		0.07	0.0002	0.841	0.047	<0.000015	160	0.002	0.0004	0.0014	0.378	0.00002	54.1	0.465	-	9.7	<0.0001	41.6	0.914	0.00297	<0.005	<0.005	7.13	7.77	9.43	1.42	<0.010	77
	19/Nov/13	19-W041		0.08	0.0002	0.943	0.050	<0.000015	176	<0.001	0.0009	0.0013	0.524	0.00004	59.9	0.526	-	10.7	<0.0001	57.8	1.06	0.00260	<0.005	<0.005	7.62	6.99	7.43	1.63	<0.010	51
	20/Apr/07	20-W010		0.05	0.0001	0.941	0.044	<0.000015	159	<0.001	0.0007	0.002	0.387	0.00003	53.8	0.468	-	15.1	<0.0001	49.2	0.861	< 0.005	0.00305	<0.005	7.30	8.74	2.04	1.45	<0.010	82
	20/Nov/18	20-W055		0.10	0.0002	0.878	0.058	<0.000015	162	<0.001	0.0004	0.0023	0.524	0.00006	60.3	0.517	-	10.4	<0.0001	60.7	1.01	0.00277	0.0002	<0.005	7.08	6.29	2.57	1.57	<0.010	223
	21/May/18	21-W028		0.07	0.0001	0.821	0.046	<0.000015	149	<0.001	0.0004	0.0015	0.384	<0.00004	50	0.444	-	12.6	<0.0001	48.9	0.851	0.00268	<0.0001	<0.005	7.14	11.92	3.54	1.28	<0.010	24
	21/Oct/28	21-W076		0.08	0.0001	0.844	0.059	<0.000015	165	<0.001	0.0005	0.0013	0.497	< 0.00004	57.4	0.528	-	9.9	<0.0001	62.6	0.991	0.00357	0.0002	<0.005	7.09	12.94	3.21	1.44	<0.010	-1
	22/May/11	22-W018		0.07	0.0001	0.867	0.044	<0.000015	156	<0.001	0.0004	0.002	0.388	<0.00004	51.3	0.455	-	12.3	<0.0001	50	0.861	0.00322	0.0002	<0.005	7.26	13.22	1.16	0.991	<0.010	70
	22/Nov/01	22-W046		0.05	0.0001	0.784	0.056	<0.000012	140	<0.001	0.0004	0.0016	0.384	<0.00002	50.1	0.45	-	13.1	<0.0001	55.2	0.829	0.00313	0.0002	<0.005	7.45	11.87	3.38	1.03	<0.010	75

PARAMETERS				Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
Groundwater Sampling Location	Date	Sample ID	RL (2022)	0.01	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	-	0.1	0.0001	0.2	0.001	0.00005	0.0001	0.005	-	-	-	-	0.01	-
			ODWS	0.1 OG	0.01 CS	1 CS	5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO				200 AO[a]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
MW103	17/Nov/23	17-W034		<0.001	<0.001	0.204	0.077	<0.001	158	<0.001	0.001	0.0044	<0.1	<0.0001	50.6	0.388	0.003	3.99	<0.0001	93	0.994	0.0051	0.0007	<0.005	6.84	6.94	17.16	1.61	<0.010	-
	18/May/24	18-W021		0.07	0.0007	0.174	0.047	<0.000015	162	<0.001	0.0005	0.005	<0.005	0.00003	54.9	0.402	-	4.9	<0.0001	60.8	0.76	0.00289	<0.005	<0.005	7.14	8.69	7.33	1.45	<0.010	-
	18/Nov/26	18-W039		0.05	0.0006	0.14	0.079	<0.000015	116	<0.001	0.0004	0.0034	<0.005	0.00003	44.3	0.102	-	3.8	<0.0001	146	0.759	0.0067	<0.005	<0.005	8.36	7.87	6.44	1.45	<0.010	-
	19/May/08	19-W019		0.07	0.0014	0.120	0.049	0.000018	149	0.001	0.0004	0.0052	0.005	0.00007	56.5	0.191	-	9.1	<0.0001	83.9	0.730	0.00348	<0.005	<0.005	7.27	5.85	5.33	1.6	<0.010	106
	19/Nov/13	19-W042		0.09	0.0005	0.236	0.054	0.000025	152	<0.001	0.0010	0.0054	<0.005	0.00019	53.2	0.483	-	7.2	<0.0001	73.0	0.971	0.00181	<0.005	0.006	7.34	6.58	4.48	1.48	<0.010	108
	20/Apr/07	20-W011		0.05	0.0005	0.150	0.045	0.000016	159	0.007	0.0006	0.005	0.013	0.0001	58.6	0.343	-	5.1	<0.0001	50.0	0.799	< 0.005	0.00223	<0.005	7.31	8.03	6.36	1.42	<0.010	203
	20/Nov/16	20-W056		0.10	0.0031	0.197	0.114	0.000043	164	<0.001	0.0007	0.0265	0.050	0.00026	71.1	0.029	-	48.1	<0.0001	85.7	0.862	0.00287	0.0132	0.005	6.94	8.49	3.76	1.6	<0.010	194
	21/May/18	21-W027		0.08	0.0012	0.129	0.053	<0.000015	142	<0.001	0.0005	0.0062	0.024	0.00009	53.2	0.356	-	12.9	<0.0001	47.5	0.71	0.00248	0.0031	<0.005	7.32	13.77	5.73	1.18	<0.010	141
	21/Oct/28	21-W077		0.12	0.0009	0.154	0.063	<0.000015	144	<0.001	0.0006	0.0042	0.098	0.00027	50.9	0.448	-	8.8	<0.0001	86.0	0.813	0.0053	0.0025	<0.005	7.27	11.53	5.08	1.37	<0.010	178
	22/May/11	22-W019		0.08	0.0007	0.11	0.045	0.000017	152	<	0.0005	0.0046	0.005	0.00006	55.6	0.422	-	6.3	<0.0001	53.8	0.774	0.00353	0.0021	<0.005	8.19	11.75	9.06	1.02	<0.010	182
	22/Nov/01	22-W048		0.05	0.0007	0.123	0.064	0.000015	134	<	0.0003	0.0052	0.009	0.00012	54	0.12	-	7.2	<0.0001	66.8	0.804	0.00388	0.0021	<0.005	7.48	12.54	2.4	1.05	<0.010	131
MW104	17/Nov/23	17-W043		<0.001	<0.001	0.306	0.066	<0.001	105	<0.001	0.0008	<0.0005	0.146	<0.0001	65.2	0.152	<0.001	2.74	<0.0001	29.8	0.933	0.003	<0.0005	<0.005	6.99	8.25	2.13	1.27	<0.010	-
	18/May/24	18-W019		0.08	0.0002	0.317	0.066	<0.000015	105	<0.001	0.0005	0.0002	0.037	0.00005	69	0.173	-	3.1	<0.0001	35.3	0.882	0.00282	<0.005	<0.005	8.25	12.81	4.69	1.21	<0.010	-
	18/Nov/26	18-W059		0.05	0.0002	0.434	0.056	<0.000015	103	<0.001	0.0005	0.0002	0.354	<0.00002	73.5	0.13	-	3.2	<0.0001	34.1	1	0.0027	<0.005	<0.005	7.95	8.43	0.00	1.27	<0.010	-
	19/May/08	19-W021		0.07	0.0002	0.459	0.056	<0.000015	111	0.002	0.0004	0.0003	0.021	<0.00002	70.9	0.184	-	3.2	<0.0001	35.6	0.939	0.0034	<0.005	<0.005	7.83	11.58	9.52	1.26	<0.010	223
	19/Nov/12	19-W031	LF	0.06	0.0002	0.588	0.058	<0.000015	116	<0.001	0.0004	0.0006	0.655	0.00023	73.6	0.128	-	3.0	<0.0001	37.3	0.996	0.00254	<0.005	0.005	7.1	11.24	0.69	1.31	<0.010	-81
	20/Apr/08	20-W020		0.04	0.0002	0.458	0.057	<0.000015	101	0.001	0.0006	0.0005	0.368	0.00005	66.7	0.159	-	2.8	<0.0001	33.8	0.854	<0.005	0.00278	<0.005	7.51	6.85	2.76	1.24	<0.010	156
	20/Nov/18	20-W053		0.07	0.0003	0.513	0.062	<0.000015	110	<0.001	0.0004	0.0039	0.495	0.00014	77.4	0.158	-	3.2	<0.0001	37.9	1.04	0.00266	<0.0001	<0.005	7.25	8.60	5.64	1.33	<0.010	142
	21/May/18	21-W024		0.06	0.0002	0.438	0.057	<0.000015	97.6	<0.001	0.0004	0.0002	0.383	<0.00004	65.5	0.146	-	2.7	<0.0001	34.6	0.857	0.00274	0.0001	<0.005	8.00	12.44	6.14	1.03	<0.010	15
	21/Oct/28	21-W069	LF	0.05	0.0002	0.525	0.063	<0.000015	105	<0.001	0.0008	0.008	0.69	0.00004	68.1	0.12	-	2.8	<0.0001	36.1	0.939	0.00322	<0.0001	0.006	7.35	11.27	0.89	1.14	<0.010	-64
	22/May/11	22-W010		0.06	0.0002	0.309	0.046	<0.000015	109	<0.001	0.0002	0.0022	0.094	0.0001	70.8	0.064	-	2.1	<0.0001	39.5	0.806	0.00286	0.0002	<0.005	8.02	15.78	0	1.11	<0.010	-4
	22/Oct/31	22-W041		0.03	0.0002	0.297	0.058	<0.000015	95.1	<0.001	<0.0001	0.0016	<0.005	0.00008	65.3	0.012	-	2.5	<0.0001	37	0.75	0.00256	0.0007	<0.005	7.43	12.42	1.28	1.11	<0.010	108
MW105	17/Nov/23	17-W044		<0.001	<0.001	0.204	0.066	<0.001	100	<0.001	<0.0005	<0.0005	<0.1	<0.0001	59.7	<0.005	0.001	1.86	<0.0001	67	0.714	0.0091	0.0008	0.006	7.17	5.23	16.01	1.35	<0.010	-
	18/May/24	18-W018		0.06	0.0002	0.247	0.037	<0.000015	109	<0.001	<0.0001	0.0004	<0.005	<0.00002	71	0.028		1.9	<0.0001	34.6	0.738	0.00343	<0.005	<0.005	8.34	18.69	16.79	1.17	<0.010	-
	18/Nov/26	18-W045		0.04	0.0001	0.315	0.05	<0.000015	106	<0.001	0.0002	0.0004	<0.005	<0.00002	73	0.001		2.2	<0.0001	42.7	0.855	0.00368	<0.005	<0.005	8.82	6.24	41.88	1.27	<0.010	-
	19/May/08	19-W022		0.07	0.0004	0.231	0.041	<0.000015	112	0.001	0.0002	0.0006	<0.005	0.00004	73.1	0.033		1.7	<0.0001	42.2	0.804	0.00293	<0.005	<0.005	7.94	11.74	8.70	1.27	<0.010	217
	19/Nov/12	19-W032	LF	0.07	0.0005	0.371	0.056	<0.000015	121	<0.001	0.0004	0.0079	0.032	0.00042	77	0.022		2.5	<0.0001	40.4	0.891	0.00252	<0.005	0.013	7.18	7.88	0.00	1.35	<0.010	77
	20/Apr/08	20-W019		0.04	0.0006	0.311	0.039	<0.000015	112	<0.001	0.0009	0.0004	0.073	<0.00002	72.7	0.095	-	1.9	<0.0001	36.4	0.769	< 0.005	0.00262	<0.005	7.70	5.39	14.74	1.33	<0.010	180
	20/Nov/18	20-W060		0.07	0.0003	0.318	0.061	<0.000015	110	<0.001	0.0002	0.0013	0.027	0.00005	76.3	0.021	-	2.3	<0.0001	43.9	0.869	0.00272	0.0008	<0.005	7.60	4.58	1.76	1.37	<0.010	10
	21/May/18	21-W023		0.08	0.0002	0.343	0.048	<0.000015	109	0.001	0.0003	< 0.0001	0.019	<0.00004	72.7	0.034	-	2.2	<0.0001	36.9	0.827	0.00254	0.0005	<0.005	8.19	14.32	5.73	1.11	<0.010	65
	21/Oct/28	21-W070		0.09	0.0003	0.375	0.06	<0.000015	123	<0.001	0.0004	0.0001	0.009	<0.00004	75.4	0.067	-	2.6	<0.0001	44.4	0.912	0.00311	0.0007	<0.005	7.53	12.08	6.07	1.28	<0.010	56
	22/May/11	22-W030		0.06	0.0002	0.309	0.046	<0.000015	109	<0.001	0.0002	0.0022	0.094	0.0001	70.8	0.064	-	2.1	<0.0001	39.5	0.806	0.00286	0.0002	<0.005	8.02	15.78	0	1.11	<0.010	-4
	22/Oct/31	22-W041		0.03	0.0002	0.297	0.058	<0.000015	95.1	<0.001	<0.0001	0.0016	<0.005	0.00008	65.3	0.012	-	2.5	<0.0001	37.0	0.75	0.00256	0.0007	<0.005	7.43	12.42	1.28	1.11	<0.010	108
MW106	17/Nov/23	17-W042		<0.001	<0.001	0.707	0.255	<0.001	80.4	<0.001	<0.0005	<0.0005	0.551	<0.0001	62.9	0.046	0.001	3.29	<0.0001	38.4	1.81	0.0001	<0.0005	<0.005	7.12	7.31	16.15	1.07	<0.010	-
	18/May/23	18-W003	LF	0.04	0.0007	0.607	0.218	<0.000015	65	<0.001	<0.0001	<0.001	0.38	<0.00002	64.7	0.051		3.1	<0.0001	35.6	1.55	0.00014	<0.005	<0.005	8.46	13.58	2.51	0.883	0.020	-
	18/Nov/27	18-W050	LF	0.04	0.0003	0.787	0.298	<0.000015	88.6	<0.001	0.0001	0.0002	0.616	0.00002	73.6	0.038		3.4	<0.0001	46.5	2.01	< 0.00005	0.007	<0.005	7.63	7.94	5.19	2.87	<0.010	-
	19/May/08	19-W028		0.05	0.0015	0.720	0.229	<0.000015	74.3	0.001	0.0002	0.0002	0.212	0.00005	66.9	0.062		3.3	<0.0001	41.7	1.70	0.00025	<0.005	<0.005	8.14	9.88	8.31	1.09	0.010	33
	19/Nov/12	19-W033		0.05	0.0007	0.736	0.263	<0.000015	70.1	<0.001	0.0003	0.0020	<0.005	0.00022	79	0.028		3.5	<0.0001	43.9	1.98	0.0001	0.048	<0.005	7.65	4.91	4.35	1.16	<0.010	70
	20/Apr/07	20-W027		0.65	0.0009	0.747	0.231	<0.000015	74.7	0.002	0.0008	0.0014	1.52	0.00064	81.7	0.096	-	3.5	<0.0001	41.6	1.76	< 0.005	0.00023	0.005	7.82	8.48	0.63	1.06	<0.010	45
	20/May/12	20-W031		0.05	0.0003	0.893	0.285	<0.000015	97.1	<0.001	0.0002	0.0005	0.774	0.00006	81.5	0.029		3.4	<0.0001	50.0	2.21	0.00018	0.0002	<0.005	7.45	11.45	11.63	0.974	0.002	99
	20/Nov/17	20-W045		0.06	0.0003	0.928	0.292	<0.000015	95.3	<0.001	<0.0001	0.0004	0.827	<0.00004	79.2	0.025	-	3.4	<0.0001	48.5	2.11	0.00025	<0.0001	<0.005	7.80	7.72	0.96	1.15	<0.010	-115
	21/May/18	21-W014		0.05	0.0009	0.717	0.242	<0.000015	65	<0.001	<0.0001	0.0001	0.429	0.00007	71.6	0.021	-	2.8	<0.0001	51.9	1.69	0.00016	0.0002	<0.005	6.59	10.92	9.19	0.972	<0.010	47
	21/Oct/27	21-W049	LF	0.05	0.0003	1.02	0.339	<0.000015	106	<0.001	<0.0001	0.0007	1.02	<0.00004	84.3	0.03	-	3.6	<0.0001	51.9	2.37	0.00012	<0.0001	<0.005	7.37	10.41	2.02	1.23	<0.010	-63
	22/May/11	22-W005		0.05	0.0002	0.83	0.268	<0.000015	80	<0.001	<0.0001	0.001	0.651	0.00007	78.9	0.022	-	3.3	<0.0001	45.7	1.97	0.00008	<0.0001	<0.005	7.75	9.63	4.09	0.876	<0.010	-39
	22/Oct/31	22-W037		0.03	0.0002	0.923	0.325	<0.000015	89.7	<0.001	<0.0001	<0.001	0.758	<0.00002	85.4	0.024	-	3.6	<0.0001	51.8	2.22	0.00012	<0.0001	<0.005	7.29	10.66	0.00	1.2	<0.010	-137
MW107	18/May/23	18-W004		0.12	0.0012	0.158	1.4	0.000094	260	<0.001	0.0056	0.0034	0.023	0.00006	132	0.541		11.3	<0.0001	288	2.74	0.0275	<0.005	0.009	8.54	21.71	-	1.29	0.011	-
	18/Nov/27	18-W058		0.10	0.0031	0.089	1.97	<0.000015	246	<0.001	0.0053	0.0022	0.028	0.00005	139	0.786		17.2	<0.0001	303	2.58	0.0272	0.009	<0.005	insufficient water to measure parameters				<0.010	-
	19/May/08	19-W025		0.10	0.0010	0.074	1.76	0.000056	210	0.001	0.0037	0.0083	0.019	0.00009	112	1.02		29.0	<0.0001	260	2.52	< 0.005	0.0209	<0.005	7.73	8.01	6.82	2.63	<0.010	177
	19/Nov/13	19-W036		0.09	0.0007	0.057	1.49	<0.000029	182	<0.001	0.0026	0.0038	0.070	0.00012	98.1	0.504		23.6	<0.0001	171	2.02	0.011	0.006	0.009	7.65	5.57	9.50	0.999	<0.010	134
	20/Apr/07	20-W025		0.07	0.0006	0.070	1.64	0.00002	222	<0.001	0.0008	0.0121	0.006	0.00012	118	0.005	-	28.6	<0.0001	183	2.66	< 0.005	0.0161	0.009	insufficient water to measure parameters				<0.010	-
	20/Nov/18	20-W058		0.11	0.0006	0.068	1.84	0.000086	230	<0.001	0.0011	0.0086	0.014	0.00011	142	0.506	-	33.0	<0.0001	162	2.34	0.0101	0.0003	0.01	7.47	4.44	3	2.71	<0.010	149
	21/May/18	21-W018		0.10	0.0005	0.059	1.63	<0.000029	219	<0.001	0.0006	0.0077	<0.005	<0.00009	128	0.002	-	28.0	<0.0001	146	2.25	0.00991	0.0004	0.007	7.54	11.83	6.34	2.27	<0.010	67
	21/Oct/27	21-W052		0.10	0.0006	0.064	1.73	<0.000029	228	<0.001	0.0008	0.0083	0.030	0.00027	133	0.053	-	27.7	<0.0001	146	2.63	0.0113	0.0004	0.01	7.39	11.39	9.13	2.28	<0.010	107
	22/May/11	22-W008		0.09	0.0005	0.07	1.74	<0.000015	248	<0.001	0.0008	0.0092	0.008	0.00012	140	0.002	-	29.3	<0.0001	146	2.51	0.0113	0.0004	0.016	7.73	10.21	8.77	2	<0.010	125
	22/Nov/01	22-W043		0.08	0.0005	0.065	1.84	0.000124	233	<0.001	0.0011	0.0078	<0.005	0.00013	143	0.41	-	31.9	<0.0001	133	2.02	0.00778	0.0004	0.016	7.57	12.65	14.78	2.43	<0.010	106
MW201	19/Nov/26	19-W053		0.03	0.0057	0.073	0.268	0.000120	24.7	< 0.001	0.0004	0.0043	<0.005	0.00018	22.6	0.035		4.6	<0.0001	312	0.294	0.0713	0.008	0.008	8.92	10.52	7.42	1.57	0.029	165
	20/Apr/08	20-W022		0.01	0.0032	0.088	0.233	0.000126	36.8	< 0.001	0.0002	0.0034	0.013	0.00007	36.6	0.010	-	4.9	<0.0001	265	0.416	<0.005	0.0542	<0.005	8.29	6.69	33.38	1.57	<0.010	155
	20/Nov/17	20-W044		0.03	0.0020	0.079	0.241	0.000101	34.8	< 0.001	<0.0001	0.0009	<0.005	0.00005	32.2	0.007	-	4.4	<0.0001	282	0.504	0.0496	0.0013	<0.005	6.86	7.02	7.14	0.764	<0.010	267
	21/May/18	21-W019		0.03	0.0023	0.069	0.196	0.000076	25.5	< 0.001	<0.0001	0.0012	0.019	0.00005	24.0	0.002	-	3.4	<0.0001	278	0.515	0.0394	0.0014	<0.005	8.22	12.50	4.04	1.41	<0.010	102
	21/Oct/27	21-W054	LF	0.02	0.0023	0.085	0.186	0.000055	24.3	0.001	<0.0001	0.0014	0.009	<0.00004	22.4	0.001	-	2.9	<0.0001	277	0.6	0.0366	0.0018	<0.005	7.99	14.03	2.56	1.38	<0.010	94
	22/May/11	22-W001		0.01	0.0020	0.083	0.189	0.000070	25.9	0.001	<0.0001	0.0009	<0.005	0.00004	23	<0.001	-	3.2	<0.0001	282	0.528	0.0362	0.0017	<0.005	8.74	16.25	0	1.29	<0.0101	253
	22/Oct/31	22-W036		<	0.0031	0.081	0.141	0.000041	19.6	<0.001	<0.0001	0.0016	<0.005	0.00018	18.9	<0.001	-	2.5	<0.0001	273	0.533	0.0281	0.0018	<0.005	8.24	14.61	5.38	1.35	<0.0101	248
MW202	19/Nov/13	19-W044		0.06	0.0002	0.409	0.053	<0.000015	88.1	0.001	0.001	0.0006	<0.005	0.00004	68.5	0.158		3.7	0.0002	62.8	0.747	0.00324	<0.005	<0.005	7.92	6.88	22.95	1.21	<0.010	157
	20/Apr/07	20-W023		0.04	0.0002	0.427	0.036	<0.000015	85.6	0.003	0.0004	0.0009	<0.005	0.00002	70.3	0.036	-	2.1	<0.0001	57.8	0.725	< 0.005	0.00313	<0.005	7.74	5.98	8.30	1.25	<0.010	156
	20/Nov/17	20-W043		0.06	0.0003	0.474	0.052	<0.000015	90.0	0.002	<0.0001	0.0013	0.007	<0.00004	70.2	0.006	-	2.5	<0.0001	64.3	0.755	0.00387	0.0007	<0.005	6.95	8.94	6.28	1.15	<0.010	252
	21/May/18	21-W020		0.05	0.0002	0.437	0.044	<0.000015	80.1	0.002	<0.0001	0.0004	<0.005	<0.00004	65.7	<0.001	-	1.8	<0.0001	55.6	0.708	0.00322	0.0005	<0.005	8.02	11.51	7.02	1.02	<0.010	101
	21/Oct/27	21-W053	LF	0.04	0.0002	0.475	0.055	<0.000015	82.5	0.003	<0.0001	0.0004	<0.005	<0.00004	65.2	<0.001	-	2.2	<0.0001	62	0.77	0.00367	0.0007	<0.005	7.37	14.17	2.65	1.09	<0.010	142
	22/May/11	22-W002		0.05	0.0002	0.417	0.04	<0.000015	81.2	0.003	<0.0001	0.0006	<0.005	<0.00002	64.8	<0.001	-	1.7	<0.0001	63.6	0.713	0.0035	0.0006	<0.005	7.36	17.63	0.20	0.893	<0.0101	103
	22/Oct/31	22-W034		0.02	0.0002	0.447	0.053	<0.000015	77.6	0.002	<0.0001	0.0005	<0.005	0.00006	66.1	<0.001	-	2.1	<0.0001	61	0.746	0.00324	0.0006	<0.005	7.61	14.04	0.00	1.07	<0.0101	206
	22/Oct/31	22-W035	DUP	0.02	0.0002	0.443	0.051	<0.000015	77.2	0.003	<0.0001	0.0003	<0.005	<0.00002	65.2	<0.001	-	2.1	<0.0001	60.3	0.736	0.00331	0.0007	<0.005	7.61	14.04	0.00	1.07	<0.0101	206
MW203	19/Nov/13	19-W039		0.06	0.0009	0.550	0.373	<0.000015	79.8	<0.001	0.0002	0.0008	0.270	0.00002	56.7	0.026		4.7	<0.0001	48.0	1.93	0.0003	<0.005	<0.005	8.07	2.59	2.86	0.000	<0.010	64
	20/Apr/07	20-W028		0.28	0.0014	0.498	0.348	<0.000015	79.7	0.001	0.0004	0.0010	1.73	0.00029	59.7	0.050	-	4.7	<0.0001	55.4	1.91	<0.005	0.00037	<0.005	8.02	9.07	11.11	1.070	<0.010	-25
	20/May/12	20-W032		0.05	0.0010	0.488	0.357	<0.000015	80.4	<0.001	0.0002	0.0008	1.17	<0.00002	61.8	0.026		4.4	<0.0001	47.8	2.14	0.00024	<0.005	<0.005	7.47	11.03	8.08	0.952	<0.010	194
	20/Nov/17	20-W046		0.05	0.0012	0.505	0.346	<0.000015	73.7	<0.001	<0.0001	0.0007	1.26	<0.00002	54.5	0.034	-	4.7	<0.0001	52.1	1.96	0.00055	<0.0001	<0.005	7.82	8.49	1.15	0.925	<0.010	-119
	21/May/18	21-W015		0.05	0.0009	0.461	0.351	<0.000015	77.3	<0.001	<0.0001	<0.0001	1.34	<0.00002	59.7	0.035	-	4.6	<0.0001	44.6	2.27	0.00038	<0.0001	<0.005	7.56	11.18	4.61	0.922	<0.010	-92
	21/Oct/27	21-W047	LF	0.04	0.0009	0.499	0.366	<0.000015	77.5	<0.001	0.0001	<0.0001	1.30	<0.00002	60.4	0.049	-	4.9	<0.0001	48.4	2.39	0.0007	<0.0001	<0.005	7.53	10.20	1.48	0.975	<0.010	-78
	22/May/11	22-W004		0.05	0.0007	0.558	0.358	<0.000015	80.1	<0.001	0.0008	0.0015	0.01	0.00005	60.1	0.019	-	5.1	<0.0001	46.9	2.38	0.00097	0.0003	<0.005	8.14	9.84	9.1	0.788	<0.0101	191
	22/Oct/31	22-W038		0.02	0.0006	0.477	0.369	<0.000015	77	<0.001	0.0002	0.0014	0.04	0.00004	62.6	0.017	-	5.1	<0.0001	44.3	2.41	0.00083	0.0002	<0.005	7.75	13.62	0.00	0.754	<0.0101	130
MW301	21/Oct/28	21-W074		0.05	0.0006	0.126	0.264	<0.000015	73.0	<0.001	0.0002	0.0004	0.032	0.00003	35.9	0.224	-	3.4	<0.0001	34.0	1.18	0.00196	0.0004	<0.005	7.80	12.26	2.39	0.689	<0.010	5
	22/May/11	22-W012		0.04	0.0003	0.139	0.233	0.000015	71.5	0.001	0.0001	0.0019	0.031	0.00006	35.5	0.111	-	3.1	<0.0001	29.5	1.18	0.00222	0.0007	<0.005	7.51	24.13	0.00	0.563	<0.010	-25
	22/Oct/31	-		damaged																										
379 Eden Grove Road	21/Feb/03	21-W012		0.02	0.0002	0.208	0.220	<0.000015	77.4	<0.001	<0.0001	0.0004	0.464	0.00005	35.5	0.124	-	1.6	<0.0001	29.9	1.92	0.00065	<0.0001	<0.005	7.98	11.72	8.22	0.479	<0.010	-51
391 Eden Grove Road	21/Feb/04	21-W013		0.02	0.0001	0.220	0.212	<0.000015	79.0	<0.001	<0.0001	0.0002	0.887	<0.00002	35.4	0.132	-	1.6	<0.0001	29.1	1.94	0.00061	<0.0001	<0.005	8.65	6.86	7.24	0.435	<0.010	-98
	22/May/11	22-W017		0.09	<0.01	0.536	0.216	<0.000015	139	0.119	0.0006	0.0017	0.019	0.00017	69.9	0.412	-	5.4	<0.0001	94.1	2.28	0.00236	0.0004	0.009	7.66	11.55	6.65	1.02	0.01	
	22/Nov/01	22-W062		0.04	<0.01	0.458	0.192	<0.000015	116	<0.001	0.0004	0.0056	<0.005	0.00022	63.4	0.294	-	5.

