
Periodic Review Report

Former Champlain Landfill
Site No. 510006

New England Waste Services of NY, Inc.

Prepared For
New England Waste Services of NY, Inc.

3 Pitkin Court
Montpelier, Vermont 05602

Revision 1
August 2023

Former Champlain Landfill
Site No. 510006

Periodic Review Report

August 2023

Prepared For:

New England Waste Services of NY, Inc.
3 Pitkin Court
Montpelier, Vermont 05602

Prepared By:

Barton & Loguidice, D.P.C.
10 Airline Drive, Suite 200
Albany, New York 12205



Table of Contents

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION	1
1.1 Site Summary	1
1.2 Effectiveness of the Remedial Program	2
1.3 Compliance	2
1.4 Recommendations	2
2.0 SITE OVERVIEW	3
2.1 Site Description	3
2.2 Site Chronology	3
3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS.....	4
4.0 IC/EC PLAN COMPLIANCE REPORT	5
4.1 IC/EC Requirements and Compliance	5
4.2 IC/EC Certification	5
5.0 POST CLOSURE MONITORING, MAINTENANCE & CONTINGENCY PLAN COMPLIANCE REPORT	6
5.1 Monitoring Plan Components	6
5.2 Summary of Monitoring Completed During Reporting Period	6
5.3 Comparisons with Remedial Objectives	7
5.3.1 Groundwater Quality Trends	7
5.3.2 Overburden Groundwater	7
5.3.3 Bedrock Groundwater	8
5.3.4 Surface Water Quality Trends	9
5.4 Monitoring Deficiencies	9
5.5 Summary of O&M Completed During Reporting Period	9
5.6 Evaluation of Remedial Systems	9
5.7 O&M Deficiencies	10
5.8 Conclusions and Recommendations	10
6.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS	11
6.1 Compliance with SMP	11
6.2 Performance and Effectiveness of the Remedy	11
6.3 Future PRR Submittals	11

Table of Contents

– Continued –

Appendices

Appendix A	2023 Inspection Form
Appendix B	IC/EC Certification Form
Appendix C	Historical Analytical Data
Appendix D	Overburden Graphical Trends
Appendix E	Bedrock Graphical Trends
Appendix F	Surface Water Graphical Trends
Appendix G	Emerging Contaminants PFAS and 1,4-dioxane Results
Appendix H	Field Data Sheets (Purge Logs) from Second Quarter 2022 Sampling Event

Figures

Figure 1	Site Location
Figure 2	Monitoring Locations and Groundwater Contours (2022)

1.0 INTRODUCTION

1.1 Site Summary

The former Champlain Landfill is located on Castine Road (Tax Map ID No. 48.-1-5.1) in the Town of Champlain, Clinton County, New York (Figure 1). The landfill was owned and operated by the Town of Champlain from approximately 1972 through 1978. The landfill is located on a 36-acre parcel of land owned by the Town of Champlain. The main disposal area is limited to approximately 13 acres in the southwestern portion of the property. The Rouses Point Sportsman's Club formerly owned 3.4 acres in the center of the landfill that were used as a rifle range.

The landfill is located in a populated agricultural area approximately two miles south of the Village of Champlain. The landfill is bounded on the west by a New York State Department of Environmental Conservation (NYSDEC) regulated wetland; on the north by wooded areas; on the east by wooded areas and private homes along Ridge Road; and to the south by agricultural land, wooded areas and homes along Castine Road. This site is unlined and does not have a leachate collection/containment system.

The landfill is located in a former gravel pit. Sand and gravel were excavated from the site between July 1960 and July 1966. The Town of Champlain purchased the landfill property on July 29, 1972 and operated the landfill from approximately 1972 through May 1978. Based on sampling conducted in 1986 and information gathered on past waste disposal practices, the NYSDEC listed the site in the New York State Registry of Inactive Hazardous Waste disposal sites as a Class 2 site. The hazardous materials reportedly disposed at the landfill included 1,1,1-trichloroethane, 1,2-trichloroethane, and paints and thinners containing acetone, toluene and xylene. These materials were reportedly disposed in the vicinity of Rouses Point Sportsman's Club rifle range located within the landfill footprint.

A Remedial Investigation/Feasibility Study (RI/FS) was conducted under a Consent Order with NYSDEC. The parties to the Consent Order included the Town of Champlain, American Home Products Corp. and NYSDEC. The RI was completed in June 1994 and the FS was completed in December 1994. A Proposed Remedial Action Plan (PRAP) was issued by NYSDEC in February 1995 and the Record of Decision (ROD) was issued in August 1995. The ROD called for consolidation of waste within the landfill footprint, construction of a landfill cap in accordance with 6 NYCRR Part 360 requirements, installation of a gas venting system, installation of fencing to limit site access, and the extension of a public water supply to potentially impacted homes. In addition, the ROD required implementation of institutional controls/engineering controls (IC/ECs) consisting of site access restrictions (fencing and signage) and deed restrictions on the landfill property to protect the landfill cap. Post-closure monitoring has been underway since September 1996.

1.2 Effectiveness of the Remedial Program

The remedy is performing properly and as designed:

- Site access restrictions are maintained by a perimeter fence and gating system that serves to limit public access to the facility.
- The landfill cap system prevents direct contact with waste materials and minimizes infiltration of precipitation, thus reducing the rate of leachate generation.
- The gas venting system prevents excessive buildup of landfill decomposition gases and protects the integrity of the landfill cap system.
- The surface water drainage network is maintained to limit excessive erosion and sedimentation in site surface waters.
- Provision of public water supplies to nearby residences has eliminated the potential groundwater exposure pathway.
- Periodic monitoring indicates that the remedy has effectively reduced the concentrations of indicator and volatile organic constituents in both groundwater and surface water.

The results of the groundwater and surface water monitoring described in Section 5.3 below demonstrate substantial progress towards the remedial objective of restoration of groundwater quality through natural attenuation. With ongoing maintenance of the integrity of the landfill cap system, continued improvement in water quality is expected to occur over time.

1.3 Compliance

There were no significant deficiencies noted in the integrity or performance of the engineering controls in the most recent annual inspection and report (attached) and no changes or corrective measures are required.

1.4 Recommendations

There are no recommended changes to the Post Closure Plan required as a result of this Periodic Review. However, improvements to site vegetation control and sampling point identification are recommended to improve access to the environmental monitoring locations.

Given the substantial improvement in water quality that has occurred at the site as a result of site remediation and the on-going annual reporting that occurs each year, it is recommended that the next Periodic Review Report be completed in 2028. While the improvement in water quality has been substantial, the requirements for discontinuing site management have not yet been met.

2.0 SITE OVERVIEW

2.1 Site Description

The former Champlain Landfill is located on Castine Road (Tax Map ID No. 48.-1-5.1) in the Town of Champlain, Clinton County, New York (Figure 1). The landfill was owned and operated by the Town of Champlain from approximately 1972 through 1978. The landfill is located on a 36 acre parcel of land owned by the Town of Champlain. The main disposal area is limited to approximately 13 acres in the southwestern portion of the property. The Rouses Point Sportsman's Club formerly owned 3.4 acres in the center of the landfill that was used as a rifle range. The landfill is located in a populated agricultural area approximately two miles south of the Village of Champlain. The landfill is bounded on the west by a NYSDEC regulated wetland; on the north by wooded areas; on the east by wooded areas and private homes along Ridge Road; and to the south by agricultural land, wooded areas and homes along Castine Road. This site is unlined and does not have a leachate collection/containment system.

The landfill is located in a former gravel pit. Sand and gravel were excavated from the site between July 1960 and July 1966. The Town of Champlain purchased the landfill property on July 29, 1972 and operated the landfill from approximately 1972 through May 1978. Based on sampling conducted in 1986 and information gathered on past waste disposal practices, the NYSDEC listed the site in the New York State Registry of Inactive Hazardous Waste disposal sites as a Class 2 site. The hazardous wastes reportedly disposed at the landfill were 1,1,1-trichloroethane, 1,2-trichloroethane, and paints and thinners containing acetone, toluene and xylene. These wastes were reportedly disposed in the vicinity of Rouses Point Sportsman's Club rifle range located within the landfill footprint.

2.2 Site Chronology

A Remedial Investigation/Feasibility Study (RI/FS) was conducted under a Consent Order with NYSDEC. The parties to the Consent Order included the Town of Champlain, American Home Products Corp. and NYSDEC. The RI was completed in June 1994 and the FS was completed in December 1994. A Proposed Remedial Action Plan (PRAP) was issued by NYSDEC in February 1995 and the Record of Decision (ROD) was issued in August 1995. The ROD called for consolidation of waste within the landfill footprint, construction of a landfill cap in accordance with 6 NYCRR Part 360 requirements, installation of a gas venting system, and the extension of a public water supply to potentially impacted homes. Post-closure monitoring has been underway since September 1996.