DRAFT Groundwater Chemistry - Residential Wells

PARAMETERS				Alkalinity, total	Ammonia as N	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Mercury	Aluminum	Antimony
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			RL (2020)	5	0.01	3	5	0.2	1	1	-	0.001	0.01	3	3	0.1	0.5	0.05	0.05	1	0.00002	0.01	0.5
			ODWS	30-500 OG				5 AO		80-100 OG	6.5 - 8.5 OG			500 AO			250 AO	10 CS	1 CS	500 AO	0.001 CS	0.1 OG	6
			PWQO	(note a)								0.001	0.020								0.0002	0.075[b]	0.02
379 Eden Grove Road	21/Feb/03	21-W012		314	0.12	<3	<5	2.8	711	339	7.86	<0.002	<0.01	369	<3	0.2	6.3	<0.05	<0.05	44	<0.00002	0.02	-
391 Eden Grove Road	21/Feb/04	21-W013		323	0.07	<3	<5	2.9	717	343	7.95	<0.002	0.02	372	3	0.1	6.3	<0.05	<0.05	44	<0.00002	0.02	-
572 Eden Grove Road	20/Apr/07			not sampled due to COVID-19 restrictions																			
	20/Nov/17	20-W047		388	0.07	<3	<5	0.4	1720	656	7.85	<0.002	0.02	942	<3	0.4	308	0.4	0.08	43	<0.00002	0.08	<0.0001
	18-May-21	21-W026		403	0.09	<3	<5	2.4	1590	601	8.1	<0.002	<0.01	688	<3	< 0.1	271	<0.05	<0.05	45	<0.00002	0.06	-
	22/May/11	22-W017		420	0.15	<3	14	1.6	1600	635	8.12	<0.002	0.03	875	<3	0.4	259	<0.05	<0.05	51	<0.00002	0.09	-
	22/Nov/01	22-W062		399	0.04	<3	6	0.7	1470	551	7.97	<0.002	0.01	801	16	0.3	254	<0.05	<0.05	51	<0.00002	0.04	-

Table Cont'd

DRAFT Groundwater Chemistry - Residential Wells

PARAMETERS				Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)	Unionized Ammonia (Field)	ORP (Field)
Groundwater Sampling Location	Date	Sample ID	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	°C	mg/L	mS/cm	mg/L	
			RL (2020)	0.0001	0.001	0.5	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	0.1	1	10	0.0001	0.2	0.001	0.00005	0.005	0.005	-	-	-	-	0.001	
			ODWS	0.01 CS	1 CS		5 CS	0.005 CS		0.05 CS		1 AO	0.3 AO	0.01 CS		0.05 AO		50			200 AO[a]		0.02 CS		5 AO	6.5 - 8.5 OG	15 AO				
			PWQO	0.005		1.1 [h]	0.200	(note c)		(note d)	0.0009	0.0005[e]	0.3	0.005[f]				0.1		0.0001			0.005	0.006	0.02						
379 Eden Grove Road	21/Feb/03	21-W012		0.0002	0.208	-	0.220	<0.000015	77.4	<0.001	< 0.0001	0.0004	0.464	0.00005	35.5	0.124	1.6	-	-	< 0.0001	29.9	1.92	0.00065	< 0.0001	< 0.005	7.98	11.72	8.22	0.479	0.002385	-51
391 Eden Grove Road	21/Feb/04	21-W013		0.0001	0.220	-	0.212	<0.000015	79.0	<0.001	< 0.0001	0.0002	0.887	< 0.00002	35.4	0.132	1.6	-	-	< 0.0001	29.1	1.94	0.00061	< 0.0001	< 0.005	8.65	6.86	7.24	0.435	0.004253	-98
572 Eden Grove Road	20/Apr/07			not sampled due to COVID-19 restrictions																											
	20/Nov/17	20-W047		<0.0001	0.571	0.000017	0.123	0.000017	145.0	<0.001	0.0005	0.0117	<0.005	0.00012	71.5	0.347	4.8	0.0006	0.008	<0.0001	116	2.07	0.00255	0.0006	0.008	7.63	8.62	10.45	1.810	<0.001	123
	18-May-21	21-W026		0.0001	0.486	-	0.263	<0.000015	128.0	<0.001	0.0005	0.0016	0.067	0.00009	68.4	0.358	4.6	0.00208	0.0003	< 0.0001	94.5	2.35	0.00208	0.0003	< 0.005	7.54	13.73	4.53	1.540	<0.001	61
	22/May/11	22-W017		<0.0001	0.536	-	0.216	<0.000015	139.0	0.119	0.0006	0.0017	0.019	0.00017	69.9	0.412	5.4	-	-	<0.0001	94.1	2.28	0.00236	0.0004	0.009	7.66	11.55	6.65	1.020	<0.01	1.16
	22/Nov/01	22-W062		<0.0001	0.458	-	0.192	<0.000015	116.0	<0.001	0.0004	0.0056	<0.005	0.00022	63.4	0.294	5.4	-	-	<0.0001	88.1	2.03	0.00218	0.0005	0.182	7.69	12	5.07	1.650	<0.01	109

Data Input: SG
Data Check:

Notes: "-" denotes not analyzed
"RL" denotes reporting limit
"<" denotes results below reporting limit
"MW###" and "## - #" denote groundwater monitoring well
"DUP" denotes duplicate sample
"LF" denotes low flow sampling method used
groundwater samples analyzed for metals were field filtered using 0.45 micron filters
[a] the local medical health officer should be notified when the sodium concentration exceeds 20 mg/L
denotes concentration exceeds the Ontario Drinking Water Standards
AO indicates aesthetic objective OG indicates operational objective CS Chemical standards
Data from 2016 and prior provided by the Township and Leeds and Thousand Islands
Malroz was not able to independently validate historic chemistry and exceedances, provided by the Township of Leeds and the Thousand Islands

[1] Unionized Ammonia calculated using field parameters for pH and temperature
[a] Alkalinity should not be decreased by more than 25% of the natural concentration
[b] Aluminum criteria: >6.5 - 9.0 pH = 0.075 mg/L, >5.5 - 6.5 pH = <10% above natural background concentration
[c] Cadmium criteria: 0-100 mg/L Hardness = 0.0001 mg/L, >100 mg/L Hardness = 0.0005 mg/L
[d] Chromium reported as total, published standards are for Chromium VI (0.001 mg/L) and Chromium III (0.0089 mg/L)
[e] Copper criteria: 0-20 mg/L Hardness = 0.001 mg/L, >20 mg/L Hardness = 0.005 mg/L
[f] Lead criteria: <30 mg/L Hardness = 0.001 mg/L, 30 to 80 mg/L Hardness = 0.003 mg/L, >80 mg/L Hardness = 0.005 mg/L
[g] PWQO for minimum DO concentration set at conservative value based on highest temperature and warm water biota
[h] beryllium criteria: <75 mg/L hardness = 0.011 mg/L, >75 mg/L hardness = 1.1 mg/L

DRAFT Historical PFAS Analytical Results

Groundwater Sampling Location	Date	Sample ID	PARAMETERS	8:2 Fluorotelomer sulfonic acid(8:2 FTS)	6:2 Fluorotelomer sulfonic acid(6:2 FTS)	4:2 Fluorotelomer sulfonic acid(4:2 FTS)	10:2 Fluorotelomer sulfonic acid(10:2 F)	Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorotridecanoic acid (PFTrDA)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropentane sulfonic acid (PFPeS)	N-Et PFO sulfonamide (EtFOSA)	N-Et PFO sulfonamidoethanol (EtFOSE)	N-Et PFO sulfonamidoacetic acid(EtFOSAA)	N-Me PFO sulfonamide (MeFOSA)	N-Me PFO sulfonamidoacetic acid(MeFOSAA)	N-Me PFO sulfonamidoethanol (MeFOSE)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonamide (FOSA)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorononane sulfonic acid (PFNS)	ADONA	F53B minor	F53B major	PFOA & PFOS [1]	Sum of all reported PFAS compound concentrations
			Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	-	ug/L
			DL (2020)	0.0020	0.020	0.0050	0.0020	0.0010	0.0010	0.0020	0.0010	0.0020	0.0050	0.0010	0.0020	0.0050	0.0020	0.0050	0.0010	0.0050	0.0020	0.5000	0.0020	0.0020	0.0010	0.0010	0.0010	0.0010	0.0010	0.0050	0.0010	0.010	0.010	0.020	0.020	-	0.6390
			DL (February 2021)	0.0020	0.020	0.0050	0.0020	0.0010	0.0010	0.0020	0.0010	0.0010	0.0050	0.0010	0.0020	0.0050	0.0020	0.0050	0.0010	0.0010	0.0010	0.0500	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0050	0.0010	0.010	0.010	0.020	0.020		0.1810
			DL (August 2021-Present)	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0500	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	-	-	-	-		0.0770
			Health Canada PFAS Screening Values	0.2	0.2			15	0.6		0.6											30			0.2	0.2	0.02	0.2	0.2							1	
			MECP Drinking Water Screening Values for Perfluorinated Chemicals																																			0.07
379 Eden Grove Rd	21/Feb/03	21-W012		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
391 Eden Grove Rd	21/Feb/04	21-W013		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
11-1	20/Dec/09	20-W069		<	<	<	<	0.0020	0.0018	<	0.0010	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0026	0.0080	<	0.0053	0.0082	<	<	-	-	-	-	0.028	0.0289
	21/Feb/03	21-W006		-	-	-	-	0.0018	0.0014	-	0.0010	<	-	-	-	-	-	-	<	<	<	<	<	<	0.0030	0.0066	<	0.0052	0.0072	-	<	-	-	-	-	0.028	0.0262
	21/Feb/03	21-W007	DUP	-	-	-	-	0.0017	0.0014	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	0.0030	0.0066	<	0.0052	0.0074	-	<	-	-	-	-	0.027	0.0253
11-2	20/Dec/09	20-W066		<	<	<	<	0.111	0.332	<	0.0415	0.0164	<	<	<	<	<	<	0.0025	<	<	<	<	<	0.239	0.834	0.0060	0.373	1.10	<	<	-	-	-	-	1.934	3.0554
	21/Feb/03	21-W008		-	-	-	-	0.190	0.257	-	0.0251	0.0132	-	-	-	-	-	-	0.0013	<	<	0.183	<	<	0.260	0.849	0.0047	0.326	1.05	-	<	-	-	-	-	1.672	3.1593
	21/Oct/27	21-W055		<	<0.0140	<	<	0.103	0.204	<	0.0733	0.0356	<	<	<	<	<	<	0.0041	<	<	0.105	0.0011	<	0.0995	0.292	0.0068	0.207	0.366	<	<	-	-	-	-	1.157	1.4974
	22/Nov/01	22-W044		<	<0.0041	<	<	0.148	0.320	<	0.0784	0.019	<	<	<	<	<	<	0.0034	<	<	0.17	0.0012	<	0.2040	0.606	0.0081	0.344	0.750	<	<	<	<	-	-	1.851	2.6521
MW104	19/Nov/12	19-W031		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.025	<0.010	<0.010	<0.025	<0.030	<0.010	<0.025	<0.010	<0.030	<0.010	<0.010	<0.010	<0.31	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.025	<0.010	<	<	<	<	0.033	<
	21/Feb/03	21-W001		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
	21/Oct/28	21-W069		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0011	<	0.0012	0.0013	<	<	-	-	-	-	0.007	0.0036
	22/Oct/31	22-W042		<	<0.0028	<	<	<	0.0010	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0023	<	0.0012	0.0020	<	<	<	<	-	-	0.007	0.0065
MW105	19/Nov/12	19-W032		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.025	<0.010	<0.010	<0.025	<0.030	<0.010	<0.025	<0.010	<0.030	<0.010	<0.010	<0.010	<0.21	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.025	<0.010	<	<	<	<	0.033	<
	20/Dec/09	20-W067		<	<	<	<	<	0.0015	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0023	<	0.0028	0.0026	<	<	-	-	-	-	0.015	0.0092
	21/Feb/03	21-W002		-	-	-	-	0.0010	0.0017	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	0.0013	0.0028	<	0.0034	0.0032	-	<	-	-	-	-	0.018	0.0134
	22/May/11	22-W010		<	<	<	<	<	0.0012	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<0.0020	<	0.0017	0.0021	<	<	<	<	-	-	0.009	0.0050
	22/Oct/31	22-W041		<	<	<	<	<	0.0018	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0015	<	0.0024	0.0016	<	<	<	<	-	-	0.013	0.0073
MW106	20/Dec/09	20-W062		<	<	<	<	0.0018	0.0075	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0278	0.0443	<	0.0602	0.0237	<	<	-	-	-	-	0.302	0.1653
	21/Feb/03	21-W010		-	-	-	-	0.0024	0.0084	-	<	0.0011	-	-	-	-	-	-	<	<	<	<	<	<	0.0316	0.0432	<	0.064	0.0290	-	<	-	-	-	-	0.321	0.1797
	21/Oct/27	21-W049		<	<0.0060	<	<	0.0033	0.0183	<	0.0073	0.0037	<	<	<	<	<	<	<	<	<	<	<0.0010	<0.0010	0.0521	0.0835	<	0.117	0.0554	<	<	-	-	-	-	0.597	0.3406
	22/Oct/31	22-W037		<	<0.0052	<	<	0.0045	0.0141	<	<	0.0021	<	<	<	<	<	<	<	<	<	<	<	<	0.053	0.0878	<	0.136	0.0405	<	<	<	<	-	-	0.681	0.338
MW107	20/Dec/09	20-W065		<	0.034	<	<	0.0793	0.197	<	0.0205	0.0183	<	<	<	<	<	<	0.0013	<	<	<	<	<	0.258	0.651	0.0093	0.371	0.594	<	<	-	-	-	-	1.889	2.2337
	21/Feb/03	21-W011		-	-	-	-	0.0801	0.168	-	0.0193	0.0173	-	-	-	-	-	-	0.0012	<	<	0.113	<	<	0.193	0.491	0.0085	0.275	0.447	-	<	-	-	-	-	1.407	1.8134
MW201	21/Feb/03	21-W003		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
	21/Oct/27	21-W054		<	<0.0130	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	0.003	<
	22/May/11	22-W001		<	0.104	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.002	<0.0080	<	<	0.0012	<	<	<	<	-	-	0.003	0.1072
	22/Oct/31	22-W036		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0018	<	0.0012	0.0011	<	<	<	<	-	-	0.007	0.0041
MW202	21/Feb/03	21-W004		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
	21/Oct/27	21-W053		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	22/May/11	22-W002		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<
	22/May/11	22-W003	DUP	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<
	22/Oct/31	22-W034		<	<0.0012	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<
	22/Oct/31	22-W035	DUP	<	<0.0030	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<
MW203	20/Dec/09	20-W063		<	<	<	<	0.0019	0.0140	<	0.0040	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0329	0.0533	<	0.101	0.0323	<	<	-	-	-	-	0.512	0.2394
	20/Dec/09	20-W064	DUP	<	<	<	<	0.0018	0.0137	<	0.0041	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0325	0.0542	<	0.101	0.0327	<	<	-	-	-	-	0.512	0.2400
	21/Feb/03	21-W009		-	-	-	-	0.0026	0.0110	-	0.0026	0.0013	-	-	-	-	-	-	<	<	<	<	<	<	0.0335	0.0472	<	0.076	0.0303	-	<	-	-	-	-	0.384	0.2045
	21/Oct/27	21-W047		<	<0.0170	<	<	0.0029	0.0224	<0.0020	0.0029	0.0028	<	<	<	<	<	<	<	<	<	<	<	<	0.0432	0.0699	<	0.128	0.0440	<	<	-	-	-	-	0.645	0.3161
	21/Oct/27	21-W048	DUP	<	<0.0050	<	<	0.0032	0.0229	<	0.0033	0.0033	<	<	<	<	<	<	<	<	<	<	<	<	0.0422	0.0686	<	0.122	0.0451	<	<	-	-	-	-	0.611	0.3106
	22/Oct/31	22-W038		<	0.0321	<	<	0.0039	0.0238	<	0.0093	0.0015	<	<	<	<	<	<	<	<	<	<	<	<	0.0516	0.0852	<	0.172	0.0392	<	<	<	<	-	-	0.876	0.4186
MW301	21/Aug/31	21-W044		<	<0.300	<	<	<	<	<	<	<	<0.0030	<	<	<	<	<	<	<	<	<	<	<	<	0.0011	<	<	<	<	<	<	-	-	-	-	0.003	0.0011
	21/Aug/31	21-W045	DUP	<	<0.250	<	<	<	<	<	<	<	<0.0030	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	21/Oct/28	21-W074		<	<0.070	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	22/May/11	22-W012		<	0.0416	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0012	<0.0040	<	<	<	<	<	<	<	-	-	0.003	0.0428
FB	20/Dec/09	20-W068		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	21/Feb/03	21-W005		-	-	-	-	<	<	-	<	<	-	-	-	-	-	-	<	<	<	<	<	<	<	<	<	<	<	-	<	-	-	-	-	0.003	<
	21/Aug/31	21-W046		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	21/Oct/28	21-W071		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<0.0020	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	21/Oct/28	21-W071		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<0.0020	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	21/Oct/28	21-W071		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<0.0020	<	<	<	<	<	<	<	<	<	<	<	<	-	-	-	-	0.003	<
	22/May/11	22-W009		<	<0.0030	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<
	22/Nov/02	22-W063		<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	-	-	0.003	<

Data Input: SG
Data Check:

Notes: "-" denotes not analyzed
"DL" denotes reporting limit
"<" denotes results below reporting limit
"MW###" and "## - #" denote groundwater monitoring well
"DUP" denotes duplicate sample
"FB" denotes field blank
indicates value exceeds Health Canada's Drinking Water Screening Values for perflouroalkylated substances (PFAS)
indicates value exceeds Drinking Water Screening Values for Perfluorinated Chemicals in Private Drinking Water Sources, Ministry of Environment, Conservation and Parks, memorandum dated July 25, 2017
This table is intended to summarize analytical results provided by the Ministry of Environment, Conservation and Parks. For complete results please see the laboratory certificates.
[1] calculated by Malroz and based on additivity principals outlined in Section 10.4 of Health Canada, 2018, Guidelines for Canadian Drinking Water Quality. The value is the sum of PFOA and PFOS concentration, each divided by their respective Health Canada screening values. Calculation includes detection limit values where results were below the detection limit as a conservative measure.

Historical Surfacewater Chemistry

Surface Water Sampling Location	Date Sampled	Sample ID		Parameters																																													
				Alkalinity, total	Ammonia as N	Ammonia, unionized	Ammonia, Unionized (Field)[j]	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Phosphorus, total dissolved	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Aluminum, dissolved	Mercury	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Units	°C	mg/L	mS/cm
RL (2022)				5	0.01	0.01	0.01	3	5	0.2	1	1	-	0.001	0.01	0.002	3	3	0.1	0.5	0.05	0.05	1	0.01	0.00002	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	0.01	0.1	0.0001	0.2	0.001	-	0.0001	0.005	-	-	-	-
PWQO				(note a)		0.020	0.020						6.5-8.5	0.001	0.02									0.075[b]	0.0002	0.005		0.200	(note c)		(note d)	0.0009	(note e)	0.3	(note f)			0.025		0.0001				0.006	0.02	6.5 - 8.5		(note g)	
Table A: Aquatic Protection Value (mg/L)						0.100	0.100						6.0-9.0	0.04[h]						180			100			0.15	2.3	3.550	0.00021		0.064		0.0069	1	0.002									0.089	6.0 - 9.0			
Table B: Canadian Water Quality Guideline (mg/L)														0.004[h]						128	2.9	0.06			0.000026			1.5	0.000017															0.030				
SW1	98-Oct-01			9	nd	-	-	9.6	-	7.3	288	-	-	-	-	-	-	-	2.7	19.4	0.21	nd	4.7	-	-	-	-	-	-	17.7	-	-	-	0.49	-	10.5	0.02	-	-	-	7.26	-	-	-	-	-	-	-	-
	99-Jun-01			98	0.52	-	-	54	-	-	224	-	-	-	-	-	-	-	8.5	10.8	1.21	<0.05	6.1	-	-	-	-	-	-	29.3	-	-	-	6.85	-	11.9	0.71	-	-	-	20	-	-	-	-	-	-	-	-
	99-Oct-01			95	0.09	<0.01	-	16	-	-	336	-	-	-	-	-	-	18.0	11	11	0.2	<0.1	58	-	-	-	-	-	-	34	-	-	-	0.6	-	18	0.45	-	-	-	6.8	-	-	-	-	-	-	-	-
	00-Jul-01			100	nd	nd	-	nd	50	-	-	-	-	-	-	-	-	12.0	1.2	9.5	0.3	nd	-	0.08	nd	nd	0.075	nd	nd	23	nd	0.001	0.013	2	0.003	12	0.22	nd	3.5	0.0001	9.6	-	-	-	0.1	-	-	-	-
	00-Oct-01			100	nd	nd	-	6	67	-	240	-	-	-	-	-	-	-	1.4	12	0.2	nd	-	0.046	nd	nd	0.04	nd	nd	16	nd	0.001	0.001	5.5	nd	9.6	0.21	nd	7.3	nd	6.8	-	-	-	0.03	-	-	-	-
	01-Sep-01			-	-	-	-	-	-	-	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01-Dec-01			96	0.03	nd	-	2.2	63	-	287	-	-	-	0.091	-	-	8.0	1.3	17.4	nd	nd	-	0.743	nd	nd	0.044	0.039	0.0002	27.3	0.016	0.0005	0.0057	1.04	0.0009	13	0.076	nd	5.2	nd	10.8	-	-	-	0.03	-	-	-	-
	02-Nov-01			40	2.62	nd	-	8.8	8.8	-	-	-	-	-	1.13	-	-	298.0	6	6.7	nd	nd	98.2	1.38	nd	0.002	0.089	0.067	0.0003	29	nd	0.0023	0.0102	3.43	0.0055	13.3	0.409	0.002	5.9	nd	7.2	-	-	-	0.1081	-	-	-	-
	04-May-01			102	0.22	nd	-	13.1	-	25.3	234	-	-	-	0.52	-	198	335.0	1.45	12.3	nd	-	3	3.75	-	0.002	0.162	0.035	0.004	33.6	0.006	0.0046	0.0098	12.2	0.0128	13.3	0.269	0.008	3	nd	10.6	-	-	-	0.132	-	-	-	-
	04-Nov-01			59	nd	nd	-	2.3	-	21.1	126	-	-	-	0.152	-	138	411.0	0.77	4.2	0.6	nd	1.2	2.55	-	nd	0.068	0.012	nd	14.5	nd	0.0025	0.0048	4.57	0.0029	7.58	0.25	0.003	4.4	nd	3.2	-	-	-	0.015	-	-	-	-
	05-May-01			65	0.18	nd	-	6	-	38.3	151	-	-	-	0.208	-	202	18.0	3.2	14	nd	-	16.5	0.88	-	0.002	0.046	0.02	nd	18	nd	nd	0.007	1.14	nd	8.8	0.1	0.04	3.6	nd	10	-	-	-	0.009	-	-	-	-
	05-Oct-01			39	nd	nd	-	8	-	38.1	86	-	-	-	0.156	-	172	78.0	1.1	nd	nd	nd	2	1.1	-	nd	0.03	0.019	nd	7.91	nd	0.0013	0.002	2.4	0.0008	4.58	0.17	0.002	5	nd	2.2	-	-	-	0.017	-	-	-	-
	06-Apr-01			101	0.08	nd	-	nd	-	18.3	192	-	-	-	1.3	-	141	800.0	1.9	5	nd	-	nd	43	-	0.004	0.66	0.024	0.0004	49	0.082	0.029	0.052	64	-	31	1.2	0.056	13	nd	5.3	-	-	-	0.21	-	-	-	-
	06-Oct-01			51	0.15	<0.02	-	6	81	25.9	116	-	-	-	0.17	-	78	11.0	1.6	4	<0.1	0.01	<10	0.16	-	<0.001	0.027	0.036	<0.0001	15	<0.005	0.0011	<0.001	2.1	<0.0005	7.1	0.21	0.001	6.7	<0.0001	3.2	-	-	-	0.011	-	-	-	-
	06-Oct-01		DUP	58	0.17	<0.02	-	5	83	25.6	132	-	-	-	0.19	-	87	6.0	2	5	<0.1	<0.01	<10	0.17	-	<0.001	0.024	0.023	<0.0001	13	<0.005	0.0009	<0.001	1.9	<0.0005	6.4	0.16	0.001	6.1	<0.0001	2.8	-	-	-	0.01	-	-	-	-
	07-May-01			84	0.11	<0.05	-	2	151	34.4	247	-	-	-	0.19	-	163	37.0	1.9	9.3	<0.1	<0.1	6	0.19	-	<0.0009	0.049	0.058	<0.0001	10.9	<0.001	<0.0001	0.011	1.34	0.0016	6.55	0.078	<0.01	2.9	<0.0001	19.9	-	-	-	0.03	-	-	-	-
	07-May-01		DUP	84	0.38	<0.05	-	4	97	35.6	226	-	-	-	0.11	-	149	11.0	2	9.1	<0.1	<0.1	6	0.25	-	0.0011	0.051	0.06	<0.0001	10.3	<0.001	<0.0001	0.012	1.48	0.0013	6.23	0.078	<0.01	2.4	<0.0001	20	-	-	-	0.031	-	-	-	-
	07-Oct-01			44	0.47	<0.05	-	9	98	35.9	246	-	-	-	0.52	-	162	250.0	5	4	<0.1	<0.1	62	0.53	-	0.0007	0.055	0.021	<0.005	20.5	<0.002	<0.005	0.004	2.29	<0.0001	10.7	0.143	<0.01	2.5	<0.005	14	-	-	-	0.014	-	-	-	-
	07-Oct-01		DUP	36	0.43	<0.05	-	13	122	32.5	245	-	-	-	0.37	-	162	345.0	4	4	<0.1	<0.1	62	0.59	-	0.0008	0.058	0.019	<0.005	16.8	<0.002	<0.005	0.004	1.85	<0.0001	9.99	0.162	<0.01	2.6	<0.005	11.4	-	-	-	0.01	-	-	-	-
	08-Nov-01			42	<0.05	<0.05	-	<2	74	24.3	92	-	7.53	-	0.12	-	54	12.0	1.3	2	<0.1	<0.1	<1	0.35	-	<0.0005	0.026	0.027	<0.0001	5.11	0.004	-	0.023	1.08	<0.0001	3.02	0.089	-	4.2	-	1.6	-	-	-	0.059	-	-	-	-
	09-Apr-01			93	0.1	<0.05	-	<2	51	15.6	189	-	-	-	0.16	-	104	20.0	1.2	4	<0.1	<0.1	6	2.87	-	<0.0005	0.058	0.022	<0.0001	17.6	-	<0.0005	<0.0005	2.79	<0.0001	9.54	0.081	<0.01	3.2	<0.0001	5.7	-	-	-	-	-	-	-	-
	09-Nov-18			80	<0.05	<0.05	-	5	91	25.7	177	-	7.30	-	0.35	-	97	210.0	2	3	<0.1	<0.1	<1	1.09	-	<0.0005	0.042	0.013	0.0002	17	<0.002	0.002	0.0035	2.39	0.0026	8.09	0.156	<0.01	5.6	<0.0001	2.9	-	-	-	0.008	-	-	-	-
	10-Jul-14			45	0.1	<0.05	-	23	91	18.3	105	-	5.90	-	0.68	-	58	82.0	4	4	<0.1	<0.1	<1	0.29	-	0.0011	0.033	0.025	<0.0001	10.5	<0.002	0.0017	-	2.19	0.008	3.73	0.427	<0.01	2.5	<0.0001	1.1	-	-	-	-	-	-	-	-
	10-Nov-01			148	<0.01	<0.01	-	6	72	18.5	309	-	6.68	-	0.6	-	170	30.0	1.6	5	0.5	<0.1	<1	0.12	-	0.0009	0.061	0.021	<0.0001	43.9	<0.002	0.0021	0.0031	5.26	0.0003	11.9	0.878	<0.01	10.5	<0.0001	1.9	-	-	-	<0.005	-	-	-	-
	11-May-01			106	0.08	<0.01	-	8	70	15.3	210	-	6.94	-	0.59	-	116	62.0	2	<1	<0.1	<0.1	<1	0.06	-	0.0003	0.05	0.02	0.00002	33.7	<0.002	0.0002	0.0006	6.45	0.00013	9.73	1.21	<0.01	2.9	<0.00002	2.4	-	-	-	0.013	-	-	-	-
	11-Nov-11			69	<0.05	<0.05	-	6	71	19.6	153	-	7.35	-	0.19	-	84	374.0	1.8	4	<0.1	<0.1	<1	0.04	-	0.0001	0.023	0.025	<0.00002	13.7	<0.002	0.0003	0.0008	0.848	0.00059	7.32	0.033	<0.01	3.5	<0.0007	3.7	-	-	-	0.007	-	-	-	-
	12-May-17			75	<0.01	<0.01	-	7	54	14.1	158	-	-	-	0.12	-	87	16.0	1.2	1.5	0.2	<0.1	<1	0.24	<0.00002	0.0003	0.034	0.016	<0.00002	17.4	<0.002	-	0.0007	1.89	0.00025	7.51	-	-	1.8	-	-	-	-	-	0.007	-	-	-	-
	12-Oct-17			113	0.065	< 0.005	-	23	96	-	235	-	-	< 0.001	0.14	-	129	308.0	1.6	3.1	< 0.1	< 0.1	< 1	0.19	< 0.00002	0.0005	0.043	0.017	-	32.4	0.0007	< 0.005	0.0054	2.23	0.00126	12.8	0.215	< 0.01	6.9	< 0.005	4.9	-	-	-	0.009	-	-	-	-
	12-Oct-17		DUP	107	0.067	< 0.005	-	19	118	-	225	-	-	< 0.001	0.29	-	124	1760.0	1.8	2.9	< 0.1	< 0.1	1	0.53	< 0.00002	0.0004	0.06	0.031	-	34.9	0.0003	< 0.005	0.0012	4.26	< 0.00002	13.4	0.603	< 0.01	7.3	< 0.005	4.7	-	-	-	0.016	-	-	-	-
	13-Oct-24			64	<0.020	<0.000016	-	<2.0	82	35.6	130	-	6.97	0.0022	0.125	-	161	12.8	1.12	<2.0	<0.10	<0.10	2.3	6.02	<0.00010	<0.0010	0.084	0.018	<0.000090	14.5	0.00695	0.00148	0.0046	5.29	0.00166	7.88	0.115	0.0045	5.2	<0.00010	2.56	-	-	-	0.018	-	-	-	-
	14-Jun-17			76	<0.050	<0.000016	-	2	89	28.7	145	-	7.35	0.0012	0.285	-	131	33.0	1.66	<2.0	<0.10	<0.10	<2.0	0.519	<0.00010	<0.0010	0.0319	0.021	<0.000090	17.7	0.00117	0.00068	0.0013	2.34	<0.00050	7.92	0.114	0.0015	1.9	<0.00010	4.01	-	-	-	0.0119	-	-	-	-
	14-Oct-22			47	0.091	0.00026	-	3.4	111	25.6	92	-	6.90	0.0011	0.183	-	96	16.0	1.03	<2.0	<0.10	<0.10	<2.0	0.466	<0.00010	<0.0010	0.025	<0.010	<0.000090	8.94	0.00119	0.00094	<0.0010	2.56	<0.00050	5.41	0.152	0.0011	4.6	<0.00010	2.41	-	-	-	0.0149	-	-	-	-
	14-Oct-22		DUP	49	<0.050	<0.00015	-	3.6	98	28.3	93	-	6.95	0.0019	0.191	-	93	10.7	2.38	<2.0	<0.10	<0.10	<2.0	0.336	<0.00010	<0.0010	0.0227	<0.010	<0.000090	8.21	0.001	0.00079	<0.0010	2.24	<0.00050	4.96	0.133	0.0018	4.3	<0.00010	2.23	-	-	-	0.0132	-	-	-	-
	15-May-27			55	0.17	0.0006	-	9	80	24	116	-	6.8	0.005	0.32	0.07	84	66	1.8	< 1.0	<0.1	<0.05	<1.0	0.045	nd	nd	0.032	0.011	0.0001	11.5	0.002	0.0009	0.0019	1.02	0.0015	5.6	0.137	nd	2.05	nd	2.24	0.080	-	0.0051	0.01	-	-	-	-
	15-Nov-16			68	0.04	0.0002	-	27	112	29.2	172	-	7	< 0.001	0.26	0.06	126	46	2.7	3	<0.1	<0.05	4	0.126	0.0002	nd	0.035	0.03	nd	14.6	nd	0.0008	0.0015	2.13	0.0006	7.33	0.139	0.002	4.52	nd	3.72	0.092	-	0.0016	0.011	-	-	-	-
	15-Nov-16		DUP	61	0.06	0.0003	-	34	104	49.4	146	-	7	< 0.001	0.27	0.06	121	41	2.6	3	<0.1	<0.05	3	0.128	nd	nd	0.036	0.022	nd	15.5	nd	0.0009	0.0015	2.29	0.0005	7.71	0.151	0.002	4.69	nd	3.93	0.095	-	0.0017	0.014	-	-	-	-
	16-Nov-28			60	0.07	0.0002	-	<20	139	29.6	257	-	6.7	0.007	0.54	0.09	232	54	4.3	2	<0.1	<0.05	61	0.191	<0.0001	<0.001	0.053	0.019	0.0001	20.2	0.001	0.0006	0.0047	0.811	0.0006	10.6	0.085	<0.001	4.58	<0.0001	4.25	0.122	-	0.0008	0.025	-	-	-	-
	17-Aug-01	17-W006		67	0.04	0.0004	<0.010	3	82	25.7	134	72	7.2	0.005	0.09	-	160	6	1.8	1	<0.1	<0.05	3	0.179	<0.0001	0.001	0.03	0.036	<0.0001	16	0.001	<0.0005	0.0037	1.39	0.0004	7.66	0.038	0.002	1.24	<0.0001	4.1	0.112	0.0001	0.0025	0.009	6.71	21.10	8.82	0.254
	17-Nov-01	17-W031		66	<0.01	<0.0001	<0.010	7	77	18.1	141	65	7.1	<0.001	0.23	-	116	25	1.7	3	<0.1	<0.05	4	0.194	<0.0001	<0.001	0.039	0.051	<0.0001	14.8	<0.001	0.0006	0.0013	0.927	0.0005	6.93	0.103	0.001	3.88	<0.0001	8.86	0.086	<0.0001	0.0012	0.021	6.80	2.75	9.32	0.117
	18-May-01	18-W012		25	0.03	<0.01	<0.010	3	72	19.2	54	47	7.08	<0.001	0.1	0.01	27	10	1.2	1.3	0.06	<0.05	<1	0.07	<0.00002	0.0004	0.028	0.009	<0.0001	10.7	<0.001	0.0005	0.0009	0.697	0.00021	4.93	0.039	<0.01	1	<0.0001	4.3	0.085	-	< 0.005	0.025	7.32	14.05	0.00	0.084
	18-Nov-01	18-W035		16	0.07	<0.01	<0.010	<3	149	56.8	123	53	6.37	0.003	0.09	0.02	62	<3	2.2	2.9	0.34	<0.05	23	0.43	<0.00002	0.0007	0.028	0.005	0.000123	9.92	0.002	0.001	0.0011	1.17	0.00195	6.74	0.07	0.0029	1.5	<0.0001	5.1	0.069	-	< 0.005	0.099	8.85	2.68	0.790	0.138
	19-May-07	19-W010		27	0.06	<0.01	<0.010	<3	71	33.5	64	32	6.77	<0.001	0.07	0.017	32	12	1.4	0.9	<0.05	<0.05	<1	0.24	<0.00002	0.0007	0.039	0.037	0.000053	13.8	0.003	0.0004	0.0034	0.769	0.00065	5.44	0.029	<0.01	2.0	<0.0001	4.1	0.091	-	< 0.005	0.009	6.83	14.91	1.59	0.071
	19-Nov-26	19-W051		57	0.23	<0.01	<0.010	<3	86	23.8	125	80	6.85	0.007	0.37	0.218	63	52	2.0	0.8	0.13	<0.05	<1	0.13	<0.00002	0.0006	0.058	0.012	0.000125	14.5	0.004	0.0020	0.0051	5.32	0.00269	7.80	0.212	0.04	2.7	0.0004	2.5	0.091	-	0.006	0.171	8.37	5.88	6.32	0.165
	20/Apr/07	20-W009		53	0.07	<0.01	<0.010	3	51	17.4	114	71	7.09	<0.001	0.09	0.051	58	7	0.9	1.3	0.07	<0.05	<1	1.08	<0.00002	0.0005	0.036	0.048	0.000036	16.7	0.001	0.0009	0.0033	1.94	0.00062	7.00	0.131	<0.01	1.6	<0.0001	3.5	0.098	-	< 0.005	0.098	6.86	8.19	6.02	0.156
	20/Nov/17	20-W038		58	0.45	<0.01	<0.010	5	180	53.9	170	86	7.09	<0.001	0.29	0.101	87	68	4.0	3.0	<0.05	<0.05	17	0.36	<0.00002	0.0009	0.065	< 0.005	0.000123	18.4	0.003	0.0019	0.0050	4.10	0.00176	9.54	0.256	<0.01	3.5	<0.0001	4.5	0.119	-	0.0037	0.059	7.25	6.15	8.20	0.205
	21/May/19	21-W043		64	0.13	<0.01	<0.010	3	133	8.2	129	64	7.11	0.002	0.27	0.079	66	45	2.5	1.0	0.14	0.08	2	0.55	<0.00002	0.0009	0.054	0.016	0.000089	17.2	0.003	0.0018	0.0046	6.00	0.00195	7.40	0.232	<0.01	2	<0.0001	4	0.104	-	0.005	0.055	7.26	17.97	5.44	0.170
	21/Oct/28	21-W063		29	0.59	0.01	0.012	5	170	44.5	102	48	7.14	<0.001	0.35	0.137	52	26	3.4	1.9	0.81	<0.05	11	0.40	<0.00002	0.0007	0.069	0.016	0.000112	10.8	0.005	0.0017	0.0083	4.53	0.00303	6.07	0.079	<0.01	3.6	<0.0001	2.8	0.064	-	0.0078	0.111	8.09	8.71	5.95	0.106
	22-May-12	22-W028		66	0.13	<0.01	<0.010	5	214	42.4	135	67	6.65	<0.001	0.52	0.074	68	300	3.4	<0.5	0.13	<0.05	<1	0.21	<0.00002	0.0016	0.094	0.023	0.000303	14.7	0.007	0.0031	0.0102	6.17	0.00684	7.31	0.141	<0.01	2.2	<0.0001	3.9	0.114	-	0.0125	0.166	7.48	17.04	1.02	0.109
	22-Nov-02	22-W057		38	0.25	0.07	0.066	4	220	79.7	95	56	6.85	<0.001	0.85	0.055	48	32	4.8	2.5	0.15	<0.05	2	0.44	<0.00002	0.0011	0.051	0.013	0.000135	11.7	0.004	0.0023	0.0064	4.00	0.00332	6.58	0.16	<0.01	3.7	<0.0001	3.4	0.081	-	0.0069	0.069	9.11	15.26	14.21	0.092
SW2	91-Mar-01			312	0.3	-	-	-	-	-	1130	-	-	-	-	-	-	-	1.99	179	0.4	nd	-	-	-	-	-	-	-	84	-	-	-	0.37	-	64	nd	-	-	-	94	-	-	-	-	-	-	-	-
	92-Jun-01			280	0.2	0.0008	-	-	-	-	817	-	-	-	-	-	-	-	0.42	85	0.2	nd	6	-	-	-	-	-	-	58	-	-	-	0.87	-	38	0.1	-	-	-	52	-	-	-	-	-	-	-	-
	93-Aug-01			366	2.8	2.8	-	-	-	-	1282	-	-	-	-	-	-	-	8.7	193	nd	nd	-	-	-	-	-	-	-	59	-	-	-	2.61	-	43	0.49	-	-	-	144	-	-	-	-	-	-	-	-
	93-Sep-01			478	0.08	-	-	-	-	-	1404	-	-	-	-	-	-	-	2.18	177	nd	nd	-	-	-	-	-	-	-	90	-	-	-	0.36	-	62	0.19	-	-	-	105	-	-	-	-	-	-	-	-
	93-Oct-01			200	0.33	-	-	-	-	-	926	-	-	-	-	-	-	-	1.23	92	nd	nd	-	-	-	-	-	-	-	88	-	-	-	0.82	-	44	0.66	-	-	-	50	-	-	-	-	-	-	-	-
	93-Nov-01			204	0.07	-	-	-	-	-	614	-	-	-	-	-	-	-	0.97	47	nd	nd	-	-	-	-	-	-	-	72	-	-	-	0.54	-	21	-	-	-	-	20	-	-	-	-	-	-	-	-
	94-May-01			447	0.06	-	-	-	-	-	1046	-	-	-	-	-	-	-	1.5	90	nd	nd	-	-	-	-	-	-	-	96	-	-	-	0.1	-	63	0.05	-	-	-	50	-	-	-	-	-	-	-	-
	94-Nov-01			173	0.11	nd	-	-	-	-	1165	-	-	-	-	-	-	-	2.03	148	2.12	nd	-	-	-	-	-	-	-	76	-	-	-	3.76	-	42	0.32	-	-	-	89	-	-	-	-	-	-	-	-
	95-Dec-01			425	0.07	nd	-	-	-	-	1148	-	-	-	-	-	-	-	3.84	118	nd	nd	-	-	-	-	-	-	-	86	-	-	-	1.08	-	58	0.51	-	-	-	67	-	-	-	-	-	-	-	-
	96-Jun-01			762	0.1	nd	-	-	-	-	1511	-	-	-	-	-	-	-	3.2	133	nd	nd	-	-	-	-	-	-	-	157	-	-	-	3.73	-	75	0.4	-	-	-	93	-	-	-	-	-	-	-	-
	96-Nov-01			976	5.26	-	-	-	-	-	2002	-	-	-	-	-	-	-	6.64	151	1.97	nd	-	-	-	-	-	-	-	185	-	-	-	0.16	-	110	0.2	-	-	-	102	-	-	-	-	-	-	-	-
	04-Nov-01			70	0.1	nd	-	4.5	-	26	124	-	-	-	0.662	-	122	570.0	1.07	2.9	0.5	nd	0.9	9	-	nd	-	0.013	0.0001	17.5	0.014	0.0075	0.131	14	0.0082	10	0.652	0.011	5.8	nd	2.8	-	-	-	0.05	-	-	-	-
	05-Oct-01			63	nd	nd	-	3	-	15.3	150	-	-	-	0.411	-	330	18.0	2.5	3	nd	nd	6	11	-	nd	0.16	0.013	0.0001	12	0.016	0.0033	0.012	11	0.0037	6.75	0.15	0.01	4	nd	4.3	-	-	-	0.039	-	-	-	-
	06-Apr-01			112	0.06	nd	-	5	110	18.6	257	-	-	-	0.39	-	208	370.0	2	9	0.6		10	9	-	0.001	0.2	0.011	0.0006	31	0.012	0.0048	0.012	8.2	-	17	0.96	0.009	6.7	nd	7.5	-	-	-	0.062	-	-	-	-
	06-Oct-01			39	0.12	<0.02	-	19	130	34.1	89	-	-	-	0.46	-	65	8.0	1.6	3	<0.1	0.01	<10	0.4	-	<0.001	0.024	0.02	<0.0001	8.2	<0.005	0.001	0.001	2	0.0005	5	0.21	0.002	7.8	<0.0001	1.8	-	-	-	0.021	-	-	-	-
	07-May-01			28	0.11	<0.05	-	17	282	23.5	94	-	-	-	0.48	-	62	196.0	4	1	<0.1	<0.1	<1	0.37	-	<0.0005	0.027	0.02	<0.0001	5.18	<0.001	<0.0001	0.01	0.699	0.0013	3.09	0.105	<0.01	1.4	<0.0001	8.8	-	-	-	0.034	-	-	-	-
	07-Oct-01			12	0.11	<0.05	-	9	195	41	176	-	-	-	0.45	-	116	137.0	4	2	<0.1	<0.1	52	0.55	-	0.0011	0.038	0.023	<0.005	10.1	<0.002	<0.005	0.005	0.674	<0.0001	6.56	0.136	<0.01	2.9	<0.005	9.1	-	-	-	0.045	-	-	-	-
	08-May-01			64	0.02	<0.01	-	7	131	27	132	-	7.77	-	0.49	-	87	111.0	1.8	2	<0.1	<0.1	<1	1.02	-	<0.0005	0.049	0.016	<0.0001	7.25	<0.002	-	0.002	0.647	<0.0001	8.13	0.278	-	2.1	-	3.6	-	-	-	0.017	-	-	-