There have been no significant changes to the remedy since the selected remedial alternative was implemented in 1996-1997.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

Implementation of the selected remedy has successfully mitigated potential risks, and the remedial system continues to operate effectively to protect the public health and environment:

- Site access restrictions are maintained by a perimeter fence and gating system that serves to limit public access to the facility.
- The landfill geomembrane cover system prevents direct contact with waste materials and minimizes infiltration of precipitation, thus reducing the rate of leachate generation.
- The gas venting system prevents excessive buildup of landfill decomposition gases and protects the integrity of the landfill cover system.
- The surface water drainage network is maintained to limit excessive erosion and sedimentation in site surface waters.
- Provision of public water supplies to previously impacted residences has eliminated the potential groundwater exposure pathway.
- Periodic monitoring indicates that the remedy has effectively reduced the concentrations of indicator constituents in both groundwater and surface water.

The monitoring results are discussed in more detail in Section 5.3.

4.0 IC/EC PLAN COMPLIANCE REPORT

The site decision document is the only institutional control specified in the Record of Decision for the former Champlain Landfill site. Required engineering controls include site fencing, a gas venting system, drainage improvements, and the landfill cap. In addition, a public water supply system was installed to provide water to nearby residents previously served by individual domestic wells.

4.1 IC/EC Requirements and Compliance

- A perimeter site fence was installed to limit public access to the site. Performance of this control is evaluated through an annual visual inspection, which is reported as part of the on-going annual monitoring program for the site (see Appendix A).
- A gas venting system was installed to prevent excessive buildup of landfill decomposition gases and protect the integrity of the landfill cover system. Performance of this control is evaluated through an annual visual inspection, which is reported as part of the on-going annual monitoring program for the site (see Appendix A).
- The surface water drainage network was improved to limit excessive erosion and sedimentation in site surface waters. Performance of this control is evaluated through an annual visual inspection, which is reported as part of the on-going annual monitoring program for the site (see Appendix A).
- The landfill cap system was installed to prevent direct contact with waste materials and minimize infiltration of precipitation, thus reducing the rate of leachate generation. The integrity of the cap is evaluated through an annual visual inspection (see Appendix A). Performance of this control is assessed through review of the on-going monitoring data, as described in Section 5.3. The results of the visual inspection and water quality monitoring are reported as part of the on-going annual monitoring program for the site.
- The performance of the public water supply system is managed by the water district and is not assessed as part of the on-going landfill monitoring program.

There were no significant deficiencies noted in the integrity or performance of the engineering controls in the most recent annual inspection (see Appendix A) and no changes or corrective measures are required.

4.2 IC/EC Certification

The IC/EC Certification form is provided in Appendix B.

5.0 POST CLOSURE MONITORING, MAINTENANCE & CONTINGENCY PLAN COMPLIANCE REPORT

Site operations, maintenance, and monitoring are conducted in accordance with the Final Post Closure Monitoring, Maintenance and Contingency Plan (MMCP) developed by Barton & Loguidice, D.P.C. (B&L) on behalf of the Town of Champlain in May 1996.

The MMCP includes the Environmental Monitoring Program (EMP) and the Site Maintenance Program (SMP) and describes the record-keeping requirements applicable to the site. The MMCP calls for periodic inspection of site access roads, the perimeter fence and associated gates, the landfill cover and gas venting systems, and the surface water management network. In addition, the plan summarizes maintenance activities that are to be implemented in the event that damage to these systems is detected during the required inspections.

The MMCP also describes the environmental monitoring program that has been established for the site, including required monitoring locations in groundwater and surface water, the parameters to be analyzed, sample collection methods, equipment cleaning and decontamination methods, and procedures to maintain sample quality and control. The components of the environmental monitoring program are summarized below.

5.1 Monitoring Plan Components

The monitoring plan includes the following components:

- Annual surface water quality monitoring at two locations (SW-1 and SW-2).
- Annual groundwater quality monitoring in the overburden (wells MW-1S, MW-SW-1, MW-4S, MW-10S, MW-13S, and MW-15S).
- Annual groundwater quality monitoring in the bedrock (wells MW-1D and MW-14D).
- Annual visual inspection of the perimeter fencing system, site drainage network, and landfill cap integrity.
- The results of the monitoring are reported annually to NYSDEC.

5.2 Summary of Monitoring Completed During Reporting Period

Routine monitoring of groundwater and surface water has occurred throughout the period from 1996 through the present. Monitoring occurred on a quarterly basis during the period from September 1996 through October 1998, a semi-annual basis during the period from April 2000 through October 2001, and on an annual basis during the period from April 2002 to the present.

In accordance with a written request from the NYSDEC (November 1, 2017), monitoring locations MW-1S, MW-1D, MW-3S, MW-3D, MW-4S, MW-15S and MW-14D have been monitored annually for per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane analyses. Sampling for emerging contaminants was initiated in 2018. Historical results are included in Appendix G.

5.3 Comparisons with Remedial Objectives

The results of the groundwater and surface water monitoring demonstrate substantial progress towards the remedial objective of restoration of groundwater quality through natural attenuation, as described below.

5.3.1 Groundwater Quality Trends

Groundwater quality trends in overburden and bedrock groundwater are described below.

5.3.2 Overburden Groundwater

Recent groundwater sampling indicates that groundwater quality in the overburden water-bearing zone has continued to improve since the implementation of the selected remedy, as shown on the graphical trends (Refer to Appendix D). In particular, concentrations of ammonia, manganese, alkalinity, TDS, total hardness, chloride, COD, and iron have generally stabilized in wells MW-4S, MW-10S, and MW-15S. Major increases or decreases have not been observed within these wells since October 2007. Concentrations in well MW-1S are generally stable, with the exception of ammonia, alkalinity, chloride, and COD, which exhibit variable trends since monitoring began at this location; however, overall decreasing trends are presented for each parameter. Concentrations within monitoring location MW-SW-1 have also been generally stable, with minor exceptions. Location MW-SW-1 exhibits a slightly increasing trend for chloride, which is likely related to farming or deicing activities based on the well location immediately adjacent to the road and farm field. An anomalously elevated concentration for chloride was noted during the November 2021 monitoring event; however, the concentration has since returned to historical range. Concentrations within monitoring locations MW-10S and MW-15S have been generally stable.

In the case of TDS, concentrations at each location except MW-1S are now below the applicable groundwater quality standard, whereas the standard was frequently exceeded historically. Location MW-SW-1 displayed an elevated TDS concentration during the November 2021 monitoring event that slightly exceeded the groundwater quality standard; however, has since returned to a concentration within historical range and below the groundwater quality standard value.

Total phenols in wells MW-1S, MW-4S, and MW-15S have exceeded groundwater standards during the past several monitoring events, with MW-1S exceeding groundwater standards each monitoring event since 2010.

Although volatile and semi-volatile constituents are occasionally detected in the overburden monitoring wells, only a few wells have exceeded water quality standards in recent years. Acetone, benzene, 1,1-Dichloroethane have been detected in MW-1S in concentrations exceeding the applicable groundwater quality standards. Estimated low-

level concentrations of several VOC compounds have been detected within monitoring locations MW-10S and MW-15S; however, groundwater standard exceedances have not been observed to date.

Monitoring location MW-13S has displayed low-level estimated concentrations for several organic constituents since monitoring began at this location; however, no exceedances have been observed since 1998.

Substantial improvement has been demonstrated in well MW-4S, which frequently had exceedances of groundwater quality standards for benzene, ethylbenzene, chlorobenzene, and xylenes prior to October 2000. While there were detections of several organic constituents reported in the 2019 and 2022 monitoring events, no exceedances have been observed since 2000.

In accordance with a written request from the NYSDEC (November 1, 2017), overburden monitoring locations MW-1S, MW-3S, MW-4S, and MW-15S are required to be sampled for PFAS and 1,4-dioxane analyses. The initial round of PFAS and 1,4-dioxane sampling was completed during the June 2018 monitoring event. Monitoring locations MW-1S, MW-4S, and MW-15S have exhibited concentrations for PFAS compounds and 1,4-dioxane above the associated guidance values. Although the data is limited, the exceeded concentrations appear stable with minor fluctuations.

5.3.3 Bedrock Groundwater

There are few clear trends in groundwater quality in the bedrock wells (Appendix E). The data can be summarized as follows:

Parameter	Well Location	
	MW-1D	MW-14D
Ammonia	Slight increase since 2009	Slight increase since 2011
Manganese	Slight increase since 2021	Variable; decreasing since 2012
Alkalinity	Increasing since 2015	Decreasing since 2006
Total Dissolved Solids	Increasing since 2015	Variable; decreasing since 2017
Total Hardness	increasing since 2009	Stable
Chloride	Increasing since 2009	Stable
Chemical Oxygen Demand	Increasing since 2009	Stable
Iron	Stable	Stable

Total phenols, pH, total iron, total manganese, and turbidity have been the only parameters in excess of applicable groundwater standards in the bedrock wells in recent years. Although low level detections of volatile organic constituents have been reported in recent years, there have been no exceedances of groundwater quality standards for these constituents in wells MW-1D or MW-14D, which are monitored on an annual basis for routine and rotating baseline parameters.