Surface Water Sampling Location	Date Sampled	Sample ID		Parameters																																																	
				Alkalinity, total	Ammonia as N	Ammonia, unionized	Ammonia, Unionized (Field)[i]	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Phosphorus, total dissolved	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Aluminum, dissolved	Mercury	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Units	°C	mg/L	mS/cm
RL (2022)				5	0.01	0.01	0.01	3	5	0.2	1	1	-	0.001	0.01	0.002	3	3	0.1	0.5	0.05	0.05	1	0.01	0.00002	0.0001	0.001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	0.01	0.1	0.0001	0.2	0.001	-	0.0001	0.005	-	-	-	-
PWQO				(note a)		0.020	0.020						6.5-8.5	0.001	0.02									0.075[b]	0.0002	0.005			0.200	(note c)		(note d)	0.0009	(note e)	0.3	(note f)			0.025		0.0001				0.006	0.02	6.5 - 8.5		(note g)	
Table A: Aquatic Protection Value (mg/L)						0.100	0.100						6.0-9.0	0.04[h]						180			100			0.15	2.3	3.550	0.00021		0.064		0.0069	1	0.002										0.089	6.0 - 9.0			
Table B: Canadian Water Quality Guideline (mg/L)														0.004[h]						128	2.9	0.06			0.000026			1.5	0.000017															0.030				
SW4	01-Dec-01			68	0.64	nd	-	3.6	123		315	-	-	-	0.903	-	-	17.0	3.9	32.9	0.8	nd	-	7.84	nd	nd	0.136	0.018	nd	23.6	0.01	0.0022	0.0095	7.03	0.0027	13.6	0.067	0.007	16.1	nd	14.4	-	-	-	0.08	-	-	-	-
	02-Nov-01			131	0.13	nd	-	3.1	3.1	243	15	-	-	-	0.529	-	-	16.2	1.94	243	nd	nd	83.8	9.43	nd	nd	0.116	0.028	0.0001	93.8	nd	0.0007	0.0049	3.62	0.0007	30.5	0.151	0.002	16.4	nd	78.6	-	-	-	0.181	-	-	-	-
	03-Oct-01			160	0.05	nd	-	2	55	13	937	-	-	-	1.26	-	642	22.0	0.95	185	nd	nd	29.2	1.97	-	nd	0.116	0.031	nd	79	nd	0.0012	0.0066	1.82	0.0019	21.1	0.094	0.003	7.7	nd	78.9	-	-	-	0.03	-	-	-	-
	04-May-01			58	0.38	nd	-	15.4	-	44.7	151	-	-	-	0.96	-	208	26.0	2.64	7.1	nd	-	7.1	2.41	-	nd	0.062	0.015	nd	15.4	nd	0.0013	0.0049	3.63	0.0013	7.22	0.058	0.004	8.3	nd	6	-	-	-	0.032	-	-	-	-
	04-Nov-01			411	0.1	nd	-	16	-	36.7	233	-	-	-	0.658	-	228	27.0	1.94	24.4	nd	-	9.1	2.81	-	nd	0.065	0.017	nd	16.8	nd	0.0009	0.0067	2.42	0.0012	8.76	0.028	0.004	12.5	0.0002	10.6	-	-	-	0.02	-	-	-	-
	05-May-01			254	3.3	0.17	-	7	-	31.9	1640	-	-	-	0.891	-	480	180.0	7	477	1	-	nd	0.85	-	nd	0.18	nd	nd	107	nd	nd	nd	0.45	0.0008	50	50	nd	16.5	nd	143	-	-	-	0.75	-	-	-	-
	05-Oct-01			83	0.37	nd	-	9	-	32.2	251	-	-	-	0.876	-	294	2.0	3.4	20	nd	nd	14	1.9	-	nd	0.055	0.017	0.0001	16.5	nd	0.0008	0.008	1.8	0.001	8.3	0.026	0.004	16	nd	12	-	-	-	0.023	-	-	-	-
	06-Apr-01			72	nd	-	-	nd	97	28.5	189	-	-	-	0.76	-	159	3.0	2.9	18	nd	-	nd	0.58	-	nd	0.035	0.017	nd	19	nd	0.0012	0.003	1.3	-	9.3	0.11	0.003	8.2	-	11	-	-	-	0.058	-	-	-	-
	06-Oct-01			151	0.15	<0.02	-	3	120	7.8	493	-	-	-	1.1	-	342	330.0	4	65	<0.1	0.01	8	10	-	0.002	0.23	0.025	0.0003	59	0.024	0.01	0.031	18	0.029	19	0.4	0.019	7	0.0001	84	-	-	-	0.13	-	-	-	-
	07-May-01			76	0.53	<0.05	-	6	190	40.6	188	-	-	-	1.03	-	124	206.0	16	9.4	0.1	<0.1	2	2.95	-	0.0015	0.124	0.038	<0.0001	9.98	0.007	<0.0001	0.021	5.31	0.0048	4.5	0.447	0.01	6.4	<0.0001	16.6	-	-	-	0.066	-	-	-	-
	07-Oct-01			104	0.06	<0.05	-	<2	32	10.2	1160	-	-	-	0.38	-	768	148.0	1.2	215	0.1	<0.1	160	0.09	-	0.0011	0.08	0.163	<0.005	99.1	<0.002	<0.005	0.005	0.052	<0.0001	31.7	0.006	<0.01	7.4	<0.005	63.2	-	-	-	0.021	-	-	-	-
	08-May-01			38	0.09	<0.01	-	4	132	50	95	-	7.33	-	0.91	-	63	23.0	4	2	<0.1	<0.1	1	1.65	-	0.0013	0.053	0.021	<0.0001	5.46	0.004	-	0.006	2.49	0.0015	2.91	0.085	-	4.3	-	3.4	-	-	-	0.018	-	-	-	-
	08-Nov-01			29	0.05	<0.05	-	<2	104	1.2	92	-	7.96	-	0.22	-	50	10.0	1.3	4	<0.1	<0.1	4	2.28	-	<0.0005	0.058	0.023	<0.0001	5.11	0.011	0.0009	0.031	3.85	0.001	3.4	0.018	0.02	6.7	<0.0001	2.5	-	-	-	0.155	-	-	-	-
	08-Nov-01		DUP	29	0.05	<0.05	-	<2	106	30.4	93	-	7.96	-	0.3	-	51	6.0	3	4	<0.1	<0.1	4	2.4	-	<0.0005	0.058	0.022	<0.0001	5.25	0.006	0.0012	0.031	2.66	0.001	3.56	0.026	<0.01	6.6	<0.0001	2	-	-	-	0.059	-	-	-	-
	09-Apr-01			78	0.14	<0.05	-	<2	95	26.9	234	-	-	-	0.37	-	129	14.0	2.6	19	0.1	<0.1	8	1.14	-	<0.0005	0.052	0.01	<0.0001	17.1	<0.0005	-	0.0012	1.65	<0.0001	9.24	0.036	<0.01	9.8	<0.0001	9.2	-	-	-	-	-	-	-	-
	09-Nov-17			42	<0.05	<0.05	-	<2	132	45.1	106	-	7.27	-	0.19	-	58	24.0	1.9	3	0.1	<0.1	5	1.89	-	0.0011	0.049	0.006	0.0003	11.4	<0.002	0.0008	0.0068	1.81	0.0005	5.28	0.018	<0.01	5.7	<0.0001	3.3	-	-	-	0.016	-	-	-	-
	10-Jul-14			73	0.44	<0.05	-	6	130	45.9	169	-	7.09	-	0.67	-	93	60.0	4	6	0.1	<0.1	<1	1.65	-	0.0014	0.054	0.027	0.0001	18.6	0.002	0.0026	-	4.26	0.0015	6.66	0.218	<0.01	4.4	<0.0001	3.3	-	-	-	-	-	-	-	-
	10-Nov-01			35	<0.01	<0.01	-	5	151	32.7	108	-	6.27	-	0.5	-	60	60.0	1.8	5	<0.1	<0.1	4	2.36	-	0.0006	0.063	0.016	<0.0001	6.34	0.005	0.0011	0.0199	2.76	0.0014	3.54	0.045	<0.01	4.2	<0.0001	3	-	-	-	0.02	-	-	-	-
	11-Jun-01			33	0.02	<0.01	-	4	102	28	82	-	6.48	-	0.59	-	45	22.0	1.3	2	<0.1	<0.1	<1	1.04	-	0.0008	0.04	0.006	0.00003	9.74	0.003	0.0023	0.0024	3.37	0.00091	4.63	0.228	<0.01	3.5	<0.00002	1.8	-	-	-	0.018	-	-	-	-
	11-Dec-01			37	0.19	<0.01	-	4	85	25.2	115	-	7.64	-	0.32	-	63	4.0	0.4	4	0.5	<0.1	6	0.47	-	0.0004	0.022	0.008	0.00003	8.42	0.009	0.003	0.0044	0.77	0.0003	5.27	0.015	<0.01	7.4	<0.00002	2.5	-	-	-	0.014	-	-	-	-
	12-Apr-26			34	0.04	<0.01	-	3	97	23.6	109	-	7.31	-	0.14	-	60	12.0	2	4.9	0.9	<0.1	4	1.73	<0.00002	0.0006	0.038	0.006	0.00002	-	0.0012	-	0.0048	1.73	0.0002	-	-	-	4.4	-	-	-	-	-	0.01	-	-	-	-
	12-Apr-26		DUP	33	0.05	<0.01	-	3	97	23.3	109	-	7.40	-	0.14	-	60	12.0	2	4.9	0.9	<0.1	4	1.51	<0.00002	0.0007	0.034	0.005	0.00003	-	0.0013	-	0.0047	1.64	0.0002	-	-	-	4	-	-	-	-	-	0.006	-	-	-	-
	12-Oct-18			87	0.036	< 0.005	-	18	229	-	338	-	-	< 0.001	2.37	-	186	1040.0	3.7	23.6	0.1	< 0.1	26	15.9	< 0.00002	0.0029	0.328	0.045	0.00042	86.3	0.026	0.0106	0.041	31.8	0.0166	49	0.966	0.02	28.7	0.00019	11.1	-	-	-	0.276	-	-	-	-
	13-Oct-24			58	0.102	0.00011	-	<2.0	129	51.3	198	-	6.98	0.0019	0.612	-	230	22.0	2.2	13.7	0.12	<0.10	14.7	3.91	<0.00010	<0.0010	0.0699	0.017	<0.000090	17.1	0.00531	0.00097	0.0082	2.99	0.0012	8.88	0.0271	0.0045	13.3	<0.00010	6.54	-	-	-	0.0167	-	-	-	-
	14-Jun-17			63	0.091	0.000136	-	7.2	151	55.6	175	-	6.89	0.0022	0.791	-	188	90.0	2.8	14.1	<0.10	<0.10	<2.0	0.346	<0.00010	<0.0010	0.0373	0.019	<0.000090	16.2	0.0017	0.00148	0.0017	2.43	<0.00050	8.36	0.182	0.0029	3.4	<0.00010	6.77	-	-	-	0.0047	-	-	-	-
	14-Oct-22			79	0.073	0.00024	-	2.1	137	33	224	-	7.13	<0.0010	0.302	-	214	20.0	1.83	14.1	0.11	<0.10	13.6	1.46	<0.00010	<0.0010	0.0838	0.034	<0.000090	41.8	0.00264	0.00079	0.0046	1.76	0.00064	21.8	0.0844	0.0032	10.1	<0.00010	21.8	-	-	-	0.0112	-	-	-	-
	15-May-27			354	0.07	0.004	-	3	19	2.6	719	-	8.03	<0.0010	0.13	<	390	109	0.5	17	2.6	<0.05	27	0.003	nd	nd	0.157	0.011	0.0005	100	0.002	0.0008	0.0018	1.02	0.0015	nd	0.049	nd	1.7	nd	13.3	0.313	-	0.0051	0.11	-	-	-	-
	15-Nov-16			87	0.23	0.003	-	<10	119	30.3	375	-	7.4	<0.0010	0.27	0.05	402	45	2.9	20	7.6	<0.05	37	1.68	nd	nd	0.146	0.015	nd	35.3	0.002	0.0011	0.0094	1.29	0.0014	17.8	0.058	0.004	6.95	nd	13	0.192	-	0.0071	0.013	-	-	-	-
	16-Dec-02			81	0.07	0.0005	-	5	69	14	280	-	7.2	0.002	0.31	0.14	280	18	1.7	7	4.3	<	0.023	0.121	<0.0001	<0.001	0.115	0.032	<0.0001	21.2	0.01	0.002	0.0124	4.95	0.0027	11.6	0.052	0.007	4.85	<0.0001	7.73	0.154	-	0.0118	0.027	-	-	-	-
	17-Aug-01	17-W014		74	0.08	0.001	<0.010	19	114	31	180	86	7.4	0.007	0.37	-	222	20	2.8	7	<	<0.05	5	0.925	<0.0001	0.001	0.019	0.02	<0.001	20.2	0.002	0.0014	0.0053	1.65	0.0006	8.64	0.157	0.004	5.73	<0.0001	6.18	0.106	0.0002	0.0059	0.017	6.66	29.15	6.17	0.196
	17-Nov-01	17-W049		40	0.13	0.001	<0.010	4	72	18.8	127	53	7.1	<0.0010	0.3	-	288	74	2	6	1	<0.05	10	1.82	<0.0001	<0.001	0.112	0.012	<0.001	11.7	0.002	0.0008	0.0061	0.921	0.0018	5.79	0.068	0.003	3.5	<0.0001	3.9	0.072	0.0003	0.0065	0.046	7.21	1.68	9.53	0.116
	17-Nov-01	17-W050	DUP	42	0.12	0.0008	<0.010	4	69	15.6	129	51	7.1	<0.0010	0.32	-	258	89	2.4	6	<0.05	9	1.57	<0.0001	<0.001	0.1	0.01	<0.001	11.1	0.002	0.0008	0.0072	1.05	0.002	5.67	0.035	0.003	3.11	<0.0001	3.58	0.07	0.0003	0.0068	0.044	7.21	1.68	9.53	0.116
	18-May-01	18-W027		115	0.06	<0.01	0.03	14	154	40.8	327	149	8.15	<0.0010	0.42	0.16	168	100	1.8	29.3	<0.05	<0.05	8	0.04	<0.00002	0.0021	0.094	0.025	0.000059	34.6	0.004	0.0014	0.0062	2.67	0.00209	15.3	0.113	<0.01	5.2	<0.0001	17.3	0.22	-	0.009	0.029	9.38	25.00	8.03	0.396
	18-Nov-01	18-W042		28	0.13	<0.01	<0.010	4	73	19	160	61	7.19	<0.0010	0.3	0.19	81	22	2	5.9	4.19	<0.05	18	0.10	<0.00002	0.0005	0.066	<0.005	0.000119	12.3	0.005	0.0012	0.0065	2.44	0.00138	7.37	0.042	0.004	4.7	<0.0001	4.4	0.072	-	0.006	0.034	8.26	1.87	8.25	0.188
	19-May-08	19-W024		75	0.20	<0.01	<0.010	5	91	34	256	134	7.82	<0.0010	0.37	0.222	131	42	2.1	22.4	0.15	<0.05	13	0.04	<0.00002	0.0009	0.119	0.059	0.000047	31.5	0.007	0.0016	0.0067	4.25	0.00157	13.5	0.068	<0.01	4.9	<0.0001	14.7	0.190	-	0.009	0.019	7.79	10.46	8.44	0.700
	19-Nov-27	19-W055		51	0.32	<0.01	0.012	3	83	18.8	185	90	7.21	<0.0010	0.31	0.147	94	20	2.0	14.9	1.03	<0.05	12	0.21	<0.00002	0.0006	0.091	0.012	0.000067	18.9	0.006	0.0018	0.0074	4.11	0.00171	10.4	0.083	0.0049	5.2	0.0003	9.0	0.107	-	0.0087	0.047	8.56	3.48	9.10	0.234
	20/Apr/07	20-W013		62	0.73	0.02	<0.010	4	100	25.4	187	122	7.59	<0.0010	0.8	0.379	95	110	3.6	11.9	0.63	<0.05	7	0.11	<0.00002	0.0015	0.251	0.091	0.000131	25.5	0.021	0.0058	0.0243	13.3	0.00699	14.1	0.161	0.02	7.1	<0.0001	7.8	0.136	-	0.03	0.083	7.55	13.87	8.21	0.211
	20/Nov/18	20-W063		85	0.55	<0.01	<0.010	4	119	20.4	392	157	7.73	<0.0010	0.46	0.261	202	65	3.2	38.6	0.79	0.07	45	0.05	<0.00002	0.0010	0.147	<0.005	0.000074	35.3	0.007	0.0021	0.0096	4.58	0.00237	19.2	0.079	<0.01	9.5	<0.0001	16.1	0.219	-	0.0119	0.027	7.89	0.5	1.28	0.425
	21/May/18	21-W032		74	0.31	0.01	0.015	7	113	37.3	211	88	7.48	0.002	0.98	0.389	108	78	4.0	13.4	0.28	<0.05	10	0.50	<0.00002	0.0019	0.211	0.034	0.000133	23.1	0.016	0.0048	0.014	11.7	0.00572	13.8	0.194	0.02	6.7	0.0001	9.2	0.144	-	0.0264	0.068	8.08	20.68	5.23	0.214
	21/Oct/28	21-W066		27	0.16	<0.01	<0.010	<3	79	18.1	134	54	7.15	<0.0010	0.33	0.334	68	23	1.6	9.3	1.7	<0.05	14	0.46	<0.00002	0.0005	0.085	0.014	0.000041	12.1	0.006	0.0014	0.0081	4.27	0.00192	7.39	0.045	<0.01	5.7	<0.0001	3.6	0.073	-	0.0078	0.034	6.41	8.48	4.17	0.136
	22-May-11	22-W021		67	0.16	<0.01	<0.010	4	120	44.1	185	84	7.56	<0.0010	0.6	0.315	94	48	2.9	14.1	0.09	<0.05	7	0.07	<0.00002	0.0014	0.052	0.015	0.000044	18	0.006	0.0021	0.0067	3.84	0.00207	9.41	0.109	<0.01	4.9	<0.0001	6.3	0.105	-	0.0118	0.016	7.88	24.89	5.78	0.153
	22-Nov-02	22-W054		67	0.23	0.03	0.030	7	95	19.5	236	111	7.23	<0.0010	0.46	0.176	121	35	2.5	20.4	0.21	<0.05	14	0.05	<0.00002	0.0011	0.128	0.042	0.000082	23.6	0.008	0.0027	0.0093	5.47	0.00275	12.6	0.146	<0.01	7.2	<0.0001	9.1	0.135	-	0.0129	0.042	8.9	10.15	15.44	0.202
SW6	11-Dec-20			26	0.06	<0.01	-	21	78	24.1	453	-	7.22	-	0.67	-	249	8.0	1.9	101	0.2	<0.1	3	3.68	-	0.0005	0.055	<0.005	0.00005	7.85	0.007	0.0002	0.0047	2.98	0.00033	4.45	0.025	<0.01	5.4	<0.00002	2.5	-	-	-	0.022	-	-	-	-
	12-Apr-26			28	0.04	<0.01	-	3	97	23.4	88	-	8.53	-	0.12	-	49	14.0	1.9	2.4	1	<0.1	3	1.49	<0.00002	0.0006	0.031	0.005	0.00004	-	0.0012	-	0.0052	1.47	0.00027	-	-	-	3.7	-	-	-	-	-	0.009	-	-	-	-
	12-Oct-18			65	0.085	< 0.005	-	8	129	-	249	-	-	< 0.001	0.93	-	137	118.0	3.2	12.7	0.1	< 0.1	20	3.51	< 0.00002	0.0012	0.098	0.023	0.00011	19.6	0.013	0.0029	0.011	5.43	0.0769	11.4	0.162	0.02	27.5	0.00008	6.3	-	-	-	0.028	-	-	-	-
	13-Jul-24			72	0.802	0.00222	-	14	112	-	457	-	7.09	0.003	3.47	-	416	1090.0	4.3	75.6	<0.10	<0.10	17.6	20.9	<0.00010	<0.010	0.354	<0.10	<0.00090	31	0.0266	0.0107	0.02	17.9	0.0092	22	1.33	0.018	24	<0.0010	20.4	-	-	-	0.095	-	-	-	-
	14-Jun-17			45	0.102	0.000096	-	8	192	82.6	94	-	6.69	0.0013	0.925	-	141	105.0	4.72	<2.0	<0.10	<0.10	<2.0	0.972	<0.00010	<0.0010	0.0428	0.019	<0.000090	20.9	0.00258	0.0014	0.0043	2.39	<0.00050	6.69	0.0904	0.0037	3.9	<0.00010	3.68	-	-	-	0.0099	-	-	-	-
	17-Aug-01	17-W011		68	0.09	0.0006	<0.010	<20	127	33.1	163	73	7.1	0.003	0.27	-	204	14	2.8	4	<0.05	7	1.08	<0.00010	0.001	0.09	0.092	<0.0001	16.8	0.003	0.0008	0.006	1.05	0.0004	7.42	0.048	0.004	4.59	<0.0001	13.2	0.108	0.0002	0.0052	0.035	5.92	22.52	0.370	0.167
	17-Nov-01	17-W036		37	0.2	0.001	<0.010	17	110	21.7	143	61	7	<0.0010	0.36	-	222	51	2.9	5	2.2	<0.05	15	1.81	<0.00010	<0.001	0.069	0.012	<0.0001	13.4	0.002	0.0008	0.0076	0.751	0.0013	6.66	0.05	0.004	3.84	<0.0001	4	0.077	0.0002	0.0059	0.033	6.99	0.900	9.18	0.158
	18-May-01	18-W028		105	0.06	<0.01	<0.010	8	125	40.8	286	146	8.06	<0.0010	0.43	0.13	147	30.0	2.2	22.4	<0.05	<0.05	7	0.05	<0.00002	0.0016	0.092	0.022	0.000035	33.8	0.003	0.0013	0.0052	2.83	0.00163	15	0.079	<0.01	5.3	<0.0001	15.1	0.213	-	0.008	0.029	8.00	18.90	2.61	0.339
	18-Nov-01	18-W037		10	0.16	< 0.01	<0.010	5	125	17	123	58	6.93	< 0.001	0.65	0.22	62	130.0	3.9	1.7	7.59	< 0.05	9	0.06	< 0.00002	0.0005	0.099	0.007	0.000162	10.8	0.009	0.0021	0.0092	5.72	0.00365	7.54	0.062	0.0055	5.2	<0.0001	2.8	0.053	-	0.01	0.344	8.21	1.65	1.78	0.086
	19-May-08	19-W017		62	0.15	< 0.01	<0.010	< 3	93	27.4	191	118	7.70	< 0.001	0.35	0.243	97	28	2.1	11.5	< 0.05	< 0.05	10	0.09	< 0.00002	0.0009	0.125	0.054	0.000046	27.8	0.007	0.0016	0.0068	4.76	0.00161	11.8	0.069	< 0.01	5.2	< 0.0001	9.8	0.170	-	0.010	0.024	6.74	10.38	8.58	0.235
	19-Nov-26	19-W054		40	0.35	0.05	0.045	< 3	85	21.0	138	57	7.06	< 0.001	0.29	0.159	70	64	2.0	6.8	1.02	< 0.05	11	0.50	< 0.00002	0.0006	0.090	0.011	0.000075	12.9	0.006	0.0021	0.0087	4.53	0.00209	8.02	0.081	< 0.0002	4.9	0.0003	4.3	0.078	-	0.009	0.035	9.00	6.94	6.95	0.157
	20/Apr/07	20-W012		50	0.64	< 0.01	<0.010	4	115	27.3	140	104	7.40	< 0.001	0.73	0.584	71	110	3.4	5.7	0.51	< 0.05	6	2.07	< 0.00002	0.0014	0.232	0.077	0.000113	21.4	0.018	0.0053	0.0142	12.4	0.00579	12.2	0.139	0.02	6.9	< 0.0001	5.8	0.121	-	0.029	0.086	7.54	10.81	5.77	0.172
	20/Nov/18	20-W057		66	0.35	< 0.01	<0.010	4	285	23.2	305	124	7.52	< 0.001	2.63	0.226	156	120	9.7	20.8	1.20	0.07	45	0.99	< 0.00002	0.0030	0.492	0.042	0.000500	35.2	0.047	0.0142	0.0439	12.9	0.01610	27.4	0.379	0.04	15.7	0.0001	10.4	0.229	-	0.0621	0.175	7.45	2.17	4.88	0.329
	21/May/18	21-W029		70	0.32	< 0.01	<0.010	5	115	40.9	194	82	7.40	0.003	3.17	0.388	99	104	6.5	10.9	0.29	< 0.05	10	0.15	< 0.00002	0.0019	0.219	0.028	0.000143	21.4	0.019	0.0059	0.0167	12.4	0.00616	13.5	0.191	0.02	7.1	0.0001	8	0.135	-	0.0289	0.083	7.81	22.36	4.90	0.199
	21/Oct/28	21-W075		29	0.16	< 0.01	<0.010	4	84	18.5	136	53	7.09	< 0.001	0.42	0.357	69	1660	2.0	8.8	1.71	< 0.05	14	0.11	< 0.00002	0.0006	0.111	0.014	0.000058	12.4	0.008	0.0026	0.0101	5.85	0.00241	7.85	0.071	< 0.01	6.1	< 0.0001	3.5	0.074	-	0.0115	0.041	7.36	10.19	5.10	0.139
SW8	98-Oct-01			232	0.41		<0.010	43.8	-	5.3	890	-	-	-	-	-	-	-	46.7	126	0.34	nd	17.8	-	-	-	-	-	-	-	-	-	-	0.76	-	26.8	0.41	-	-	-	55.7	-	-	-	-	-	-	-	-
	99-Oct-01			35	0.03	<0.01	<0.010	9	-	-	179	-	-	-	-	-	-	1.2	6	0.4	<0.1