In accordance with a written request from the NYSDEC (November 1, 2017), bedrock monitoring locations MW-1D, MW-3D, and MW-14D are required to be sampled for PFAS and 1,4-dioxane analyses annually. Since monitoring began in 2018, each bedrock well has exhibited low-level concentrations for one or more PFAS compound. During the 2021 monitoring event, location MW-3D slightly exceeded the individual PFOS guidance value. In addition, location MW-3D exceeded the 1,4-dioxane guidance value during the 2018 monitoring event.

5.3.4 Surface Water Quality Trends

Both SW-1 and SW-2 (Appendix F) have been reported as “FROZEN” or “DRY” since October of 2009. No water quality samples have been collected from these locations since then.

5.4 Monitoring Deficiencies

Monitoring well MW-1D was damaged between 2008 and 2010, but was repaired in the summer of 2017 by the Town of Champlain and continues to be sampled annually.

5.5 Summary of O&M Completed During Reporting Period

The most recent O&M activities at the site occurred in conjunction with the 2022 annual monitoring event, which included collection and analysis of groundwater and surface water samples for baseline analyses, as well as emerging contaminants PFAS and 1,4-dioxane. An inspection of the engineering controls and site infrastructure as identified in the MMCP was conducted on May 5, 2023.

The annual inspection report form is provided in Appendix A.

5.6 Evaluation of Remedial Systems

The remedial system continues to operate effectively to protect the public health and environment:

- Site access restrictions are maintained by a perimeter fence and gating system that serves to limit public access to the facility.
- The landfill geomembrane cap system prevents direct contact with waste materials and minimizes infiltration of precipitation, thus reducing the rate of leachate generation.
- The gas venting system prevents excessive buildup of landfill decomposition gases and protects the integrity of the landfill cover system.
- The surface water drainage network is maintained to limit excessive erosion and sedimentation in the site surface waters.
- The provision of public water supplies to previously impacted residences has eliminated the potential groundwater exposure pathway.

The minor deficiencies noted below do not significantly impair the ability of the remedial system to function as designed.

5.7 O&M Deficiencies

There were no significant deficiencies noted in the integrity or performance of the engineering controls in the 2023 annual inspection and report (attached), and no changes or corrective measures are required. However, continued maintenance to site vegetation and sampling point identification are recommended to preserve access to the environmental monitoring locations.

5.8 Conclusions and Recommendations

On balance, the facility is well maintained and operates effectively in accordance with Site Post Closure Monitoring, Maintenance and Contingency Plan. As noted previously, the results of the groundwater and surface water monitoring demonstrate substantial progress towards the remedial objective of restoration of groundwater quality through natural attenuation.

6.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

6.1 Compliance with SMP

There were no significant deficiencies noted in the integrity or performance of the engineering controls in the May 5, 2023 inspection and report (attached) and no changes or corrective measures are required. However, continued maintenance of site vegetation and sampling point identification are recommended to preserve access to the environmental monitoring locations. There are no recommended changes to the Post Closure Monitoring, Maintenance and Contingency Plan required as a result of this Periodic Review.

6.2 Performance and Effectiveness of the Remedy

The remedy is performing properly and as designed:

- Site access restrictions are maintained by a perimeter fence and gating system that serves to limit public access to the facility.
- The landfill geomembrane cap system prevents direct contact with waste materials and minimizes infiltration of precipitation, thus reducing the rate of leachate generation.
- The gas venting system prevents excessive buildup of landfill decomposition gases and protects the integrity of the landfill cap system.
- The surface water drainage network is maintained to limit excessive erosion and sedimentation in site surface waters.
- Provision of public water supplies to nearby residences has eliminated the potential groundwater exposure pathway.
- Periodic monitoring indicates that the remedy has effectively reduced the concentrations of indicator and volatile organic constituents in both groundwater and surface water.

The results of the groundwater and surface water monitoring demonstrate substantial progress towards the remedial objective of restoration of groundwater quality through natural attenuation. With ongoing maintenance of the integrity of the landfill cap system, continued improvement in water quality is expected to occur over time.

6.3 Future PRR Submittals

Given the substantial improvement in water quality that has occurred at the site as a result of site remediation and the on-going annual reporting that occurs each year, it is recommended that the next Periodic Review Report be completed in 2028. While the improvement in water quality has been substantial, the requirements for discontinuing site management have not yet been met.

Appendix A

2023 Inspection Form

		Landfill Inspection Report			
		Location:	Champlain (T) Landfill		
		Client:	NEWSNY		
		Job Number:	574.257.001		
		Inspector(s):	BDD		
		Date / Time:	5/5/23 0:00		
		Weather / Temp:			
Site Security					
Item	YES	NO	N/A	Comments	
Is the gate to the landfill closed?	☒	☐	☐		
Is the gate locked and secure?	☒	☐	☐		
Is the perimeter fencing in good condition?	☒	☐	☐		
Monitoring Wells					
Item	YES	NO	N/A	Comments	
Are the wells flagged, identified, and painted?	☒	☐	☐	Well IDs on well cap, should be indicated on casing	
Are all of the wells locked?	☒	☐	☐		
Are the wells in good condition?	☒	☐	☐	Some vegetation removal required around wells during annual mowing event	
Gas Vents / Flares					
Item	YES	NO	N/A	Comments	
Are the vents / flares intact and in proper working condition?	☒	☐	☐	Only passive vents. No flares at closed facility	
Are the vent openings unobstructed?	☒	☐	☐		
Landfill Cap					
Item	YES	NO	N/A	Comments	
Is the vegetation in good condition?	☒	☐	☐		
Does the vegetation cover the entire landfill?	☒	☐	☐		
Is mowing required?	☐	☒	☐	Mowing not required at time of inspection. Town of Champlain mowes during the summer months	
Is there evidence of stressed vegetation or bare ground?	☐	☒	☐		
Is there evidence of animal burrowing or other damaging activity?	☐	☒	☐		
Are there any cracks or settlement of the landfill cap?	☐	☒	☐		
Is there any other evidence of damage to the landfill cap?	☐	☒	☐		
General					
Item	YES	NO	N/A	Comments	
Is there any evidence of staining or leachates seeps on or around the landfill?	☐	☒	☐		
Are the drainage structures in good condition?	☒	☐	☐		
Is there any erosion or buildup of silt present in drainage structures?	☐	☒	☐		
Are the site access roads in good condition?	☒	☐	☐		
Is the maintenance building in good condition?	☐	☐	☒		
Is there any evidence of vandalism? If any please comment.	☐	☒	☐		
Notes					

Appendix B

IC/EC Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **510006**

Site Name **Champlain Town Landfill**

Site Address: McCrea Road Zip Code: 12919

City/Town: Champlain

County: Clinton

Site Acreage: 13.000

Reporting Period: June 01, 2018 to June 01, 2023

YES NO

1. Is the information above correct? ☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐
Industrial

7. Are all ICs in place and functioning as designed? ☒ ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional ControlsParcelOwnerInstitutional Control

48.-1-5.1

TOWN OF CHAMPLAIN

The Record of Decision required construction of a Part 360 landfill cap and extension of the potable water supply from the Village of Rouses Point to the threatened and impacted homes in the vicinity of the landfill. Also, long-term operation, maintenance and monitoring of the landfill cap and water system and groundwater sampling of selected wells around the landfill.