Surface Water Sampling Location	Date Sampled	Sample ID		Alkalinity, total	Ammonia as N	Ammonia, unionized	Ammonia, Unionized (Field)[i]	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Phosphorus, total dissolved	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Aluminum, dissolved
				Parameters																				
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RL (2022)				5	0.01	0.01	0.01	3	5	0.2	1	1	-	0.001	0.01	0.002	3	3	0.1	0.5	0.05	0.05	1	0.01
PWQO				(note a)		0.020	0.020						6.5-8.5	0.001	0.02									0.075[b]
Table A: Aquatic Protection Value (mg/L)						0.100	0.100						6.0-9.0	0.004[h]						180			100	
Table B: Canadian Water Quality Guideline (mg/L)														0.004[h]						128	2.9	0.06		
SW11	04-Nov-01			105	0.23	nd	<0.010	9.8		18	287	-	-	-	1.15	-	292	1470.0	1.16	16	0.8	nd	21.1	0.111
	05-Oct-01			65	nd	nd	<0.010	4		15.6	137	-	-	-	4.69	-	340	28.0	2.2	1	nd	nd	6	14
	06-Apr-01			148	0.06	nd	<0.010	28	240	34.2	260	-	-	-	1.2	-	189	340.0	2.4	2	nd	-	nd	4.5
	06-Oct-01			46	0.17	<0.02	<0.010	4	67	13.3	106	-	-	-	0.69	-	79	74.0	3.2	2	<0.1	0.02	3	6.7
	07-May-01			132	0.16	<0.05	<0.010	8	167	25.3	273	-	-	-	2.3	-	180	404.0	7	3.5	0.9	<0.1	1	0.81
	08-May-01			163	0.16	<0.01	<0.010	15	257	47	319	-	7.37	-	1.74	-	211	184.0	13	2	0.4	<0.1	<1	3.44
	08-Nov-01			135	<0.05	<0.05	<0.010	21	714	32.5	281	-	8.06	-	1.77	-	155	780.0	14	3	<0.1	<0.1	2	5.07
	09-Apr-01			146	<0.05	<0.05	<0.010	7	71	11.9	260	-	6.99	-	0.71	-	143	106.0	4	<1	<0.1	<0.1	<1	0.1
	09-Apr-01		DUP	157	<0.05	<0.05	<0.010	2	73	11.8	257	-	-	-	0.33	-	142	56.0	1.8	1	0.1	<0.1	<1	0.17
	09-Nov-17			164	<0.05	<0.05	<0.010	16	455	17	321	-	6.80	-	1.69	-	176	670.0	7.6	1	<0.1	<0.1	<1	8.36
	10-Jul-14			68	0.15	<0.05	<0.010	5	78	23.7	131	-	6.45	-	0.51	-	72	52.0	3	1	<0.1	<0.1	<1	0.16
	10-Nov-01			86	0.01	<0.01	<0.010	5	64	20.1	179	-	6.51	-	0.19	-	99	50.0	1.3	2	<0.1	<0.1	<1	1.14
	10-Nov-01		DUP	83	<0.01	<0.01	<0.010	4	78	20.4	176	-	6.51	-	0.2	-	97	20.0	1.3	2	0.1	<0.1	4	2.26
	11-May-01			94	0.07	<0.01	<0.010	8	135	18.9	187	-	6.78	-	0.37	-	103	60.0	2	<1	<0.1	<0.1	<1	0.6
	11-Nov-11			144	<0.05	<0.05	<0.010	5	947	10.9	282	-	6.58	-	0.18	-	155	302.0	1.6	3	<0.1	<0.1	<1	0.03
	12-Oct-18			77	0.006	< 0.005	<0.010	20	148		167	-	-	0.012	0.74	-	92	140.0	2.3	1.6	<0.1	0.2	<1	1.47
	13-Oct-24			132	0.097	0.000171	<0.010	<2.0	46	19.6	251	-	7.49	0.0041	0.146	-	158	266.0	0.81	2.3	<0.10	<0.10	<2.0	0.56
	14-Jun-17			109	0.12	0.00099	<0.010	19.8	346	98.7	204	-	7.25	0.0033	2.26	-	265	61.0	6.31	<2.0	<0.10	<0.10	<2.0	0.537
	14-Oct-22			62	0.161	0.00092	<0.010	98	148	36.7	123	-	7.06	<0.0010	0.672	-	127	64.0	9.42	<2.0	<0.10	<0.10	3.1	0.192
	15-Nov-16			113	0.08	0.003	<0.010	12	80	16.2	334	-	7.8	<0.0010	0.2	0.03	251	35	2.4	6	6.3	<0.05	26	0.738
	16-Nov-28			91	0.04	0.0005	<0.010	2	25	8.9	485	-	7.4	<0.001	0.1	0.03	372	25	1.2	8	28	<0.05	35	0.108
	17-Aug-01	17-W004		91	0.04	0.002	<0.010	2	37	13.3	162	82	7.9	0.004	0.08	-	136	<3	1.4	1	<	<0.05	2	0.178
	17-Nov-01	17-W026		88	0.08	0.0009	<0.010	5	55	9.9	188	85	7.4	<0.001	0.21	-	262	56	1.4	3	1.3	<0.05	6	2.02
	18-May-01	18-W014		169	0.04	<0.01	<0.010	5	60	19.5	281	157	8.17	<0.001	0.12	<	144	20	1.6	1.8	0.06	<0.05	<1	0.03
	18-May-01	18-W032		46	0.08	<0.01	<0.010	<2	21	24.5	134	56	7.67	<0.001	0.44	0.04	68	16	1.9	1.3	2.66	<0.05	5	0.02
	19-May-07	19-W004		67	0.07	<0.01	<0.010	<3	64	12.0	143	71	7.48	<0.001	0.12	0.024	73	14	1.4	1.0	< 0.05	<0.05	3	0.05
	19-Nov-26	19-W049		28	0.07	<0.01	<0.010	<3	22	8.2	66	28	7.18	<0.001	0.12	0.029	33	18	1.0	<0.5	0.47	0.15	1	0.31
	20/Apr/07	20-W003		60	0.06	<0.01	<0.010	4	46	12.6	132	79	7.53	<0.001	0.14	0.092	67	19	1.3	1.9	< 0.05	<0.05	2	0.06
	20/Nov/17	Dry Conditions																						
	21/May/19	21-W039		60	0.02	<0.01	<0.010	3	129	8.6	121	61	7.19	<0.001	0.17	0.053	61	16	2.0	1.2	0.17	0.06	2	0.33
	21/Oct/28	21-W059		41	0.15	<0.01	<0.010	<3	116	54.1	169	62	7.35	<0.001	0.24	0.168	86	13	2.3	6.2	1.25	<0.05	24	0.32
	22-May-12	22-W024		80	<0.01	<0.01	<0.010	<	104	42.3	168	55	6.77	<0.001	0.12	0.057	86	18	1.3	1.3	0.13	<0.05	3	0.23
	22-Nov-02	22-W059		130	0.05	<0.01	<0.010	<	50	20.9	325	152	7.88	0.004	0.05	0.013	167	<3	1.2	7.4	0.13	<0.05	26	0.04
SW12	04-May-01			139	0.07	nd	<0.010	3.6	-	16.5	261	-	-	-	0.92	-	230	339.0	0.92	2.1	0.92	nd	6.8	10
	05-Oct-01			95	0.22	nd	<0.010	5	-	15.3	254	-	-	-	0.947	-	260	4.0	2.5	17	nd	nd	12	3.8
	06-Oct-01			71	0.11	<0.02	<0.010	<2	48	12.1	163	-	-	-	0.15	-	117	18.0	1.5	6	<0.1	0.02	12	5.9
	09-Apr-01			231	1.33	<0.05	<0.010	<2	59	15.3	750	-	7.64	-	0.23	-	412	8.0	2	60	0.2	<0.1	114	1.33
	11-Jun-01			382	0.03	<0.01	<0.010	6	95	29.3	907	-	7.96	-	0.19	-	499	56.0	1.6	37	<0.1	<0.1	33	1.28
	11-Jun-01		DUP	383	0.02	<0.01	<0.010	6	94	30.6	906	-	7.96	-	0.14	-	498	28.0	1.4	37	<0.1	<0.1	33	1.37
	14-Oct-22			336	<0.050	<0.00031	<0.010	2.2	91	28.5	946	-	7.98	<0.0010	0.199	-	605	6.0	1.3	54.3	<0.10	<0.10	19	0.756
	15-Nov-16			122	0.18	0.003	<0.010	62	113	28.7	555	-	7.5	<0.0010	0.22	0.03	448	57	2.6	52	6.7	<0.05	48	1.15
	16-Dec-02			51	0.19	0.0009	<0.010	<12	82	14.9	426	-	7	<0.0010	0.22	0.08	388	22	2.6	25	18.4	<	34	0.497
	17-Aug-01																							
	17-Nov-01																							
	18-May-01	18-W026		731	0.24	0.02	0.023	>20.7	454	143	1800	724	8.2	0.007	0.97	0.18	988	90	2.4	147	< 0.05	< 0.05	13	0.10
	18-Nov-01	18-W054		300	3.64	0.05	0.046	23	280	86.4	1440	450	7.9	0.022	1.65	2.1	783	22	8.4	123	3.1	0.24	218	0.07
	19-May-07	19-W015		558	0.99	0.05	0.015	7	289	83.2	1530	582	7.95	0.002	1.58	1.35	835	54	6.8	130	< 0.05	< 0.05	48	0.08
	19-Nov-27	19-W057		511	4.94	0.14	0.025	42	3370	86.0	1670	1080	7.71	0.013	4.84	2.71	914	1500	4.1	141	0.09	< 0.05	196	0.08
	20/Apr/07	20-W017		584	0.15	< 0.01	<0.010	21	346	83.6	1640	627	8.01	<0.001	2.81	1.44	897	170	1.3	134	0.05	< 0.05	77	0.05
	20/Nov/18	20-W049		253	0.12	< 0.01	<0.010	10	261	17.7	843	324	7.95	<0.001	3.24	0.134	445	1800	10.5	81.2	0.10	< 0.05	65	0.06
	21/May/18	21-W034		792	0.31	0.01	0.014	20	371	116.0	1860	712	8.15	0.008	1.26	0.655	1020	46	7.8	145	1.30	< 0.5	56	0.09
	21/Oct/28	21-W067		375	0.61	< 0.01	<0.010	11	266	54.6	1260	490	8.44	<0.001	0.90	0.36	682	260	5.2	90.9	0.92	0.36	176	0.09
	22-May-12	Dry Conditions																						
	22-Nov-02	22-W056		446	1.4	0.01	0.010	5	146	14.9	1400	544	7.84	<0.001	1.36	0.474	762	74	4.8	143	0.12	<	66	0.07
SW13	03-Oct-01			144	0.06	-	-	3.5	50	15	339	-	-	-	0.5	-	324	37.0	1.39	8	6.3	nd	20	10.2
	04-May-01			92	0.06	-	-	0.6	-	24.6	236	-	-	-	0.149	-	234	33.0	1.44	7.1	2.4	-	20	4.42
	04-Nov-01			138	0.07	-	-	nd	-	23.4	394	-	-	-	0.162	-	322	94.0	1.11	31.8	0.5	nd	28.8	2.3
	05-May-01			99	0.11	-	-	nd	-	37.2	216	-	-	-	0.124	-	65	30.0	2.4	6.4	0.2	-	7.2	1.3
	05-Oct-01			76	nd	-	-	5	-	14.8	187	-	-	-	0.25	-	218	4.0	0.8	3	0.5	nd	16	5.7
	06-Apr-01			215	nd	-	-	nd	45	15	482	-	-	-	0.18	-	293	4.0	1.7	14	nd	-	16	1.7
	06-Oct-01			146	0.12	-	-	3	65	17.8	379	-	-	-	0.3	-	241	400.0	1.9	22	0.2	0.01	20	1.3
	07-May-01			168	0.11	-	-	9	83	20.9	395	-	-	-	4.4	-	261	56.0	1.7	19.5	<0.1	<0.1	10	0.84
	07-Oct-01			192	0.35	-	-	4	41	13.5	911	-	-	-	0.41	-	610	80.0	1.9	142	0.9	<0.1	53	2.08
	08-May-01			176	0.02	-	-	3	48	19.6	402	-	19.30	-	0.13	-	265	13.0	1.2	12	0.3	<0.1	16	0.67
	08-Nov-01			55	0.06	-	-	<2	100	29.6	189	-	1.80	-	0.32	-	104	8.0	3	13	0.1	<0.1	9	2.36
	09-Apr-01			134	0.13	-	-	<2	73	19.7	394	-	9.50	-	0.34	-	216	34.0	1.7	45	0.1	<0.1	21	2.74
	09-Nov-18			78	0.1	-	-	32	151	37.6	285	-	4.50	-	0.38	-	157	128.0	2.3	26	0.2	<0.1	13	3.05
	10-Jul-14			231	2.94	-	-	23	114	22.3	562	-	19.80	-	1.93	-	309	196.0	14	15	<0.1	<0.1	2	5.82
	10-Nov-01			117	0.03	-	-	<2	65	23.6	322	-	8.40	-	0.14	-	177	8.0	1.5	14	0.7	<0.1	16	1.6
	10-Nov-01		DUP	117	0.04	-	-	<2	62	23.1	323	-	8.40	-	0.11	-	178	4.0	1.5	14	0.7	<0.1	16	1.68
	11-Jun-01			125	0.19	-	-	2	69	18.9	295	-	23.00	-	0.32	-	162	8.0	1.6	7	0.3	0.2	7	1.08
	11-Nov-11			88	0.05	-	-	5	65	17.5	237	-	-	-	0.4	-	130	26.0	1.7	6	0.9	<0.1	14	0.22
	11-Nov-11		DUP	87	0.06	-	-	6	69	17	246	-	3.00	-	0.27	-	135	18.0	2	6	1.3	<0.1	16	0.22
	12-Apr-26			88	0.01	-	-	<2	78	19.4	299	-	-	-	0.14	-	164	10.0	1.7	24.3	1.4	<0.1	13	0.01
	13-Jul-24			304	0.216	0.00229	-	<2.0	61	-	575	-	7.89	<0.0010	0.625	-	366	154.0	1.78	14.4	<0.10	<0.10	3.4	0.159
	13-Oct-24			153	0.045	0.000178	-	<2.0	63	28	356	-	7.91	0.0018	0.223	-	245	31.6	1.39	12.1	0.38	<0.10	12.3	2.1
	14-Jun-17			233	0.105	0.00124	-	<2.0	74	15.4	485	-	7.85	0.0011	0.184	-	295	97.6	1.16	4.9	1.14	<0.10	14.5	0.69
	14-Jun-17		DUP	236	0.106	0.00125	-	2	74	16.6	482	-	7.84	0.0013	0.189	-	296	11.6	1.1	4.9	1.14	<0.10	14.5	0.714
	14-Oct-22			131	0.059	0.00039	-	<2.0	85	24.1	270	-	7.51	<0.0010	0.115	-	201	15.3	1.91	4.8	0.71	<0.10	9.2	1.73
	15-May-27			113	1.39	0.006	-	<20	135	46.7	237	-	6.9	0.004	0.24	0.04	176	5	3.1	3	<0.10	<0.05	<1	0.367
	19-May-08	19-W030		166	0.06	<0.01	<0.010	3	106	23.3	400	212	8.19	<0.001	0.3	0.105	206	40	2.1	6.6	2.7	<0.05	16	0.07
	19-Nov-27	19-W060		140	0.12	<0.01	<0.010	< 3	53	19.8	352	165	7.7	<0.001	0.18	0.085	181	30	1.3	5.8	2.13	0.16	20	0.73
	20/Apr/08	20-W030		193	0.04	<0.01	<0.010	4	64	13.9	450	223	7.93	<0.001	0.40	0.056	232	92	2.1	8.0	1.97	<0.05	16	0.03
	20/Nov/18	20-W061		224	0.06	<0.01	<0.010	4	102	9.7	563	278	8.04	<0.001	0.31	0.079	292	90	1.8	13.8	3.93	<0.05	34	0.06
	21/May/18	21-W022		215	0.1	<0.01	<0.010	5	63	25	455	231	7.98	<0.001	0.23	0.076	235	21	1.7	25.5	8.11	<0.05	22	0.06
	21/Oct/28	21-W072		59	0.16	<0.01	<0.010	4	85	26.5	188	87	7.66	<0.001	0.47	0.287	96	38	2.5	3.2	4.18	<0.05	14	0.30
	22-May-11	22-W013		248	0.08	<0.01	<0.010	5	61	3.4	529	302	8.01	<0.001	0.40	0.041	274	175	1.9	15.2	2.01	<0.05	19	0.12
	22-Oct-31	22-W032		196	0.17	<0.01	<0.010	4	72	23.5	445	227	7.78	<0.001	0.29	0.061	230	102	2	5.3	2.17	<0.05	22	0.09
SW14	03-Oct-01			141	0.09	-	-	3.8	60	14.9	391	-	-	-	0.43	-	328	29.0	1.42	11.5	7.9	nd	21.6	5.15
	04-May-01			90	0.21	-	-	1.1	-	20.5	246	-	-	-	0.407	-	244	37.0	1.87	12.1	1.9	-	16.7	4.9
	04-Nov-01			161	0.04	-	-	1.2	-	20.7	393	-	-	-	0.063	-	292	35.0	1	10.6	0.9	nd	40.8	2.64
	05-May-01			246	0.07	-	-	5	-	18.5	443	-	-	-	0.166	-	329	96.0	1.7	13.3	0.5	-	22.6	1.1
	05-Oct-01			102	0.28	-	-	9	-	22.4	264	-	-	-	0.798	-	222	68.0	2.4	18	nd	nd	12	4.6
	06-Apr-01			218	nd	-	-	nd	43	13.7	446	-	-	-	0.086	-	264	17.0	1.2	3	0.4	-	nd	1.6
	06-Oct-01			135	0.23	-	-	3	83	21.8	329	-	-	-	0.49	-	195	120.0	4.5	9	3.8	0.04	20	5
	07-May-01			200	0.18	-	-	<2	65	15.9	409	-	-	-	0.9	-	270	15.0	1.1	6.5	<0.1	<0.1	13	0.45
	07-Oct-01			200	0.07	-	-	<2	<5	13.9	880	-	-	-	0.55	-	581	65.0	1.8	136	0.7	<0.1	39	4.27
	08-May-01			188	0.02	-	-	3	15	16.4	370	-	20.10	-	0.04	-	244	22.0	1.1	5	0.1	<0.1	18	0.66
	08-Nov-01			120	0.11	-	-	4	64	19.5	290	-	2.70	-	0.17	-	160	20.0	1.3	4	0.7	<0.1	20	2.51
	09-Apr-01			156	0.15	-	-	<2	49	15.8	308	-	-	-	0.2	-	138	18.0	0.7	4	1.5	<0.1	10	5.22
	09-Nov-18			104	0.09	-	-	3	113	38.1	326	-	3.40	-	0.23	-	179	44.0	1.8	22	0.5	<0.1	19	2.23
	10-Jul-14			216	0.19	-	-	13	81	19.7	444	-	21.50	-	0.87	-	244	154.0	5	2	<0.1	<0.1	3	2.34
	10-Nov-01			157	0.1	-	-	<2	47	19.7	373	-	7.60	-	0.08	-	205	2.0	1.3	6	0.9	<0.1	23	2
	11-Jun-01			152	0.12	-	-	<2	53	15.7	356	-	17.80	-	0.15	-	196	12.0	1.4	5	0.3	0.2	14	1.16
	11-Dec-01			92	0.08	-	-	5	62	17.8	252	-	4.90	-	0.22	-	139	20.0	1.9	4	1.7	<0.1	20	0.25
	12-Apr-26			171	0.03	-	-	3	49	13.3	395	-	-	-	0.13	-	217	18.0	1.5	4.4	3.4	<0.1	16	0.11
	12-Oct-18			250	< 0.005	< 0.005	-	5	19	-	593	-	-	< 0.001	0.05	-	326	30.0	1.1	5.5	2.8	<0.1	42	0.59
	13-Oct-24			150	0.058	0.000195	-	<2.0	91	41.8	447	-	7.80	0.0022	0.39	-	325	12.4	1.56	32.5	0.61	<0.10	23.6	7.49