Description of Engineering ControlsParcelEngineering Control

48.-1-5.1

Cover System
Fencing/Access Control
Alternate Water Supply

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 510006

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Thomas Trombley at 10729 Route 9, Champlain NY
print name print business address

am certifying as Supervisor of the Town (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Thomas Trombley
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

6/26/23
Date

EC CERTIFICATIONS

Professional Engineer Signature

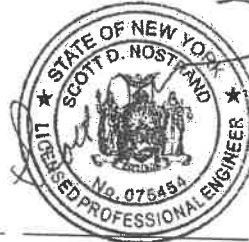
Box 7

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Scott D. Nostrand at 443 Electronics Parkway, Liverpool, NY 13088
print name print business address

am certifying as a Professional Engineer for the Champlain Town Landfill
(Owner or Remedial Party)

Scott D. Nostrand
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



Stamp
(Required for PE)

6/26/23
Date

Appendix C

Historical Analytical Data

**CHAMPLAIN LANDFILL (CLOSED)
CLINTON COUNTY
WATER QUALITY TEST DATA**

PAGE INDEX

SAMPLING LOCATION	FIELD& INORGANIC PARAMETERS	TOTAL METALS	DISSOLVED METALS	ORGANIC COMPOUNDS (DETECTED)
MONITORING WELLS				
MW-1S	2-3	4-5	6-7	8-10
MW-1D	11-12	13-14	15-16	17-18
MW-SW-1	20-21	22-23	24-25	26-27
MW-4S	28-29	30-31	32-33	34-35
MW-10S	36-37	38-39	40-41	42-43
MW-13S	44-45	46-47	48-49	50-51
MW-14D	52-53	54-55	56-57	58-59
MW-15S	60-61	62-63	64-65	66-67
SURFACE WATER				
SW-1	68-69	70-71	72-73	74
SW-2	76-77	78-79	80-81	82

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA										
	FIELD PARAMETERS					INORGANIC PARAMETERS					
GROUNDWATER	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-1S											
27-Sep-96	57	-15	6.5	1700	-	280	790	503	920	78	14
3-Dec-96	48	-75	6.7	1700	-	-	580	470	830	60	41
27-Feb-97	42	< -200	6.4	1600	400.0	-	740	560	830	77	22
14-May-97	47	< -200	6.7	1300	450.0	-	540	490	760	53	84
21-Aug-97	58	< -200	7.0	1500	230.0	-	850	530	840	69	38
18-Nov-97	48	< -200	7.1	2100	340.0	150	600	810	1400	60	460
23-Feb-98	42	< -200	6.8	1800	220.0	75	570	924	1200	60	340
06-May-98	48	< -200	6.7	1400	210.0	-	530	740	950	42	300
07-Jul-98	53	< -200	6.8	1400	270.0	-	540	740	1800	58	280
14-Oct-98	56	< -200	6.7	1400	210.0	-	559	910	1197	48	250
28-Apr-99	44	< -200	6.7	1600	191.0	60	644	994	1270	66	410
03-Nov-99	53	< -200	6.7	1600	-	-	597	348	1430	52	581
25-May-00	42	-60	7.1	1800	>200	-	417	1070	1440	43	595
11-Oct-00	53	< -200	7.6	1600	>200	150	584	920	1240	53	433
17-Apr-01	41	-65	6.6	2167	16.3	75	514	1140	1630	58	559
9-Oct-01	53	< -200	7.1	2000	750.0	-	550	1080	1440	59	565
15-Apr-02	43	< -200	6.9	1900	65.0	-	468	1230	1780	61	917
21-Oct-03	51	-58	7.0	1800	45.0	100	595	940	1290	64	444
15-Apr-04	41	-39	7.1	1700	126.0	45	606	840	1100	51	357
17-Oct-05	55	-46	6.9	1600	75.0	-	593	922	1230	42	388
18-May-06	47	-74	7.1	1400	95.3	-	588	756	1010	37	256
20-Dec-07	42	-65	7.0	1500	95.6	60	512	680	805	24	195
12-Jun-08	50	-80	7.1	1100	56.6	-	499	598	736	26	135
6-Oct-09	56	-8	6.8	1320	71.4	-	547	640	835	34	177
16-Jun-10	51	-50	7.2	1250	120.8	45	498	644	708	24	121
3-Nov-11	51	-77	7.1	1420	131.3	-	638	722	830	52	84
30-May-12	50	-126	6.9	1300	105.6	-	578	601	715	35	75
12-Dec-13	45	-112	7.2	1400	61.0	170	703	640	809	58	38
29-May-14	56	-40	6.7	1300	86.8	-	676	658	825	49	73
17-Nov-15	50	-50	6.9	1300	38.5	-	733	557	787	57	31
1-Jun-16	48	-115	7.1	1200	43.9	60	685	516	790	51	16
18-Dec-17	46	-28	7.2	1200	29.1	-	672	674	684	43	6
26-Jun-18	56	-45	6.9	1430	7.5	-	622	570	704	49	4
21-Nov-19	48	-70	7.3	1100	41.3	170	511	497	654	44	38
8-Apr-20	43	-47	8.1	1140	88.1	-	481	464	596	40	33
2-Nov-21	52	116	7.3	1162	24.0	-	625	552	717	54	41
26-Apr-22	46	-19	7.0	1149	30.3	23	520	-	603	35	13

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1S											
27-Sep-96	-	< 0.10	< 0.01	< 0.20	27.0	30	14	140	43	0.019	< 0.010
3-Dec-96	-	-	-	< 0.20	22.0	-	-	97	38	0.018	-
27-Feb-97	-	-	-	< 0.20	24.0	-	-	120	38	0.017	-
14-May-97	-	-	-	< 0.20	19.0	-	-	130	32	0.011	-
21-Aug-97	-	-	-	< 0.20	23.0	-	-	120	39	0.027	-
18-Nov-97	-	0.40	< 0.01	< 0.20	30.0	30	13	110	40	< 0.005	< 0.010
23-Feb-98	-	0.24	< 0.05	0.10	22.0	23	7	78	25	0.046	< 0.010
06-May-98	-	-	-	< 0.10	20.0	-	-	71	38	0.016	-
07-Jul-98	-	-	-	< 0.10	21.0	-	-	84	44	0.050	-
14-Oct-98	-	-	-	< 0.10	22.0	-	-	91	36	0.042	-
28-Apr-99	-	0.27	< 0.01	< 0.50	17.0	19	13	97	36	0.007	< 0.010
03-Nov-99	-	-	-	< 0.50	21.0	-	-	101	37	0.007	-
25-May-00	-	-	-	< 0.50	17.5	21	10	77	30	0.007	-
11-Oct-00	-	0.36	< 0.01	< 0.50	21.0	25	7	87	29	0.009	< 0.010
17-Apr-01	-	0.28	< 0.01	< 0.50	17.7	19	13	82	28	0.008	< 0.010
9-Oct-01	-	-	-	< 0.50	23.2	25	5	95	33	0.011	-
15-Apr-02	-	-	-	< 0.50	15.7	17	12	80	29	0.007	-
21-Oct-03	-	0.32	< 0.01	< 0.50	16.1	18	9	99	35	0.008	< 0.010
15-Apr-04	-	0.21	< 0.01	< 0.50	12.3	13	6	73	28	0.008	< 0.010
17-Oct-05	-	-	-	< 0.50	13.9	-	-	89	31	0.009	-
18-May-06	-	-	-	< 0.50	12.0	-	-	72	26	0.005	-
20-Dec-07	-	< 0.20	0.02	< 0.50	10.8	12	8	60	25	< 0.005	< 0.010
12-Jun-08	-	-	-	< 0.50	9.7	-	-	62	27	< 0.005	-
6-Oct-09	-	-	-	0.90	11.4	12	9	67	27	0.008	-
16-Jun-10	-	0.17	< 0.01	< 0.50	8.7	10	7	59	26	< 0.005	< 0.010
3-Nov-11	-	-	-	< 1.00	13.8	15	14	77	33	0.008	-
30-May-12	-	-	-	< 1.00	12.6	14	8	74	28	0.004	-
12-Dec-13	-	0.30	0.02	< 1.00	16.5	18	18	96	37	0.016	0.002
29-May-14	-	-	-	< 1.00	15.3	15	14	91	32	0.011	-
17-Nov-15	-	-	-	< 1.00	20.6	22	25	93	35	0.018	-
1-Jun-16	-	0.26	< 0.01	< 1.00	18.9	18	25	106	47	0.021	< 0.01
18-Dec-17	-	-	-	< 1.00	22.1	19	16	93	36	0.015	-
26-Jun-18	-	-	-	< 1.00	17.7	22	14	87	28	0.012	-
21-Nov-19	-	0.24	< 0.05	< 1.00	15.8	18	12	72	26	0.005	< 0.005
8-Apr-20	-	-	-	< 1.00	16.0	17	9	65	27	0.004	-
2-Nov-21	-	-	-	< 1.00	12.2	14	9	48	20	0.004	-
26-Apr-22	-	0.19	< 0.05	< 1.00	13.3	14	10	48	17	0.004	0.0055