Surface Water Sampling Location	Date Sampled	Sample ID		Mercury	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)
				Parameters																								
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Units	°C	mg/L	mS/cm
RL (2022)				0.0001	0.001	0.0001	0.005	0.00002	0.02	0.001	0.0001	0.0001	0.005	0.00002	0.02	0.001	0.01	0.1	0.0001	0.2	0.001	-	0.0001	0.005	-	-	-	-
PWQO				0.0002	0.005		0.200	(note c)		(note d)	0.0009	(note e)	0.3	(note f)			0.025		0.0001				0.006	0.02	6.5 - 8.5		(note g)	
Table A: Aquatic Protection Value (mg/L)					0.15	2.3	3.550	0.00021		0.064		0.0069	1	0.002										0.089	6.0 - 9.0			
Table B: Canadian Water Quality Guideline (mg/L)				0.000026			1.5	0.000017																0.030				
SW11	04-Nov-01			-	nd	0.059	0.007	nd	24.7	nd	nd	0.0022	0.12	nd	14.5	nd	nd	7.3	nd	7	-	-	-	nd	-	-	-	-
	05-Oct-01			-	nd	0.18	0.012	0.0001	11.8	0.02	0.0038	0.014	13	0.0042	6.84	0.12	0.012	4	nd	4	-	-	-	-	-	-	-	-
	06-Apr-01			-	0.001	0.096	nd	0.0001	20	0.007	0.0037	0.005	9.1	-	20	0.45	0.006	6.3	nd	7.2	-	-	-	0.035	-	-	-	-
	06-Oct-01			-	<0.001	0.11	0.021	0.0001	11	0.01	0.0029	0.008	7.3	0.0026	7.7	0.32	0.007	6.3	<0.0001	3.1	-	-	-	0.031	-	-	-	-
	07-May-01			-	0.0021	0.083	0.023	<0.0001	16.1	0.002	<0.0001	0.011	1.62	0.0022	16.5	1.41	<0.01	5.3	<0.0001	15.4	-	-	-	0.022	-	-	-	-
	08-May-01			-	0.0013	0.141	0.048	0.0016	18.2	0.007	-	0.015	2.35	0.0042	26	0.405	0.02	2.3	-	11.6	-	-	-	0.214	-	-	-	-
	08-Nov-01			-	<0.0005	0.135	0.044	0.0012	30.3	0.012	0.0038	0.039	5.08	0.003	21.7	0.431	0.02	7.7	<0.001	16.8	-	-	-	0.175	-	-	-	-
	09-Apr-01			-	<0.0005	0.052	0.024	<0.0001	20.2	-	0.0008	<0.0005	1.39	<0.0001	17.1	0.062	<0.01	2.3	<0.0001	7.2	-	-	-	-	-	-	-	-
	09-Apr-01		DUP	-	<0.0005	0.046	0.024	<0.0001	19.7	-	0.0011	<0.0005	1.14	<0.0001	16.8	0.051	<0.01	2.2	<0.0001	7.1	-	-	-	-	-	-	-	-
	09-Nov-17			-	0.0009	0.215	0.035	0.0004	30.3	0.016	0.0025	0.0039	11.3	0.0025	25.9	0.316	<0.01	4.7	<0.0001	9.2	-	-	-	0.132	-	-	-	-
	10-Jul-14			-	0.0008	0.031	0.054	<0.0001	11.8	<0.002	0.0009	-	1.26	0.0004	8.23	0.145	<0.01	2.3	<0.0001	3.5	-	-	-	-	-	-	-	-
	10-Nov-01			-	<0.0005	0.04	0.029	<0.0001	15.7	<0.002	0.0008	0.0043	1.24	0.0007	12.2	0.129	<0.01	4.4	<0.0001	4.8	-	-	-	0.011	-	-	-	-
	10-Nov-01		DUP	-	<0.0005	0.07	0.032	0.0002	10.4	0.004	0.0012	0.0066	2.17	0.0015	10.1	0.176	<0.01	3.3	<0.0001	4	-	-	-	0.031	-	-	-	-
	11-May-01			-	0.0006	0.051	0.037	0.00004	18.3	<0.002	0.0006	0.0009	1.57	0.00009	12.5	0.596	<0.01	3.7	<0.00002	4.2	-	-	-	0.022	-	-	-	-
	11-Nov-11			-	0.0002	0.045	0.028	<0.00002	<0.00002	<0.002	0.0002	0.007	0.207	0.00064	19.1	0.08	<0.01	1.9	0.00003	8.8	-	-	-	0.011	-	-	-	-
	12-Oct-18			-	0.0009	0.082	0.039	0.00033	19.1	0.021	0.002	0.004	5.46	0.00133	13.3	0.405	0.01	7.7	0.00007	4.2	-	-	-	0.058	-	-	-	-
	13-Oct-24			<0.00010	<0.0010	0.0493	0.055	<0.000090	23.1	<0.00050	<0.00050	0.0017	0.451	<0.00050	17.2	0.11	<0.0010	2.2	<0.00010	10.3	-	-	-	0.0144	-	-	-

Surface Water Sampling Location	Date Sampled	Sample ID	Alkalinity, total	Ammonia as N	Ammonia, unionized	Ammonia, Unionized (Field)[i]	BOD	Chemical Oxygen Demand	Dissolved Organic Carbon	Conductivity	Hardness	pH	Phenolics	Phosphorus, total	Phosphorus, total dissolved	Total Dissolved Solids	Total Suspended Solids	Total Kjeldahl Nitrogen	Chloride	Nitrate as N	Nitrite as N	Sulphate	Aluminum, dissolved
			Parameters																				
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µmho/cm	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RL (2022)			5	0.01	0.01	0.01	3	5	0.2	1	1	-	0.001	0.01	0.002	3	3	0.1	0.5	0.05	0.05	1	0.01
PWQO			(note a)		0.020	0.020						6.5-8.5	0.001	0.02									0.075[b]
Table A: Aquatic Protection Value (mg/L)					0.100	0.100						6.0-9.0	0.004[h]						180			100	
Table B: Canadian Water Quality Guideline (mg/L)													0.004[h]						128	2.9	0.06		
	14-Jun-17		181	0.07	0.00085	-	<2.0	100	31.7	523	-	7.85	<0.0010	0.544	-	317	9.2	2	47.8	0.2	<0.10	12.5	0.468
	14-Oct-22		194	0.191	0.00086	-	<2.0	155	47.8	488	-	7.96	0.0012	0.464	-	335	14.7	2.41	44.7	0.3	<0.10	24.9	1.83
	15-May-27		305	0.19	0.007	-	15	113	39.7	2570	-	7.8	0.006	0.36	0.04	1630	24	3.2	659	<0.10	< 0.05	20	0.027
	15-Nov-16		224	0.1	0.003	-	13	55	12.5	524	-	7.9	<0.001	0.13	0.05	305	31	1	11	2.9	< 0.05	30	0.269
	16-Dec-02		26	0.23	0.0004	-	15	102	21.3	114	-	6.6	<0.001	0.23	0.08	252	28	2.7	13	21.2	<0.05	27	0.613
	16-Dec-02		26	0.23	0.0005	-	11	101	16.7	348	-	6.7	<0.001	0.21	0.09	394	29	2.5	12	21.1	<0.05	28	0.428
	17-Aug-01	17-W019	255	0.08	0.004	<0.010	3	17	10.6	556	378	8	0.003	0.15	-	1130	48	1.2	28	4.5	<0.05	11	0.015
	17-Nov-01	17-W048	130	0.05	0.001	<0.010	<2	55	11.3	308	140	7.7	<0.001	0.14	-	236	18	1.2	9	2.5	<0.05	15	1.49
	18-May-01	18-W029	242	0.06	0.01	0.033	<2	32	14.2	520	288	8.65	<0.001	0.1	<	269	12	1	19.1	0.93	<0.05	17	0.06
	18-Nov-01	18-W044	87	0.13	<0.01	<0.010	3	54	15.9	491	152	7.76	0.004	0.45	0.31	254	28	2	52.8	7.35	<0.05	34	0.04
	19-May-08	19-W029	213	0.06	0.01	0.014	< 3	43	12.7	731	316	8.74	<0.001	0.12	0.063	381	6	1.4	85.9	4.58	<0.05	24	0.06
	19-Nov-27	19-W059	180	0.20	<0.01	<0.010	4	33	14.9	578	234	7.9	<0.001	0.17	0.120	300	75	1.3	55.6	2.39	<0.05	28	1.14
	20/Apr/08	20-W029	259	0.04	<0.01	<0.010	< 3	46	12.1	844	359	8.00	<0.001	0.24	0.137	445	28	1.3	95.2	1.78	<0.05	21	0.03
	20/Nov/18	20-W062	202	0.02	<0.01	<0.010	< 3	44	8.5	787	314	8.09	<0.001	0.27	0.124	413	60	1.6	95.5	2.55	<0.05	54	0.05
	21/May/18	21-W021	340	0.03	<0.01	<0.010	< 3	24	8	885	376	8.23	<0.001	0.13	0.052	468	5	0.9	16.3	1.55	<0.05	20	0.06
	21/Oct/28	21-W073	58	0.13	<0.01	<0.010	3	76	17.6	217	88	7.67	<0.001	0.13	0.346	111	19	0.5	15.3	2.19	<0.05	18	0.12
	22-May-11	22-W014	262	0.07	<0.01	<0.010	14	135	9.6	764	333	8.16	<0.001	0.86	0.041	400	280	4.3	98.1	0.89	<0.05	16	0.06
	22-Oct-31	22-W033	258	0.05	<0.01	<0.010	7	44	4.3	906	354	7.98	<0.001	0.29	0.093	480	110	1.3	115	<0.05	<0.05	32	0.06
SW15	09-Apr-01		38	<0.05	-	-	<2	56	16	81	-	8.80	-	0.26	-	35	46.0	1.9	1	<0.1	<0.1	1	1.66
	09-Nov-18		16	184	22.6	138	-	64	<5	729	-	1.30	-	1.01	-	76	300.0	7.4	2	<0.1	<0.1	1	1.03
	11-May-01		34	0.28	-	-	15	1320	22	73	-	20.00	-	1.72	-	40	290.0	6.7	<1	<0.1	<0.1	<1	6.84
	11-Dec-01		353	<0.01	<0.01	66	13	1.9	729	-	-	6.80	-	0.08	-	401	46.0	0.5	12	2.6	<0.1	25	2.94
	12-Oct-17		38	0.162	< 0.005	-	33	255	-	95	-	-	0.034	0.99	-	52	692.0	4.9	1.2	< 0.1	< 0.1	<1	41
	13-Oct-24		58	0.024	0.000038	-	2.8	150	54.9	121	-	6.73	0.0028	0.564	-	173	34.5	1.93	<2.0	<0.10	<0.10	<2.0	1.79
	14-Jun-17		89	0.052	0.000075	-	11	184	49.3	169	-	7.12	0.0029	1.11	-	182	115.0	4.44	<2.0	<0.10	<0.10	2.4	2.77
	14-Oct-22		84	<0.050	<0.00020	-	<12.0	159	44.1	162	-	7.09	<0.0010	0.379	-	145	50.0	3.2	<2.0	<0.10	<0.10	<2.0	0.32
	15-Nov-16		44	0.07	0.0007	-	6	102	21.9	142	-	7.3	<0.0010	0.29	0.09	251	29	2.8	3	1	ND (0.05)	14	0.86
	16-Nov-28		26	0.05	0.0002	-	2	43	10.7	268	-	7	0.002	0.13	0.02	254	28	1.7	8	15.3	<	21	0.212
	17-Aug-01	17-W003	71	0.06	0.0005	<0.010	3	42	13.6	132	65	7.2	0.003	0.16	-	140	7	1.6	<	<	<0.05	1	0.436
	17-Nov-01	17-W025	36	0.08	0.0007	<0.010	4	42	9.9	91	46	7.2	<0.001	0.41	-	348	49	2.6	2	1.2	<0.05	5	2.05
	18-May-01	18-W009	78	0.08	<0.01	<0.010	5	58	19.1	145	94	7.93	<0.001	0.16	0.02	74	12	1.5	0.7	<	<0.05	<	0.04
	18-Nov-01	18-W030	14	0.08	<0.01	<0.010	<2	36	2.3	80	37	7.1	<0.001	0.09	0.08	40	19	2.2	1.2	3.27	<0.05	7	0.05
	19-May-07	19-W002	49	0.07	<0.01	<0.010	<3	58	14.5	107	51	7.30	<0.001	0.16	0.039	54	16	1.6	0.9	< 0.05	<0.05	3	0.07
	19-Nov-26	19-W047	29	0.08	<0.01	<0.010	<3	28	9.3	72	30	7.17	<0.001	0.11	0.043	36	11	1.0	0.5	0.14	<0.05	4	0.47
	20/Apr/07	20-W001	54	0.05	<0.01	<0.010	4	42	10.1	120	74	7.12	<0.001	0.17	0.082	61	16	1.1	1.8	0.05	<0.05	1	0.68[k]
	20/Nov/17	20-W036	38	0.08	<0.01	<0.010	11	128	21.5	125	53	7.04	<0.001	0.55	0.087	63	135	5.2	2.4	0.31	<0.05	17	0.2
	21/May/19	21-W038	56	0.02	<0.01	<0.010	<3	120	11	113	58	7.21	0.002	0.10	0.05	57	10	1.7	1.1	0.07	<0.05	1	0.37
	21/Oct/28	21-W060	26	0.22	<0.01	<0.010	<3	146	41.6	105	51	7.13	<0.001	0.18	0.09	53	11	2.5	4	0.41	<0.05	13	0.44
	22-May-12	22-W023	47	<0.01	<0.01	<0.01	<3	117	43.8	101	52	6.70	<0.001	0.11	0.048	51	8	1.4	<	0.12	<0.05	<	0.27
	22-Nov-02	22-W061	66	0.08	<0.01	<0.01	<3	199	74.8	161	79	7.29	0.001	0.1	0.023	82	<	2.3	3.9	0.14	<0.05	7	0.33
SW16	12-Apr-16		307	0.01	<0.01	-	2	9	2.1	691	-	8.40	-	0.04	-	380	12.0	0.6	15.4	4.6	<0.1	24	1.39
	12-Oct-18		343	< 0.005	< 0.005	-	8	116	-	753	-	-	< 0.001	0.06	-	414	250.0	0.7	17.1	2	< 0.1	27	0.87
	13-Jul-24		406	<0.050	<0.00084	-	<2.0	<10	-	748	-	8.20	<0.0010	0.072	-	462	60.4	0.3	13.2	2.37	<0.10	27.1	1.21
	13-Oct-24		351	0.109	0.000495	-	7.4	13	9.2	714	-	7.79	<0.0010	0.15	-	388	333.0	0.66	23.9	2.59	<0.10	23	2.91
	14-Jun-17		342	<0.050	<0.00024	-	<2.0	21	2.8	817	-	7.81	0.0011	0.0539	-	458	16.4	0.64	48.3	3.17	<0.10	40.9	0.338
	14-Oct-22		369	<0.050	<0.00087	-	<2.0	32	1.6	782	-	7.79	0.0013	0.041	-	441	33.3	0.18	40.9	1.61	<0.10	29	0.833
	16-Dec-02		88	0.06	0.0005	-	<	45	9	339	-	7.3	<0.001	0.3	0.16	312	19	1.5	10	8	<	25	0.419
	17-Aug-01	17-W015	465	0.02	0.0005	<0.010	<2	<10	4.1	853	475	7.7	<0.001	0.03	-	484	<2	0.1	32	1.5	<0.05	21	0.03
	17-Nov-01	17-W045	432	0.03	0.001	<0.010	<2	<10	1.8	873	426	7.8	<0.001	0.04	-	476	7	0.3	47	1	<0.05	17	0.055
	18-May-01	18-W024	396	0.01	<0.01	<0.010	<2	5	3.7	871	445	8.08	<0.001	0.04	0.02	460	<3	0.2	39.9	2.59	<0.05	21	0.06
	18-Nov-01	18-W043	76	0.22	0.02	0.019	16	73	10.4	383	158	7.52	0.004	0.82	0.18	197	70	5.1	26.9	14.3	0.05	8	0.03
	19-May-08	19-W023	282	0.03	<0.01	<0.010	<3	5	5.6	748	407	8.06	<0.001	0.03	0.020	391	4	0.3	27.4	12.9	<0.05	18	0.05
	19-Nov-27	19-W056	335	<0.01	<0.01	<0.010	<3	<5	3.7	804	390	7.87	<0.001	0.03	0.014	422	6	0.3	36.3	6.47	<0.05	22	0.05
	20/Apr/08	20-W021	338	<0.01	<0.01	<0.010	<3	5	3.4	818	436	7.95	0.001	0.03	0.031	430	< 3	0.3	33.5	5.04	<0.05	21	0.04
	20/Nov/18	20-W054	319	<0.01	<0.01	<0.010	<3	<5	3	822	411	8.03	<0.001	0.03	0.021	433	30	0.3	45.0	6.99	<0.05	25	0.05
	21/May/18	21-W025	365	<0.01	<0.01	<0.010	<3	<5	4.5	799	412	8.04	<0.001	0.03	0.01	420	< 3	0.2	10.9	0.29	<0.05	10	0.05
	21/Oct/28	21-W065	294	0.02	<0.01	<0.010	<3	6	4.3	670	361	8.45	<0.001	0.1	0.035	348	6	0.8	25.2	8.13	<0.05	18	0.17
	22-May-11	22-W015	366	<0.01	<0.01	<0.010	<3	8	3.2	801	402	8.05	<0.001	0.04	<	421	14	0.3	29.4	7.41	<0.05	25	0.06
	22-Nov-02	22-W055	381	<0.01	<0.01	<0.010	<3	5	1.8	917	445	7.92	<0.001	0.05	0.011	487	8	0.5	46.4	1.27	<0.05	24	0.05