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1S											
27-Sep-96	1.10	0.102	< 0.008	0.220	< 0.0010	0.0040	134	< 0.005	-	0.020	30.0
3-Dec-96	-	-	-	-	-	< 0.0050	130	-	-	-	31.0
27-Feb-97	-	-	-	-	-	0.0050	150	-	-	-	43.0
14-May-97	-	-	-	-	-	< 0.0050	130	-	-	-	38.0
21-Aug-97	-	-	-	-	-	< 0.0050	140	-	-	-	32.0
18-Nov-97	1.90	< 0.003	0.013	0.300	< 0.0050	0.0070	210	< 0.050	-	< 0.020	41.0
23-Feb-98	2.10	< 0.003	0.023	0.300	< 0.0010	0.0011	210	0.007	-	< 0.030	59.0
06-May-98	-	-	-	-	-	0.0009	170	-	-	-	38.0
07-Jul-98	-	-	-	-	-	0.0006	170	-	-	-	34.0
14-Oct-98	-	-	-	-	-	0.0004	220	-	-	-	40.0
28-Apr-99	0.80	< 0.100	< 0.010	0.320	< 0.0050	< 0.0050	205	< 0.010	-	< 0.020	35.0
03-Nov-99	-	-	-	-	-	0.0093	249	-	-	-	33.0
25-May-00	-	-	-	-	-	0.0065	229	-	-	-	34.0
11-Oct-00	1.48	< 0.060	< 0.011	0.317	< 0.0050	0.0095	221	< 0.010	-	< 0.020	18.8
17-Apr-01	2.16	< 0.060	< 0.010	0.267	< 0.0050	0.0084	274	< 0.010	-	< 0.020	36.8
9-Oct-01	-	-	-	-	-	0.0058	224	-	-	-	28.7
15-Apr-02	-	-	-	-	-	0.0203	287	-	-	-	30.9
21-Oct-03	0.64	< 0.060	0.018	0.209	< 0.0050	0.0125	215	< 0.010	-	< 0.020	19.8
15-Apr-04	1.57	< 0.060	0.011	0.152	< 0.0050	< 0.0050	197	< 0.010	-	< 0.020	22.2
17-Oct-05	-	-	-	-	-	< 0.0050	218	-	-	-	22.1
18-May-06	-	-	-	-	-	< 0.0050	172	-	-	-	26.6
20-Dec-07	0.25	< 0.060	< 0.010	0.105	< 0.0050	< 0.0050	144	< 0.010	-	< 0.020	15.4
12-Jun-08	-	-	-	-	-	< 0.0050	131	-	-	-	19.4
6-Oct-09	-	-	-	-	-	< 0.0050	140	-	-	-	11.7
16-Jun-10	8.54	< 0.004	0.018	0.161	0.2750	0.0030	138	0.015	< 0.01	0.013	24.4
3-Nov-11	-	-	-	-	-	< 0.0050	157	-	-	-	23.7
30-May-12	-	-	-	-	-	< 0.0050	132	-	-	-	21.2
12-Dec-13	0.39	< 0.002	0.014	0.188	< 0.0002	< 0.0004	138	< 0.001	-	< 0.002	11.0
29-May-14	-	-	-	-	-	< 0.0050	146	-	-	-	17.8
17-Nov-15	-	-	-	-	-	< 0.0050	140	-	-	-	9.3
1-Jun-16	0.18	< 0.060	0.008	0.177	< 0.0030	0.0006	121	< 0.010	-	< 0.020	12.2
18-Dec-17	-	-	-	-	-	< 0.0050	154	-	-	-	14.8
26-Jun-18	-	-	-	-	-	< 0.0050	134	-	-	-	18.9
21-Nov-19	0.13	< 0.060	0.008	0.203	< 0.0030	< 0.0050	120	0.001	-	< 0.020	9.9
8-Apr-20	-	-	-	-	-	< 0.0050	111	-	-	-	10.6
2-Nov-21	-	-	-	-	-	0.7000	129	-	-	-	15.4
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	TOTAL METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1S												
27-Sep-96	< 0.001	41	0.69	< 0.00020	< 0.020	25	53	< 0.004	< 0.005	< 0.001	-	0.054
3-Dec-96	0.040	35	-	-	-	19	38	-	-	-	-	-
27-Feb-97	0.006	45	1.10	-	-	20	46	-	-	-	-	-
14-May-97	0.009	41	1.00	-	-	15	32	-	-	-	-	-
21-Aug-97	0.005	43	0.81	-	-	34	42	-	-	-	-	-
18-Nov-97	0.004	69	1.00	< 0.00040	< 0.030	33	51	0.001	< 0.050	< 0.003	-	0.050
23-Feb-98	0.004	97	1.30	< 0.00020	0.006	25	42	< 0.002	< 0.001	< 0.001	-	0.028
06-May-98	0.002	76	1.10	-	-	21	33	-	-	-	-	-
07-Jul-98	0.001	78	1.10	-	-	24	38	-	-	-	-	-
14-Oct-98	0.003	87	1.10	-	-	29	41	-	-	-	-	-
28-Apr-99	< 0.005	99	1.06	< 0.00030	< 0.040	22	45	< 0.005	< 0.010	< 0.010	-	0.013
03-Nov-99	< 0.005	118	0.92	-	-	33	60	-	-	-	-	-
25-May-00	< 0.005	104	0.93	-	-	22	33	-	-	-	-	-
11-Oct-00	< 0.005	100	0.90	< 0.00030	< 0.040	28	42	0.007	< 0.010	< 0.010	-	< 0.020
17-Apr-01	< 0.005	118	1.39	< 0.00030	< 0.040	23	44	0.007	< 0.010	< 0.010	-	0.025
9-Oct-01	0.012	104	1.10	-	-	29	47	-	-	-	-	-
15-Apr-02	< 0.005	134	1.23	-	-	22	43	-	-	-	-	-
21-Oct-03	< 0.005	106	0.84	< 0.00030	< 0.040	26	48	< 0.005	< 0.010	< 0.010	-	< 0.020
15-Apr-04	< 0.005	99	0.84	< 0.00030	< 0.040	19	33	< 0.005	< 0.010	< 0.010	-	< 0.020
17-Oct-05	< 0.005	99	0.81	-	-	24	35	-	-	-	-	-
18-May-06	< 0.005	82	0.85	-	-	18	28	-	-	-	-	-
20-Dec-07	< 0.006	70	0.58	< 0.00020	< 0.040	16	22	< 0.010	< 0.010	< 0.010	-	< 0.020
12-Jun-08	< 0.005	62	0.65	-	-	15	20	-	-	-	-	-
6-Oct-09	< 0.005	66	0.53	-	-	18	29	-	-	-	-	-
16-Jun-10	0.005	66	0.72	< 0.00001	0.010	16	22	< 0.008	< 0.002	< 0.003	0.017	0.044
3-Nov-11	< 0.005	72	0.67	-	-	17	42	-	-	-	-	-
30-May-12	< 0.005	61	0.57	-	-	17	35	-	-	-	-	-
12-Dec-13	0.001	64	0.42	< 0.00003	0.003	20	50	< 0.005	< 0.001	< 0.002	-	0.006
29-May-14	< 0.005	66	0.50	-	-	18	46	-	-	-	-	-
17-Nov-15	< 0.005	50	0.31	-	-	21	47	-	-	-	-	-
1-Jun-16	< 0.005	52	0.35	< 0.00020	< 0.040	20	45	< 0.010	< 0.010	0.005	-	< 0.020
18-Dec-17	< 0.005	71	0.50	-	-	18	56	-	-	-	-	-
26-Jun-18	< 0.005	57	0.51	-	-	24	49	-	-	-	-	-
21-Nov-19	< 0.005	48	0.40	< 0.00020	< 0.040	19	34	< 0.010	< 0.010	< 0.010	-	< 0.020
8-Apr-20	< 0.005	46	0.36	-	-	16	31	-	-	-	-	-
2-Nov-21	< 0.005	56	0.42	-	-	17	39	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1S											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
3-Dec-96	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-
14-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-
06-May-98	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-
25-May-00	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
9-Oct-01	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-
6-Oct-09	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
3-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	< 0.0050	134	-	-	-	0.12
12-Dec-13	< 0.01	< 0.002	0.011	0.189	< 0.0002	< 0.0004	140	< 0.001	-	< 0.002	9.34
29-May-14	-	-	-	-	-	< 0.0050	147	-	-	-	8.87
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
1-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
8-Apr-20	-	-	-	-	-	< 0.0050	112	-	-	-	6.13
2-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	< 0.10	< 0.060	< 0.010	0.158	< 0.0030	< 0.0050	117	< 0.010	-	< 0.020	6.55

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	DISSOLVED METALS											
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-1S												
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
3-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-	-
14-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
06-May-98	-	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-	-
25-May-00	-	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	-	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
9-Oct-01	-	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	-	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	-	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-	-
6-Oct-09	-	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
3-Nov-11	-	-	-	-	-	-	-	-	-	-	-	-
30-May-12	< 0.005	64	0.51	-	-	16	38	-	-	-	-	-
12-Dec-13	< 0.001	64	0.41	< 0.00003	0.002	20	51	< 0.005	< 0.001	< 0.002	-	0.005
29-May-14	< 0.005	67	0.45	-	-	20	49	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-	-
1-Jun-16	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-	-
8-Apr-20	-	45	0.32	-	-	16	40	-	-	-	-	-
2-Nov-21	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	< 0.005	43	0.33	< 0.00020	< 0.040	16	29	< 0.010	< 0.010	< 0.010	-	0.003