Surface Water Sampling Location	Date Sampled	Sample ID	Mercury	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Strontium	Uranium	Vanadium	Zinc	pH (field)	Temperature (field)	Dissolved Oxygen (field)	Conductivity (field)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH Units	°C	mg/L	mS/cm
RL (2022)			0.00002	0.0001	0.0001	0.005	0.000015	0.02	0.001	0.0001	0.0001	0.05	0.00002	0.02	0.001	0.01	0.1	0.0001	0.2	0.001	-	0.0001	0.005	-	-	-
PWQO			0.0002	0.005		0.200	(note c)		(note d)	0.0009	(note e)	0.3	(note f)			0.025		0.0001				0.006	0.02	6.5 - 8.5		(note g)	
Table A: Aquatic Protection Value (mg/L)				0.15	2.3	3.550	0.00021		0.064		0.0069	1	0.002										0.089	6.0 - 9.0			
Table B: Canadian Water Quality Guideline (mg/L)			0.000026			1.5	0.000017																0.030				
	14-Jun-17		<0.00010	<0.0010	0.042	0.055	<0.000090	48.8	0.00126	0.00067	0.0015	1.15	<0.00050	24	0.156	0.0023	2.7	<0.00010	23.1	-	-	-	0.0054	-	-	-	-
	14-Oct-22		<0.00010	<0.0010	0.0635	0.018	<0.000090	18.2	0.00334	0.00102	0.0058	2.23	0.00082	10.3	0.0335	0.0037	13.5	<0.00010	7.38	-	-	-	0.0113	-	-	-	-
	15-May-27		0.0001	0.003	0.275	0.071	nd	179	nd	0.001	0.0024	0.68	0.0005	121	0.144	0.003	6.71	nd	223	1.3	-	0.0111	nd	-	-	-	-
	15-Nov-16		nd	nd	0.086	0.041	nd	54.9	nd	nd	0.0027	0.459	0.0004	26.8	0.02	0.001	3.06	nd	14.1	0.344	-	0.0036	nd	-	-	-	-
	16-Dec-02		0.0001	0.001	0.165	0.024	0.0001	23.8	0.01	0.0023	0.0087	4.7	0.0025	13.3	0.073	0.007	7.37	<0.0001	7.64	0.185	-	0.0129	0.039	-	-	-	-
	16-Dec-02		0.0001	0.001	0.166	0.014	0.0001	21.4	0.01	0.0023	0.0079	4.69	0.0024	13	0.069	0.006	7.03	<0.0001	7.49	0.162	-	0.0128	0.038	-	-	-	-
	17-Aug-01	17-W019	<0.0001	<0.001	0.075	0.04	<0.0001	102	0.001	0.0006	0.0029	0.44	0.0003	29.9	0.116	0.002	2.55	<0.0001	21.6	0.363	0.0011	0.0044	0.01	8.23	24.90	12.59	0.528
	17-Nov-01	17-W048	<0.0001	<0.001	0.066	0.033	<0.0001	51.4	0.01	<0.0005	0.0037	0.558	0.0008	15.1	0.017	0.002	2.57	<0.0001	9.11	0.186	0.0007	0.0032	0.012	7.16	2.61	5.50	0.313
	18-May-01	18-W029	0.00002	0.001	0.075	0.059	0.000025	61.8	0.001	0.0004	0.0035	0.595	0.00034	32.5	0.034	<0.002	2.5	<0.0001	23	0.393	-	0.005	0.023	9.36	23.96	21.3	0.591
	18-Nov-01	18-W044	0.00002	0.0007	0.085	0.009	0.000081	35	0.004	0.0013	0.0048	2.59	0.00152	15.6	0.046	0.0034	6.9	<0.0001	23.2	0.188	-	0.005	0.027	8.52	4.00	3.19	0.497
	19-May-08	19-W029	0.00002	0.0007	0.080	0.088	0.000023	70.6	0.002	0.0003	0.0031	0.441	0.00024	33.9	0.012	<0.01	5.0	<0.0001	44.4	0.389	-	< 0.005	< 0.005	8.95	17.69	>19.99	0.803
	19-Nov-27	19-W059	0.00002	0.0005	0.080	0.061	0.000032	51.2	0.003	0.0006	0.0041	1.44	0.00061	25.7	0.030	0.0029	5.9	0.0002	27.1	0.313	-	0.0040	0.013	8.21	4.01	10.38	0.602
	20/Apr/08	20-W029	0.00002	0.0007	0.116	0.099	0.000031	84.5	0.003	0.0009	0.0039	2.01	0.00089	36.0	0.092	<0.01	6.2	<0.0001	42.2	0.397	-	0.0050	0.020	8.46	10.49	13.18	0.344
	20/Nov/18	20-W062	0.00002	0.0007	0.120	< 0.005	0.000029	68.8	0.004	0.0014	0.0055	2.46	0.00095	34.2	0.130	<0.01	5.3	<0.0001	43	0.420	-	0.0058	0.015	7.31	0.18	3.97	0.826
	21/May/18	21-W021	0.00002	0.0006	0.061	0.027	< 0.000015	71.5	<0.001	0.0003	0.0017	0.306	0.00012	38.0	0.093	0.04	2.1	<0.0001	43.1	0.414	-	0.0022	0.114	8.05	21.42	7.28	0.871
	21/Oct/28	21-W073	0.00002	0.0006	0.086	0.026	0.00003	20.2	0.005	0.0014	0.0074	3.98	0.00158	10.1	0.046	<0.01	5.8	<0.0001	8.4	0.122	-	0.0077	0.029	7.02	8.88	6.74	0.211
	22-May-11	22-W014	0.00002	0.0013	0.140	0.033	0.000083	73.1	0.011	0.0038	0.0083	6.25	0.00337	36.6	0.521	<0.01	4.9	<0.0001	39.7	0.404	-	0.0145	0.030	7.85	19.6	14.43	0.639
	22-Oct-31	22-W033	0.00002	0.0006	0.129	0.021	0.000032	79.4	0.004	0.0017	0.0044	3.06	0.00115	37.8	0.243	<0.01	3.4	<0.0001	51.8	0.466	-	0.0063	0.020	6.6	6.75	9.48	0.804
SW15	09-Apr-01		<0.0001	0.04	0.01	0.0001	4.81			<0.0005	<0.0005	2.01	<0.0001	4.24	0.025	<0.01	3.7	<0.0001	2.7	-	-	-	-	-	-	-	-
	09-Nov-18		-	<0.0005	0.038	0.022	0.0002	10.7	0.004	0.0008	0.0027	2.4	0.0012	8.22	0.07	<0.01	6	0.0001	5.5	-	-	-	-	-	-	-	-
	11-May-01		-	0.0004	0.269	0.018	0.00003	15.8	0.013	0.0004	0.0012	8.09	0.00021	10.7	0.302	<0.01	5.2	<0.00002	3.8	-	-	-	-	-	-	-	-
	11-Dec-01		-	0.0002	0.113	0.005	<0.00002	89.7	0.007	<0.0001	0.0009	3.1	0.00004	51.9	0.044	<0.01	1.6	<0.00002	17.5	-	-	-	-	-	-	-	-
	12-Oct-17		< 0.0002	0.0005	0.606	0.046	-	26.4	0.0013	< 0.005	0.0014	48.4	0.00012	22.9	0.611	0.16	13.8	< 0.005	3.9	-	-	-	0.471	-	-	-	-
	13-Oct-24		<0.00010	<0.0010	0.0304	0.02	0.000165	8.84	0.00271	0.00112	0.0033	1.87	0.0007	9.33	0.0782	0.0025	6.2	<0.00010	4.7	-	-	-	0.0255	-	-	-	-
	14-Jun-17		<0.00010	0.0012	0.0928	0.019	0.000218	16.8	0.00406	0.00236	0.0039	2.81	0.00138	14.3	0.269	0.004	4.5	<0.00010	5.12	-	-	-	0.0287	-	-	-	-
	14-Oct-22		<0.00010	<0.0010	0.0358	0.018	<0.000090	10.6	0.00092	0.00114	0.0028	1.59	<0.00050	11.9	0.126	0.0021	6.3	<0.00010	4.18	-	-	-	0.0227	-	-	-	-
	15-Nov-16		nd	nd	0.049	0.017	nd	nd	0.002	0.0008	0.0072	1.17	0.0015	5.17	0.011	0.003	2.4	nd	4	0.068	-	0.0038	0.01	-	-	-	-
	16-Nov-28		<0.0001	<0.001	0.051	<0.01	<0.001	11.5	<0.0001	<0.0005	0.002	0.376	0.0003	12.3	<0.005	<0.001	1.72	<0.0001	9.82	0.147	-	0.0015	0.005	-	-	-	-
	17-Aug-01	17-W003	<0.0001	0.001	0.03	0.029	<0.0001	9.88	0.001	0.0006	0.0019	1.19	0.0003	9.89	0.054	0.002	2.29	<0.0001	4.07	0.13	0.0001	0.0021	0.005	5.62	22.36	6.64	0.120
	17-Nov-01	17-W025	<0.001	<0.001	0.115	0.012	<0.001	5.2	0.001	0.0011	0.0062	1.43	0.0023	6.14	0.033	0.002	2.03	<0.0001	3.19	0.079	0.0003	0.0051	0.02	7.04	11.37	11.37	0.107
	18-May-01	18-W009	<0.00002	0.0006	0.043	<	< 0.000015	15.1	0.001	0.0005	0.0013	1.43	0.00037	13.8	0.021	0.0019	1	<0.0001	7.1	0.193	-	<	0.026	6.85	20.08	10.12	0.185
	18-Nov-01	18-W043	<0.00002	0.0005	0.091	0.023	0.000117	4.88	0.008	0.002	0.0063	5.56	0.00226	6.05	0.049	0.0056	2.5	<0.0001	3	0.063	-	0.009	0.036	8.73	19.19	3.95	0.662
	19-May-07	19-W002	<0.00002	0.0007	0.099	0.048	0.000053	17.2	0.006	0.0013	0.0050	4.11	0.00137	9.81	0.047	<0.01	2.4	<0.0001	5.3	0.156	-	0.005	0.013	6.79	15.67	5.65	0.200
	19-Nov-26	19-W047	<0.00002	0.0002	0.032	0.010	0.000033	6.22	0.002	0.0004	0.0035	1.16	0.00051	4.21	0.023	<0.01	1.7	0.0001	2.1	0.055	-	< 0.005	0.015	8.95	4.4	7.61	0.1
	20/Apr/07	20-W001	<0.00002	0.0004	0.064	0.056	0.000020	15.2	0.003	0.0007	0.0023	1.99	0.00075	8.66	0.080	<0.01	2.5	<0.0001	4.3	0.129	-	< 0.005	0.035	6.57	5.83	13.25	0.182
	20/Nov/17	20-W036	<0.00002	0.0006	0.127	<0.005	0.000089	10.1	0.008	0.0019	0.0080	5.69	0.00243	9.27	0.105	<0.01	3.4	<0.0001	5.3	0.136	-	0.0082	0.030	7.39	4.76	10.03	0.113
	21/May/19	21-W038	<0.00002	0.0001	0.028	0.019	0.000040	12.5	0.002	0.001	0.0026	2.19	0.0006	7.57	0.065	<0.01	1	<0.0001	5.2	0.12	-	0.0032	0.010	7.95	16.68	4.06	0.170
	21/Oct/28	21-W060	<0.00002	0.0006	0.041	0.025	0.000036	9.99	0.003	0.001	0.0051	1.96	0.00123	6.65	0.045	<0.01	4.6	<0.0001	3.8	0.079	-	0.0042	0.026	6.52	7.57	10.14	0.107
	22-May-12	22-W023	<0.00002	0.0001	0.028	0.013	0.000169	10.2	0.002	0.002	0.0025	1.66	0.00065	6.55	0.153	<0.01	1.5	<0.0001	3.9	0.11	-	0.0034	0.016	8.14	13.32	2.84	0.08
	22-Nov-02	22-W061	<0.00002	0.0008	0.05	<0.005	0.000042	15.1	0.002	0.0005	0.0041	1.21	0.00043	10.1	0.017	<0.01	1.9	<0.0001	5.6	0.144	-	0.0028	0.016	7.96	15.25	8.04	0.133
SW16	12-Apr-16		<0.00002	0.0004	0.076	<0.005	<0.00002	-	0.0017	-	0.0011	1.24	<0.00002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12-Oct-18		< 0.00002	0.0003	0.095	< 0.005	< 0.00002	91.8	0.01	0.0005	< 0.002	0.823	0.00063	49.2	0.031	< 0.01	0.9	0.00003	18.1	-	-	-	0.005	-	-	-	-
	13-Jul-24		<0.00010	<0.0010	0.119	<0.010	<0.000090	93.8	0.00284	<0.00050	0.0013	0.866	0.00053	39.3	0.0174	<0.0010	1.2	<0.00010	14.2	-	-	-	0.0074	-	-	-	-
	13-Oct-24		<0.00010	<0.0010	0.121	0.012	<0.000090	88.7	0.00648	0.00141	0.0059	3.79	0.00162	41.6	0.142	0.0029	2.2	<0.00010	17.4	-	-	-	0.0692	-	-	-	-
	14-Jun-17		<0.00010	<0.0010	0.0958	0.011	<0.000090	89.4	0.00116	<0.00050	<0.0010	0.346	<0.00050	46.7	0.0201	<0.0010	1.6	<0.00010	17.5	-	-	-	<0.0030	-	-	-	-
	14-Oct-22		<0.00010	<0.0010	0.104	0.012	<0.000090	81	0.00196	<0.00050	0.0

Appendix J
Borehole Logs

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH101**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

DRILLING METHOD: **Hollow Stem Auger**

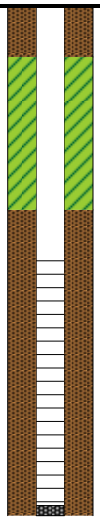
SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW101**
WELL TAG#: **A214566**
GROUND SURFACE ELEV.: **100.771**
TOP ELEVATION: **101.723**

DATUM: **NAD 83 Zone 18**
EASTING: **415427**
NORTHING: **4916927**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Well Construction



Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Fill**	I		-	-	-
	Sand					
	Clay		Moist	S01	50	4
	some silt, brown, soft					
1	organic debris at 0.8m			S02	10	3
	organic debris at 1.4m			S03	40	5
2			Wet	S04	50	6
3	granite chunks in end of spoon			S05	50	100
	End of borehole at refusal (3.1m)					
4						
5						
6						
7						

CGI (% LEL): 0 50 100

PID (ppm): 1 10 100 1000

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
1.5m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: dry
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
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Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH102**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

DRILLING METHOD: **Hollow Stem Auger/Air Hammer**

SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW102**
WELL TAG#: **A214609**
GROUND SURFACE ELEV.: **97.491**
TOP ELEVATION: **98.342**

DATUM: **NAD 83 Zone 18**
EASTING: **416173**
NORTHING: **4917048**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Topsoil** black, abundant		Dry	S01	58	7
	Silty Clay grey, dense			S02	100	14
1				S03	100	10
2			Wet	S04	100	19
			Saturated	S05	100	13
3	silt and sand lense at 2.8m split spoon refusal at 3.8m auger refusal at 4.0m			S06	50	31
	Sand and Gravel coarse			S07	100	17
4	**Bedrock** granite			-	-	-
5						
6	fracture/void at 6.1m					
	centralizer installed at 6.7m		I	-	-	-
7						
8						
9	End of borehole at target depth (9.1m)					

CGI (% LEL): 0 50 100
PID (ppm): 1 10 100 1000

Notes: Well Construction Details
aboveground casing
38mm schedule 40 PVC
0.25mm slotted screen
2.7m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: --
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
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Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH103**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

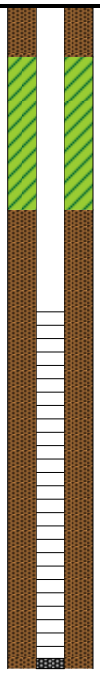
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW103**
WELL TAG#: **A214609**
GROUND SURFACE ELEV.: **97.554**
TOP ELEVATION: **98.391**

DATUM: **NAD 83 Zone 18**
EASTING: **416173**
NORTHING: **4917048**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-19	AP	AP

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**see BH102 for details**							
	1									
	2				—	-	-	-		
	3									
	4		End of borehole at refusal (4.0m)							
	5									
	6									
	7									

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
2.1m screen
#2 sand

Groundwater Monitoring Details
monitored on September 19, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 2.48
depth to bottom*: 4.42

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH104**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

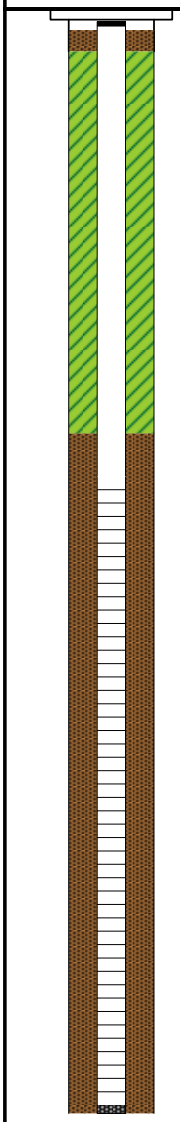
DRILLING METHOD: **Hollow Stem Auger/Air Hammer**

SAMPLING METHOD: **Spiltspoon**

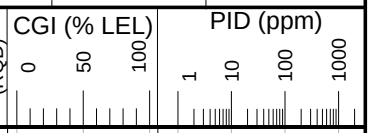
WELL ID: **MW104**
WELL TAG#: **A214605**
GROUND SURFACE ELEV.: **97.085**
TOP ELEVATION: **96.95**

DATUM: **NAD 83 Zone 18**
EASTING: **416367**
NORTHING: **4917233**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP



Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0	**Topsoil**					
	Silty Clay some sand, trace oragnics, grey		Moist	S01	80	4
1			Wet	S02	100	14
	Clay splitspoon refusal at 1.3m			S03	100	50
	Bedrock granite, red and black					
2						
3						
4	fracture at 4.4m					
	fracture at 4.7m		I	-	-	-
5						
	fracture at 5.8m					
6						
7						
8	End of borehole at target depth (8.1m)					



Notes:

Well Construction Details
aluminum flushmount casing
38mm schedule 40 PVC
0.25mm slotted screen
4.6m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 1.62
depth to bottom*: 7.95

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH105**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

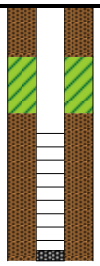
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Not Sampled**

WELL ID: **MW105**
WELL TAG#: **A214605**
GROUND SURFACE ELEV.: **97.241**
TOP ELEVATION: **98.065**

DATUM: **NAD 83 Zone 18**
EASTING: **416367**
NORTHING: **4917233**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**See BH104 for details**		I	-	-	-		
	1									
			End of borehole at refusal on bedrock (1.5m)							
	2									
	3									
	4									
	5									
	6									
	7									

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
0.8m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 1.79
depth to bottom*: --

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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308 Wellington Street
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613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH106**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **CME 55**

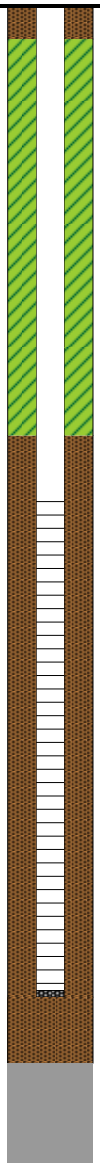
DRILLING METHOD: **Hollow Stem Auger**

SAMPLING METHOD: **Spiltspoon**

WELL ID: **MW106**
WELL TAG#: **A214604**
GROUND SURFACE ELEV.: **95.931**
TOP ELEVATION: **96.812**

DATUM: **NAD 83 Zone 18**
EASTING: **416285**
NORTHING: **4916099**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
AP	BC	RKI Eagle 2 CGI and PID	2017-09-20	AP	AP



Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)
0		**Silty Clay** grey with brown mottling, trace organics		Moist	S01	100	9
1					S02	100	17
		light mottling at 1.5m			S03	100	18
2					S04	100	26
		trace silt at 2.5m wet zone at 2.8m soft from 3.0m to 3.2m			S05	100	6
3					S06	100	3
4					S07	100	10
		soft at 4.3m			S08	100	4
5		some sand at 5.0m			S09	100	8
6				Wet	S10	100	4
		voids/pockets at 6.5m			S11	100	6
7		intermittent sand lenses from 7.3m to 8.5m			S12	100	11
					S13	100	10
8		silt at 8.2m			S14	100	39
9		**Sand** some silt		Saturated	S15	50	10
		flowing sand at 9.5m			-	30	-
10					-	-	
		End of borehole at target depth (10.7m)					