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA									
ORGANIC PARAMETERS (DETECTED)									
GROUNDWATER	Acetone (ug/l)	Benzene (ug/l)	2- Butanone (ug/l)	Chloro- benzene (ug/l)	1,4-Di- chloro- benzene (ug/l)	1,2-Di- chloro- benzene (ug/l)	Ethyl- benzene (ug/l)	Methyl Chloride (ug/l)	Tetra- chloro- ethene (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	0.7	-	5	3	3	5	5	5
TRIGGER VALUES	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1S	ANALYSIS METHOD								
27-Sep-96	(EPA 8260/8270)	< 10.0	21.0	-	6.00	3.00	-	10.00	< 5.00 < 5
3-Dec-96	(EPA 8260)	< 10.0	< 3.0	-	< 3.00	< 3.00	-	6.00	< 3.00 < 3
27-Feb-97	(EPA 8260)	< 10.0	5.0	-	< 3.00	< 3.00	-	< 3.00	< 3.00 < 3
14-May-97	(EPA 8260)	12.0	7.0	-	< 3.00	< 3.00	-	< 3.00	< 3.00 < 3
21-Aug-97	(EPA 8260)	< 10.0	11.0	-	3.00	< 3.00	-	4.00	< 3.00 < 3
18-Nov-97	(EPA 8260/8270)	< 10.0	10.0	-	4.00	< 3.00	-	< 3.00	< 3.00 < 3
23-Feb-98	(EPA 8260/8270)	47.0	7.6	-	3.10	1.60	-	1.40	< 1.00 < 1
06-May-98	(EPA 8260)	51.0	6.9	-	2.90	1.50	-	1.20	< 1.00 < 1
07-Jul-98	(EPA 8260)	84.0	6.6	-	3.30	1.70	-	< 1.00	< 1.00 < 1
14-Oct-98	-	-	-	-	-	-	-	-	-
28-Apr-99	(EPA 8260/8270)	< 20.0	6.3	-	< 5.00	< 5.00	-	< 5.00	< 5.00 < 5
03-Nov-99	-	-	-	-	-	-	-	-	-
25-May-00	-	-	-	-	-	-	-	-	-
11-Oct-00	(EPA 8260/8270)	< 20.0	< 5.0	-	< 5.00	< 5.00	-	< 5.00	< 5.00 < 5
17-Apr-01	(EPA 8260/8270)	< 20.0	< 5.0	-	< 5.00	< 5.00	-	< 5.00	< 5.00 < 5
9-Oct-01	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-
21-Oct-03	(EPA 8260/8270)	< 20.0	< 5.0	-	< 5.00	< 5.00	-	< 5.00	< 5.00 < 5
15-Apr-04	(EPA 8260/8270)	< 20.0	< 5.0	-	< 5.00	< 5.00	-	< 5.00	< 5.00 < 5
17-Oct-05	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260/8270)	8.6 J	1.5 J	0.61 J	1.30 J	0.78 J	0.46 J	< 5.00	< 5.00 < 5
12-Jun-08	-	-	-	-	-	-	-	-	-
6-Oct-09	(EPA 8260)	29.0	< 5.0	< 10.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00 < 5
16-Jun-10	(EPA 8260/8270)	27.0	1.6 J	< 10.00	0.93 J	0.55 J	< 5.00	< 5.00	1.40 J
3-Nov-11	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260/8270)	31.0	3.2 J	< 10.00	1.70 J	1.10 J	0.54 J	0.22 J	0.23 J < 5
29-May-14	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-
1-Jun-16	(EPA 8260)	67	3.4 J	< 50.00	1.8 J	1.10 J	< 25	2.2 J	< 25 < 25
18-Dec-17	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	< 50.0	2.2 J	< 50	1.6 J	< 25	< 25	2.6 J	1.8 BJ < 25
8-Apr-20	-	-	-	-	-	-	-	-	-
2-Nov-21	-	-	-	-	-	-	-	-	-
26-Apr-22	(EPA 8260)	< 50.0	1.6 J	4.1 J	1.3 J	< 25	< 25	< 25	< 25 < 25

9

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA				
ORGANIC PARAMETERS (DETECTED)				
GROUNDWATER	Phenol (ug/l)	Mepro- bamate (ug/l)	Xylenes (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	1	-	5	
TRIGGER VALUES	-	-	-	
<i>Monitoring Well</i>				
MW-1S	ANALYSIS METHOD			
27-Sep-96	(EPA 8260/8270)	-	3.0	56
3-Dec-96	(EPA 8260)	-	< 3.0	6
27-Feb-97	(EPA 8260)	-	< 3.0	5
14-May-97	(EPA 8260)	-	< 3.0	19
21-Aug-97	(EPA 8260)	-	< 3.0	18
18-Nov-97	(EPA 8260/8270)	82	< 3.0	176
23-Feb-98	(EPA 8260/8270)	500	< 2.0	1161
06-May-98	(EPA 8260)	-	< 2.0	64
07-Jul-98	(EPA 8260)	-	< 2.0	96
14-Oct-98	-	-	-	-
28-Apr-99	(EPA 8260/8270)	13.0	< 10.0	549
03-Nov-99	-	-	-	-
25-May-00	-	-	-	-
11-Oct-00	(EPA 8260/8270)	< 10.0	< 50	120
17-Apr-01	(EPA 8260/8270)	< 10.0	91	183
9-Oct-01	-	-	-	-
15-Apr-02	-	-	-	-
21-Oct-03	(EPA 8260/8270)	< 10.0	16	112
15-Apr-04	(EPA 8260/8270)	< 10.0	-	0
17-Oct-05	-	-	-	-
18-May-06	-	-	-	-
20-Dec-07	(EPA 8260/8270)	< 9.5	< 10.0	20
12-Jun-08	-	-	-	-
6-Oct-09	(EPA 8260)	-	< 10.0	29
16-Jun-10	(EPA 8260/8270)	< 5.0	< 10.0	38
3-Nov-11	-	-	-	-
30-May-12	-	-	-	-
12-Dec-13	(EPA 8260/8270)	< 9.4	35	198
29-May-14	-	-	-	-
17-Nov-15	-	-	-	-
1-Jun-16	(EPA 8260)	-	3.7 J	80
18-Dec-17	-	-	-	-
26-Jun-18	-	-	-	-
21-Nov-19	(EPA 8260)	-	4.6	28
8-Apr-20	-	-	-	-
2-Nov-21	-	-	-	-
26-Apr-22	(EPA 8260)	-	1.9 J	9

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA										
	FIELD PARAMETERS					INORGANIC PARAMETERS					
GROUNDWATER	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-1D											
27-Sep-96	51	< -200	7.1	400	-	22	210	206	250	2	33
03-Dec-96	48	-45	7.1	500	-	-	190	200	260	7	34
27-Feb-97	46	-55	6.6	500	4.6	-	220	230	240	6	35
13-May-97	51	-50	7.8	400	4.0	-	200	230	250	5	41
21-Aug-97	52	-20	7.1	400	7.3	-	270	230	290	6	32
18-Nov-97	45	-60	8.4	500	6.0	12	210	220	280	4	31
23-Feb-98	45	-80	7.1	400	3.4	10	200	243	280	4	39
06-May-98	50	< -200	7.4	400	3.8	-	210	240	260	4	25
07-Jul-98	49	< -200	7.4	400	3.7	-	220	260	270	4	38
14-Oct-98	48	-35	7.4	400	3.2	-	229	300	257	3	39
28-Apr-99	51	5	7.3	400	0.5	< 5	218	260	266	3	35
03-Nov-99	49	70	7.1	400	-	-	214	251	259	2	35
25-Apr-00	47	15	7.8	400	0.9	-	185	262	266	3	34
12-Oct-00	48	-65	8.4	300	1.5	10	220	262	265	4	36
17-Apr-01	48	-40	6.7	477	5.5	5	227	230	266	4	34
09-Oct-01	48	-35	7.5	400	1.8	-	228	260	265	6	32
15-Apr-02	49	-60	7.4	400	0.1	-	227	266	275	9	34
21-Oct-03	46	4	7.5	500	0.5	5	240	270	299	13	37
15-Apr-04	47	-27	7.7	500	0.7	5	245	265	285	12	36
17-Oct-05	49	-55	7.6	400	0.7	-	250	280	293	7	35
22-May-06	49	-50	7.5	500	0.8	-	236	548	289	7	34
20-Dec-07	39	-6	8.2	500	4.1	< 5	231	260	244	4	30
12-Jun-08	Well Damaged	-	-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged	-	-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged	-	-	-	-	-	-	-	-	-	-
02-Nov-11	49	-11	7.7	480	0.0	-	229	265	268	3	31
30-May-12	48	-121	7.8	400	1.5	-	220	240	239	3	27
12-Dec-13	48	-253	9.3	400	2.2	13	220	280	254	4	26
29-May-14	50	-52	7.4	500	1.3	-	258	277	285	5	29
17-Nov-15	50	-252	10.8	600	2.1	-	81	73	99	5	24
01-Jun-16	52	-100	11.0	-	1.7	1	147	118	204	6	28
18-Dec-17	47	7	7.6	600	2.1	-	241	269	291	8	27
26-Jun-18	53	-5	7.7	530	1.5	-	233	292	287	7	30
21-Nov-19	47	-111	7.9	542	4.6	15	239	286	319	8	32
08-Apr-20	47	-59	7.4	620	0.6	-	236	291	298	8	31
02-Nov-21	52	-137	7.7	543	5.0	-	262	281	313	10	32
26-Apr-22	48	45	7.7	542.2	3.1	2	260	287	311	10	32

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	INORGANIC PARAMETERS										
	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-1D</i>											
27-Sep-96	-	< 0.10	< 0.01	< 0.2	< 0.50	< 0.50	< 4.0	< 20	2	< 0.005	< 0.01
03-Dec-96	-	-	-	< 0.2	< 0.50	-	-	< 20	< 1	< 0.005	-
27-Feb-97	-	-	-	< 0.2	< 0.50	-	-	< 20	1	< 0.005	-
13-May-97	-	-	-	< 0.2	< 0.50	-	-	< 20	< 1	< 0.005	-
21-Aug-97	-	-	-	< 0.2	< 0.50	-	-	< 20	1	< 0.005	-
18-Nov-97	-	< 0.10	< 0.01	< 0.2	< 0.50	< 0.50	< 4.0	< 20	< 1	< 0.005	< 0.01
23-Feb-98	-	< 0.10	< 0.05	0.2	< 0.05	< 0.05	< 2.5	< 20	< 1	0.010	< 0.01
06-May-98	-	-	-	< 0.1	0.06	-	-	< 20	7	< 0.005	-
07-Jul-98	-	-	-	< 0.1	< 0.05	-	-	< 20	5	< 0.050	-
14-Oct-98	-	-	-	0.3	0.08	-	-	< 20	2	< 0.010	-
28-Apr-99	-	< 0.20	< 0.01	< 0.5	< 0.05	< 0.20	< 2.0	< 5	1	< 0.005	< 0.01
03-Nov-99	-	-	-	< 0.5	< 0.05	-	-	6	1	< 0.005	-
25-Apr-00	-	-	-	< 0.5	< 0.05	0.23	< 2.0	< 5	1	< 0.005	-
12-Oct-00	-	< 0.20	< 0.01	< 0.5	< 0.05	0.27	< 2.0	6	1	< 0.005	< 0.01
17-Apr-01	-	< 0.20	< 0.01	< 0.5	< 0.05	< 0.80	< 2.0	< 5	1	< 0.005	< 0.01
09-Oct-01	-	-	-	< 0.5	< 0.05	< 0.20	3.0	< 5	1	< 0.005	-
15-Apr-02	-	-	-	< 0.5	< 0.05	< 0.20	< 2.0	< 5	1	< 0.005	-
21-Oct-03	-	< 0.20	< 0.01	< 0.5	< 0.05	0.21	< 2.0	< 5	1	< 0.005	< 0.01
15-Apr-04	-	< 0.20	< 0.01	< 0.5	< 0.05	< 0.40	< 2.0	< 5	1	< 0.005	< 0.01
17-Oct-05	-	-	-	< 0.5	< 0.05	-	-	< 5	1	< 0.005	-
22-May-06	-	-	-	< 0.5	< 0.05	-	-	7	< 1	< 0.005	-
20-Dec-07	-	< 0.20	< 0.01	< 0.5	< 0.05	0.20	< 2.0	< 5	1	< 0.005	< 0.01
12-Jun-08	Well Damaged	-	-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged	-	-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged	-	-	-	-	-	-	-	-	-	-
02-Nov-11	-	-	-	< 1.0	0.06	-	-	< 5	1	< 0.005	-
30-May-12	-	-	-	< 1.0	0.05	0.12	< 2.0	< 5	1	< 0.005	-
12-Dec-13	-	< 0.02	< 0.01	< 1.0	0.12	0.24	< 2.0	< 5	2	0.004	< 0.01
29-May-14	-	-	-	< 1.0	0.01	< 0.20	< 2.0	< 5	1	< 0.005	-
17-Nov-15	-	-	-	< 1.0	0.25	0.47	5.4	16	3	0.007	-
01-Jun-16	-	< 0.20	< 0.01	< 1.0	0.15	0.22	< 2.0	10	3	< 0.005	< 0.01
18-Dec-17	-	-	-	< 1.0	< 0.05	< 0.20	< 2.0	< 5	1	0.004	-
26-Jun-18	-	-	-	< 1.0	< 0.05	0.17	< 2.0	< 5	2	< 0.005	-
21-Nov-19	-	< 0.20	< 0.01	< 1.0	0.29	0.58	< 2.0	7	2	0.002	< 0.005
08-Apr-20	-	-	-	< 1.0	0.07	0.14	< 2.0	6	1	< 0.005	-
02-Nov-21	-	-	-	< 1.0	< 0.05	< 0.20	< 2.0	< 5	1	< 0.005	-
26-Apr-22	-	< 0.20	< 0.01	0.2	< 0.05	< 0.20	< 2.0	< 5	1	< 0.005	< 0.005

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1D											
27-Sep-96	< 0.05	0.143	< 0.008	0.080	< 0.001	< 0.0010	49	< 0.005	-	0.090	0.47
03-Dec-96	-	-	-	-	-	< 0.0050	50	-	-	-	0.40
27-Feb-97	-	-	-	-	-	< 0.0050	55	-	-	-	0.47
13-May-97	-	-	-	-	-	< 0.0050	54	-	-	-	0.43
21-Aug-97	-	-	-	-	-	< 0.0050	57	-	-	-	0.47
18-Nov-97	0.08	< 0.003	< 0.001	< 0.300	< 0.005	< 0.0050	52	< 0.050	-	< 0.020	0.41
23-Feb-98	0.05	< 0.003	< 0.002	< 0.200	< 0.001	0.0004	56	< 0.002	-	< 0.030	0.43
06-May-98	-	-	-	-	-	< 0.0002	57	-	-	-	0.57
07-Jul-98	-	-	-	-	-	< 0.0002	62	-	-	-	0.38
14-Oct-98	-	-	-	-	-	< 0.0002	80	-	-	-	0.40
28-Apr-99	< 0.01	< 0.100	< 0.010	0.090	< 0.005	< 0.0050	57	< 0.010	-	< 0.020	0.34
03-Nov-99	-	-	-	-	-	< 0.0050	55	-	-	-	0.41
25-Apr-00	-	-	-	-	-	< 0.0050	58	-	-	-	0.37
12-Oct-00	< 0.10	< 0.060	< 0.010	0.092	< 0.005	< 0.0050	66	< 0.010	-	< 0.020	0.49
17-Apr-01	< 0.10	< 0.060	< 0.010	0.091	< 0.005	< 0.0050	61	< 0.010	-	< 0.020	0.38
09-Oct-01	-	-	-	-	-	< 0.0050	60	-	-	-	0.42
15-Apr-02	-	-	-	-	-	< 0.0050	62	-	-	-	0.40
21-Oct-03	< 0.10	< 0.060	< 0.010	0.114	< 0.005	< 0.0050	72	< 0.010	-	< 0.020	0.43
15-Apr-04	< 0.10	< 0.060	< 0.010	0.106	< 0.005	< 0.0050	73	< 0.010	-	< 0.020	0.40
17-Oct-05	-	-	-	-	-	< 0.0050	71	-	-	-	0.41
22-May-06	-	-	-	-	-	< 0.0050	66	-	-	-	0.37
20-Dec-07	< 0.10	< 0.060	< 0.010	0.092	< 0.005	< 0.0050	43	< 0.010	-	< 0.020	0.47
12-Jun-08	Well Damaged	-	-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged	-	-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged	-	-	-	-	-	-	-	-	-	-
02-Nov-11	-	-	-	-	-	< 0.0050	58	-	-	-	0.25
30-May-12	-	-	-	-	-	< 0.0050	47	-	-	-	0.36
12-Dec-13	< 0.01	< 0.002	< 0.003	0.114	< 0.0002	< 0.0004	54	< 0.001	-	< 0.002	0.26
29-May-14	-	-	-	-	-	< 0.0050	64	-	-	-	0.33
17-Nov-15	-	-	-	-	-	< 0.0050	9	-	-	-	0.09
01-Jun-16	0.01	< 0.060	< 0.010	0.026	< 0.0030	< 0.0050	16	< 0.010	-	< 0.020	0.12
18-Dec-17	-	-	-	-	-	< 0.0050	65	-	-	-	0.30
26-Jun-18	-	-	-	-	-	< 0.0050	68	-	-	-	0.48
21-Nov-19	0.05	< 0.060	< 0.010	0.113	< 0.0030	< 0.0050	70	< 0.010	-	< 0.020	0.47
08-Apr-20	-	-	-	-	-	< 0.0050	72	-	-	-	0.39
02-Nov-21	-	-	-	-	-	< 0.0050	70	-	-	-	0.27
26-Apr-22	< 0.10	< 0.060	< 0.010	0.112	< 0.0030	< 0.0050	71	< 0.010	-	< 0.020	0.16