Notes: Well Construction Details
aboveground casing
50mm schedule 40 PVC
0.25mm slotted screen
4.6m screen
#2 sand

Groundwater Monitoring Details
monitored on September 20, 2017
CGI: nr
CGI(ME): nr
PID: nr

depth to water*: 5.15
depth to bottom*: 10.09

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

MALROZ
ENGINEERING INCORPORATED

308 Wellington Street
2nd Floor
Kingston, ON K7K 7A8
Canada

613-548-3446
www.malroz.com

PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH107**

DRILLING CONTRACTOR: **Strata Drilling Group**

DRILLING EQUIPMENT: **GM100GT**

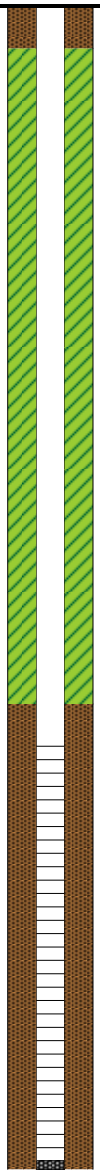
DRILLING METHOD: **Diamond Coring (NQ)**

SAMPLING METHOD: **Not Sampled**

WELL ID: **MW107**
WELL TAG#: **A215856**
GROUND SURFACE ELEV.: **-**
TOC ELEVATION: **-**

DATUM: **NAD 83 Zone 18**
EASTING: **416478**
NORTHING: **4916964**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
BC	BC	RKI Eagle 2 CGI and PID	2/6/2018	ZL	AP



Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	RQD	FF (per m)
0		**Silty Clay** brown, mottled, trace organics		Moist		100	100	
1								
2		**Bedrock** granite, mafic, competent		–		100	100	0
3						75	75	1
4		0.1 m fracture at 4.0 m						
5						100	100	0
6		fracture at 6.4 m fracture at 6.6 m				97	97	2
7						100	100	0
8		fracture at 8.0 m End of borehole at target depth (8.3 m)				100	100	1

CGI (% LEL): 0 50 100

PID (ppm): 1 10 100 1000

Notes: Well Construction Details
steel flushmount casing
32mm schedule 40 PVC
0.25mm slotted screen
3.0m screen
#1 sand

Groundwater Monitoring Details
monitored on -
CGI: -
CGI(ME): -
PID: -

depth to water: -
depth to bottom: -

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH201**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **Track Mounted CME 55**

DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW201**
WELL TAG#:
GROUND SURFACE ELEV.: **96.59**
TOP ELEVATION: **97.37**

DATUM: **18T NAD 83**
EASTING: **383659**
NORTHING: **4901629**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Depth (meters)	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL)	PID (ppm)
0	**Clay** cornfield cover, trace sand, trace silt, brown		Damp	S01	100	4		
1			Damp	S02	75	18		
			Moist	S03	100	5		
2	**Silt** some clay, trace sand, grey-brown		Moist	S04	100	29		
	Sand coarse, light brown		Saturated	S05	83	51		
3			Saturated	S06	100	R		
	Bedrock							
4								
5								
6								
	End of borehole at target depth (6.3 m)							
7								

CGI (% LEL): 0, 50, 100
PID (ppm): 1, 10, 100, 1000

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019
CGI: nr
CGI (ME): -
PID: nr

depth to water*: 4.50 m
depth to bottom*: 6.79 m

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH202**

DRILLING CONTRACTOR: **Canadian Environmental Drilling Contractors Inc.**

DRILLING EQUIPMENT: **Track Mounted CME 55**

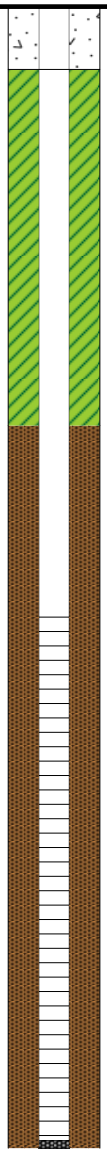
DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW202**
WELL TAG#:
GROUND SURFACE ELEV.: **96.6**
TOP ELEVATION: **97.36**

DATUM: **18T NAD 83**
EASTING: **383693**
NORTHING: **4901635**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Well Construction	Depth (meters)	Lithology	Description	Type	Moisture	Sample	% REC	Blows/Ft (RQD)	CGI (% LEL) 0 50 100	PID (ppm) 1 10 100 1000
	0		**Clay** cornfield cover, trace sand, trace silt, grey-brown							
	1									
	2		**Silt** trace clay, grey-brown							
	3		**Sand** trace silt, brown							
			End of borehole at auger refusal (3.3 m)							

Notes: Well Construction Details
aboveground casing
38 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019
CGI: nr
CGI (ME): -
PID: nr

depth to water*: 1.40 m
depth to bottom*: 4.16 m

* measurements taken from top of piezometer

THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

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PROJECT: **Lansdowne Waste Disposal Site**

CLIENT: **Township of Leeds and the Thousand Islands**

BOREHOLE LOG: **BH203**

DRILLING CONTRACTOR: **Canadian Environmental Drilling**

DRILLING EQUIPMENT: **Track Mounted CME 55**

DRILLING METHOD: **Auger**

SAMPLING METHOD: **Split Spoon**

WELL ID: **MW203**
WELL TAG#:
GROUND SURFACE ELEV.: **95.96**
TOC ELEVATION: **96.79**

DATUM: **18T NAD 83**
EASTING: **383682**
NORTHING: **4901614**

LOGGED BY:	INPUT BY:	FIELD INSTRUMENT(S):	DATE DRILLED:	VALIDATED BY:	CHECK:
RF	RF		October 29, 2019		

Depth (meters)	Description	Type	Sample	% REC	RQD	FF (per m)
0–1	**Clay** vegetation cover, trace silt, grey-brown		S01, S02, S03			
2	**Clayey Silt** trace sand, light brown					
3–4	**Clay** trace silt, grey-brown					
5–10	**Silt** trace clay, trace sand, grey					
11–13	**Sand** trace silt, grey-brown			42		2
14–17	**Bedrock**					
18	End of borehole at target depth (17.2 m)					

Moisture

CGI (% LEL): 0, 50, 100

PID (ppm): 1, 10, 100, 1000

Notes: Well Construction Details
aboveground casing
50 mm schedule 40 PVC
0.25 mm slotted screen
1.5 m screen
#2 sand

Groundwater Monitoring Details
monitored on November 13, 2019 depth to water: 1.11 m
CGI: 240 ppm depth to bottom: 15.57 m
CGI (ME): 350 ppm
PID: nr

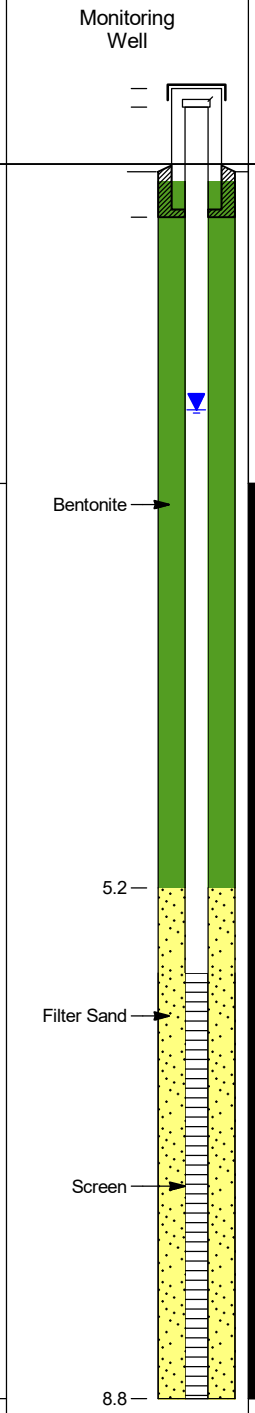
THIS BOREHOLE LOG MUST BE READ TOGETHER WITH THE ACCOMPANYING REPORT

WELL LOG

Enclosure No.: A331662

Project Name: **1037 - Lansdowne**		Project Number: **1037**
Client: **Township of Leeds and the Thousand Islands**	Well Number: **BH301**	Page: **1 of 1**
Location: **Lansdowne Waste Disposal Site**	Date Started: **2021 July 19**	Datum: **NAD 83 UTM Zone 18N**
Drilling Contractor: **Canadian Environmental Drilling Contractors Inc**	Date Finished: **2021 July 19**	Elevation:
Drilling Equipment: **CME 55LC**	Easting:	Northing:
Drilling and Sampling Method: **150mm Solid-Stem Augers**	Logged By: **M. Wright**	Checked By: **J. Pyke**

Depth BGS (m)	Elevation (m)	Stratigraphy	Description	Monitoring Well	Sample Type	Sample Number	Recovery (%)	Penetration Index / RQD
0.2			**Clay** brown, moist.					
0.4								
0.6								
0.8								
1.0								
1.2								
1.4								
1.6								
1.8								
2.0								
2.2								
2.4			**Bedrock (Red Granite)**.	Bentonite				
2.6								
2.8								
3.0								
3.2								
3.4								
3.6								
3.8								
4.0								
4.2								
4.4								
4.6								
4.8								
5.0								
5.2				5.2				
5.4								
5.6								
5.8								
6.0				Filter Sand				
6.2								
6.4								
6.6								
6.8								
7.0								
7.2				Screen				
7.4								
7.6								
7.8								
8.0								
8.2								
8.4								
8.6								
8.8				8.8				
9.0			End of borehole at target 8.84 m.					



NOTES:

Well Construction Details
stick-up with aluminum monument
38.1 mm Sch. 40 PVC
2.54 mm slotted screen
3.05 m screen
#1 sand

Groundwater Monitoring Details
monitored on 2021 August 31
DTW[1]: 1.8 m
DTB[1]: 8.8 m
[1]depths are reported from TOP

- combustible and organic vapour values of 0 indicate no response on the instrument or below the lower explosive limit

Appendix K
Reasonable Use Limits

Appendix K
Reasonable Use Calculation - Overburden Wells

Sample ID	Sample Location	Sampling Date	Chloride	Barium	Boron	Iron	Manganese	Alkalinity, total	Dissolved Organic Carbon	Hardness	Total Dissolved Solids	Nitrate as N	Nitrite as N	Sulphate	Mercury	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Sodium	Uranium	Zinc
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
PWQO	**-**	**-**			**0.2**	**0.3**									**0.2**	**0.075**	**0.005**	**0.0001**		**5.0**	**5.0**			**6.0**
ODWS	**-**	**-**	**250**	**1.0**	**5.0**	**0.3**	**0.05**	**500**	**5.0**	**100**	**500**	**10**	**1.0**	**500**	**0.001**	**0.1**	**0.01**	**0.005**	**0.05**	**1.0**	**0.01**	**200**	**0.02**	**5.0**
11-4-2011-11-11	11-4	11-Nov-11	9	0.13	0.01	0.063	0.022	319	1.8	-	371	0.7	0.1	29	-	0.21	0.0004	0.00002	0.002	0.002	0.00014	19	-	0.005
11-4-2012-04-25	11-4	12-Apr-25	5.3	0.087	0.01	0.062	0.031	374	1.2	-	412	0.4	0.1	32	0.00008	0.13	0.0002	0.00002	0.0012	0.002	0.00005	14.6	-	0.005
11-4-2012-10-10	11-4	12-Oct-10	47.5	0.112	0.02	0.099	0.071	375	2.6	-	489	0.3	0.1	42	0.00002	0.17	0.0008	0.005	0.002	0.002	0.00011	22.1	-	0.005
11-4-2013-07-24	11-4	13-Jul-24	9	0.1	0.01	0.05	0.0227	358	3.4	-	430	0.2	0.1	21.4	0.0001	0.01	0.001	0.00009	0.0005	0.0015	0.0005	24.9	-	0.003
11-4-2013-10-24	11-4	13-Oct-24	6.6	0.0617	0.01	0.05	0.0108	325	3.5	-	316	0.35	-	16.4	0.0001	-	-	-	-	-	0.0005	40.6	-	-
11-4-2014-06-18	11-4	14-Jun-18	2.5	0.068	0.01	0.05	0.0549	400	2.1	-	377	0.1	0.1	15.1	0.0001	0.01	0.001	0.00009	0.0005	0.001	0.0005	26.4	-	0.003
11-4-2014-10-22	11-4	14-Oct-22	4.3	0.0883	0.01	0.143	0.0788	439	2.7	-	421	0.19	0.1	20.2	0.0001	0.01	0.001	0.00009	0.0005	0.001	0.0005	44	-	0.003
11-4-2015-05-06	11-4	15-May-06	5	0.077	0.01	0.05	0.009	420	2.9	-	446	0.2	0.05	23	0.0001	0.015	0.001	0.001	0.001	-	0.0005	28.8	-	0.003
11-4-2015-11-16	11-4	15-Nov-16	8	0.088	0.02	0.05	0.023	408	2.5	-	386	0.5	0.05	31	0.0001	0.002	0.001	0.001	0.001	0.0007	0.0001	19	-	0.003
11-4-2016-11-28	11-4	16-Nov-28	4	0.107	0.01	0.1	0.005	212	4.6	-	924	102	0.05	13	0.0001	0.054	0.001	0.001	0.001	0.001	0.0001	31.2	-	0.003
17-W012	11-4	17-Aug-03	2	0.059	0.01	0.05	0.013	278	9.8	300	536	21.5	0.025	6	0.00005	0.002	0.0005	0.0005	0.0005	0.004	0.00005	20	0.001	0.0025
17-W033	11-4	17-Nov-23	2	0.064	0.02	0.05	0.0025	306	4.8	320	466	22.9	0.025	9	0.00005	0.006	0.0005	0.0005	0.0005	0.0022	0.00005	18.7	0.0016	0.0025
18-W022	11-4	18-May-24	2.6	0.067	0.0025	0.0025	0.003	278	15.4	346	355	18.8	0.06	11	0.00001	0.05	0.0002	0.0000075	0.0005	0.0018	0.00001	17.8	0.00154	0.0025
18-W023	11-4	18-May-24	2.6	0.068	0.0025	0.0025	0.003	288	4.4	351	359	19	0.025	11	0.00001	0.05	0.0002	0.0000075	0.0005	0.0018	0.00001	17.6	0.00158	0.0025
18-W040	11-4	18-Nov-26	4.1	0.036	0.0025	0.016	0.0005	113	13.5	211	249	26.6	0.025	10	0.00001	0.02	0.0003	0.0000075	0.0005	0.0036	0.00004	9.5	0.00056	0.0025
18-W046	11-4	18-Nov-26	3.1	0.033	0.0025	0.027	0.0005	82	15.6	172	205	23.5	0.025	9	0.00001	0.03	0.0003	0.0000075	0.003	0.0041	0.00004	7.2	0.00029	0.0025
19-W006	11-4	19-May-07	1.8	0.038	0.0025	0.009	0.004	186	16.9	246	265	13.9	0.11	8	0.00001	0.04	0.0002	0.0000075	0.0005	0.0063	0.00005	12.9	0.0007	0.0025
19-W007	11-4	19-May-07	1.9	0.043	0.0025	0.0025	0.0005	191	8.5	258	278	16.3	0.025	8	0.00001	0.04	0.0002	0.0000075	0.001	0.0034	0.00001	12.0	0.00069	0.0025
19-W043	11-4	19-Nov-13	0.9	0.061	0.0025	0.0025	0.0005	208	10.4	322	325	23.2	0.025	10	0.00001	0.05	0.0003	0.0000075	0.0005	0.0053	0.00021	11.1	0.00079	0.009
20-W006	11-4	20-Apr-07	2.1	0.050	0.0025	0.027	0.001	234	6.3	291	285	16.7	0.025	9	0.00001	0.02	0.0002	0.0000075	0.0005	0.0025	0.00005	10.8	0.00125	0.0025
20-W033	11-4	20-Nov-17	3	0.073	0.008	0.003	0.0005	251	3.5	372	383	26.1	0.06	13	0.00001	0.05	0.0003	0.0000075	0.0005	0.0032	0.00001	15.1	0.00162	0.0025
21-W035	11-4	21-May-19	1.5	0.050	0.006	0.0025	0.001	205	5.00	282	300	21.3	0.07	12	0.00001	0.05	0.0003	0.0000075	0.0005	0.0034	0.00006	10.2	0.00091	0.0025
21-W079	11-4	21-Oct-28	13.9	0.067	0.010	0.354	0.009	185	10.6	308	303	23.8	0.025	19	0.00001	0.36	0.0004	0.0000075	0.002	0.0077	0.00041	10.8	0.00110	0.006

median (Cb)	3.1	0.067	0.010	0.050	0.005	278	4.6	300	371	16.7	0.050	13	0.00002	0.04	0.0004	0.000014	0.0005	0.0022	0.00006	17.8	0.00100	0.0028
min	0.9	0.033	0.0025	0.0025	0.0005	82	1.2	172	205	0.1	0.025	6	0.00001	0.002	0.0002	0.0000075	0.0005	0.00070	0.00001	7.2	0.00029	0.0025
x	0.5	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.25	0.5	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.5	0.25	0.5
Cm	127	0.30	1.26	0.175	0.028	389	4.8	200	436	15.0	0.288	257	0.00026	0.070	0.0028	0.0013	0.0129	0.5011	0.00255	109	0.0058	2.50

Notes: ODWS = Ontario Drinking Water Standards, Objectives or Guidelines
reasonable use calculation based on MOE Guideline B-7

shading indicates concentration was below the reporting limit and half the value of the RL was adopted to allow for statistical analyses

Data Input: SG
Data Check: JPM

$C_m=C_b+x(C_r-C_b)$

Where:

C_b = background concentration
x = constant; 0.5 non health parameter, 0.25 for health parameter
C_r = max conc. acceptable in water (Ontario Drinking Water Standard)
C_m = Reasonable Use Limit (RUL)

Malroz was not consultant on the site prior to 2017, therefore pre-2017 values were collected by others and values were provided with the absense of laboratory certificates of analyses

Appendix K
Reasonable Use Calculation - Bedrock Wells

Sample ID	Sample Location	Sampling Date	Chloride	Barium	Boron	Iron	Manganese	Alkalinity, total	Dissolved Organic Carbon	Hardness	Total Dissolved Solids	Nitrate as N	Nitrite as N	Sulphate	Mercury	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Sodium	Uranium	Zinc
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
PWQO	**-**	**-**			**0.2**	**0.3**									**0.2**	**0.075**	**0.005**	**0.5**		**5.0**	**5.0**			**6.0**
ODWS	**-**	**-**	**250**	**1.0**	**5.0**	**0.3**	**0.05**	**500**	**5.0**	**100**	**500**	**10**	**1.0**	**500**	**0.001**	**0.1**	**0.01**	**0.005**	**0.05**	**1.0**	**0.01**	**200**	**0.02**	**5.0**
17-W035	MW102	17-Nov-17	108	0.794	0.056	0.510	0.554	512	6.7	596	764	0.7	0.025	82	0.0005	0.0005	0.0005	0.0005	0.0005	0.0009	0.00005	28.5	0.0033	0.0025
18-W020	MW102	18-May-18	162	0.951	0.040	0.420	0.501	422	6.4	628	727	0.88	0.025	57	0.00001	0.08	0.0002	0.0000075	0.0005	0.0017	0.00004	39.4	0.00253	0.0025
18-W038	MW102	18-Nov-27	198	0.859	0.048	0.558	0.481	380	4.9	606	778	0.05	0.025	58	0.00001	0.06	0.0002	0.0000075	0.0005	0.0011	0.00001	58.8	0.00308	0.0025
19-W018	MW102	19-May-08	186	0.841	0.047	0.378	0.465	394	6.2	622	766	1.84	0.025	58	0.00001	0.07	0.0002	0.0000075	0.002	0.0014	0.00002	41.6	0.00297	0.0025
19-W041	MW102	19-Nov-13	266	0.943	0.050	0.524	0.526	371	3.2	686	855	0.81	0.025	50	0.00001	0.08	0.0002	0.0000075	0.0005	0.0013	0.00004	57.8	0.00260	0.0025
20-W010	MW102	20-Apr-07	177	0.941	0.044	0.387	0.468	383	4.6	619	738	3.24	0.025	56	0.00001	0.05	0.0001	0.0000075	0.0005	0.0020	0.00003	49.2	0.00305	0.0025
20-W055	MW102	20-Nov-18	266	0.878	0.058	0.524	0.517	349	3.3	653	865	0.025	0.025	50	0.00001	0.1	0.0002	0.0000075	0.0005	0.0023	0.00006	60.7	0.00277	0.0025
21-W028	MW102	21-May-18	189	0.821	0.046	0.384	0.444	413	4.9	578	751	2.22	0.27	52	0.00001	0.07	0.0001	0.0000075	0.0005	0.0015	0.00002	48.9	0.00268	0.0025
21-W076	MW102	21-Oct-28	251	0.844	0.059	0.497	0.528	324	3.2	648	760	0.07	0.025	48	0.00001	0.08	0.0001	0.0000075	0.0005	0.0013	0.00002	62.6	0.00357	0.0025
median (Cb)			189	0.859	0.048	0.497	0.501	383	4.9	622	764	0.81	0.025	56	0.00001	0.07	0.0002	0.0000075	0.0005	0.0014	0.00003	49.2	0.00297	0.0025
min			108	0.794	0.040	0.378	0.444	324	3.2	578	727	0.025	0.025	48	0.00001	0.0005	0.0001	0.0000075	0.0005	0.0009	0.00001	28.5	0.00253	0.0025
x			0.5	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.25	0.5	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.5	0.25	0.5
C_m			220	0.894	1.29	0.399	0.276	442	5.0	361	632	3.11	0.269	278	0.00026	0.085	0.0027	0.0013	0.0129	0.5007	0.0025	125	0.0072	2.5

Data Input: SG
Data Check: JMP

Notes: ODWS = Ontario Drinking Water Standards, Objectives or Guidelines
reasonable use calculation based on MOE Guideline B-7

shading indicates concentration was below the reporting limit and half the value of the RL was adopted to allow for statistical analyses

$C_m=C_b+x(C_r-C_b)$

Where:

C_b = background concentration
x = constant; 0.5 non health parameter, 0.25 for health parameter
C_r = max conc. acceptable in water (Ontario Drinking Water Standard)
C_m = Reasonable Use Limit (RUL)

Malroz was not consultant on the site prior to 2017, therefore pre-2017 values were collected by others and values were provided with the absense of laboratory certificates of analyses