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	TOTAL METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-1D</i>												
27-Sep-96	< 0.001	20	0.06	< 0.00020	< 0.002	2.5	3.6	< 0.004	< 0.005	< 0.001	-	0.034
03-Dec-96	0.004	19	-	-	-	2.1	3.9	-	-	-	-	-
27-Feb-97	< 0.001	23	0.06	-	-	1.8	3.5	-	-	-	-	-
13-May-97	< 0.001	22	0.06	-	-	2.0	2.7	-	-	-	-	-
21-Aug-97	0.001	22	0.06	-	-	4.1	3.4	-	-	-	-	-
18-Nov-97	0.004	21	0.05	< 0.00040	< 0.030	3.4	4.3	0.002	< 0.050	< 0.003	-	0.010
23-Feb-98	0.006	25	0.05	< 0.00020	< 0.001	1.9	2.7	< 0.002	< 0.001	< 0.001	-	< 0.010
06-May-98	< 0.001	25	0.06	-	-	2.4	3.0	-	-	-	-	-
07-Jul-98	< 0.001	26	0.06	-	-	3.0	3.0	-	-	-	-	-
14-Oct-98	< 0.001	23	0.05	-	-	3.0	4.0	-	-	-	-	-
28-Apr-99	< 0.005	22	0.06	< 0.00030	< 0.040	3.9	3.6	< 0.005	< 0.010	< 0.010	-	< 0.010
03-Nov-99	< 0.005	23	0.57	-	-	6.1	3.1	-	-	-	-	-
25-Apr-00	< 0.005	21	0.06	-	-	2.5	3.2	-	-	-	-	-
12-Oct-00	< 0.005	23	0.07	< 0.00030	< 0.040	2.5	3.0	< 0.005	< 0.010	< 0.010	-	< 0.020
17-Apr-01	< 0.005	21	0.06	< 0.00030	< 0.040	3.9	3.9	< 0.005	< 0.010	< 0.010	-	< 0.020
09-Oct-01	< 0.005	22	0.07	-	-	2.4	2.9	-	-	-	-	-
15-Apr-02	< 0.005	26	0.07	-	-	2.6	2.8	-	-	-	-	-
21-Oct-03	< 0.005	29	0.07	< 0.00030	< 0.040	2.8	3.7	< 0.005	< 0.010	< 0.010	-	< 0.020
15-Apr-04	< 0.005	30	0.08	< 0.00030	< 0.040	2.7	3.4	< 0.005	< 0.010	< 0.010	-	< 0.020
17-Oct-05	< 0.005	26	0.07	-	-	2.2	3.1	-	-	-	-	-
22-May-06	< 0.005	27	0.07	-	-	2.3	3.0	-	-	-	-	-
20-Dec-07	< 0.005	31	0.02	< 0.00020	< 0.040	4.2	4.0	< 0.010	< 0.010	< 0.010	-	< 0.020
12-Jun-08	Well Damaged	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged	-	-	-	-	-	-	-	-	-	-	-
02-Nov-11	< 0.005	24	0.05	-	-	2.6	3.1	-	-	-	-	-
30-May-12	< 0.005	25	0.04	-	-	3.5	4.3	-	-	-	-	-
12-Dec-13	0.001	21	0.05	< 0.00003	< 0.001	4.0	4.7	< 0.005	< 0.001	< 0.002	-	0.006
29-May-14	< 0.005	26	0.07	-	-	1.9	2.9	-	-	-	-	-
17-Nov-15	< 0.005	12	0.02	-	-	10.0	9.6	-	-	-	-	-
01-Jun-16	< 0.005	19	0.01	< 0.00020	< 0.040	8.0	8.1	< 0.010	< 0.010	0.007	-	0.008
18-Dec-17	< 0.005	26	0.08	-	-	2.5	4.6	-	-	-	-	-
26-Jun-18	< 0.005	30	0.06	-	-	9.5	7.1	-	-	-	-	-
21-Nov-19	< 0.005	27	0.08	< 0.00020	< 0.040	2.4	3.2	< 0.010	< 0.010	< 0.010	-	< 0.020
08-Apr-20	< 0.005	27	0.08	-	-	2.3	3.3	-	-	-	-	-
02-Nov-21	< 0.005	26	0.12	-	-	2.2	3.3	-	-	-	-	-
26-Apr-22	< 0.005	26	0.13	< 0.20000	< 0.040	2.8	3.6	< 0.010	< 0.010	< 0.010	-	0.009

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1D											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-
06-May-98	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
09-Oct-01	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	Well Damaged	-	-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged	-	-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged	-	-	-	-	-	-	-	-	-	-
02-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	DISSOLVED METALS										
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-1D											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-
06-May-98	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
09-Oct-01	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	Well Damaged		-	-	-	-	-	-	-	-	-
06-Oct-09	Well Damaged		-	-	-	-	-	-	-	-	-
16-Jun-10	Well Damaged		-	-	-	-	-	-	-	-	-
02-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Acetone (ug/l) Benzene (ug/l) Chloro- benzene (ug/l) 1,4-Di- chloro- benzene (ug/l) Ethyl- benzene (ug/l) Methyl Chloride (ug/l) Tetra- chloro- ethene (ug/l) Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 0.7 5 4.7 5 5 5 5
TRIGGER VALUES	- - - - - - - -
Monitoring Well MW-1D	METHOD
27-Sep-96	(EPA 8260) < 10.0 < 5 < 5.00 < 5.00 < 5 < 5 < 5 < 5
03-Dec-96	- - - - - - - -
27-Feb-97	- - - - - - - -
13-May-97	- - - - - - - -
21-Aug-97	- - - - - - - -
18-Nov-97	(EPA 8260) < 10.0 < 3 < 3 < 3 < 3 < 3 < 3 < 3
23-Feb-98	(EPA 8260) < 10.0 < 1 < 1 < 1 < 1 < 1 < 1 < 2
06-May-98	- - - - - - - -
07-Jul-98	- - - - - - - -
14-Oct-98	- - - - - - - -
28-Apr-99	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
03-Nov-99	- - - - - - - -
25-Apr-00	- - - - - - - -
12-Oct-00	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
17-Apr-01	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
09-Oct-01	- - - - - - - -
15-Apr-02	- - - - - - - -
21-Oct-03	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
15-Apr-04	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
17-Oct-05	- - - - - - - -
22-May-06	- - - - - - - -
20-Dec-07	(EPA 8260) 1.3 J < 5 0.60 J 0.32 J < 5 < 5 < 5 < 10
12-Jun-08	Well Damaged - - - - - - - -
06-Oct-09	Well Damaged - - - - - - - -
16-Jun-10	Well Damaged - - - - - - - -
02-Nov-11	- - - - - - - -
30-May-12	- - - - - - - -
12-Dec-13	(EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10
29-May-14	- - - - - - - -
17-Nov-15	- - - - - - - -
01-Jun-16	(EPA 8260) 2.7 J < 5 < 5 < 5 < 5 < 5 < 5 < 10
18-Dec-17	- - - - - - - -
26-Jun-18	- - - - - - - -
21-Nov-19	(EPA 8260) 6.4 BJ < 5 < 5 < 5 < 5 0.46 BJ < 5 < 10
08-Apr-20	- - - - - - - -
02-Nov-21	- - - - - - - -
26-Apr-22	(EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 5 < 10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Diethyl phthalate (ug/l) Trichloro- ethene (ug/l) Carbon Disulfide (ug/l) Bis- (2-ethylhexyl) -phthalate (ug/l) Toulene (ug/l) Primi- done (ug/l) Phenol (ug/l) Mepro- bamate (ug/l) 4-methyl 2- Pentanone (ug/l) SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 5 - 50 5 - 1 -
TRIGGER VALUES	- - - - - - - -
Monitoring Well MW-1D	METHOD
27-Sep-96	(EPA 8260) - <5 - - <5 - - - - 0.0
03-Dec-96	- - - - - - - - - -
27-Feb-97	- - - - - - - - - -
13-May-97	- - - - - - - - - -
21-Aug-97	- - - - - - - - - -
18-Nov-97	(EPA 8260) - <3 - - <3 - - - - 0.0
23-Feb-98	(EPA 8260) - <1 - - <1 - - - - 0.0
06-May-98	- - - - - - - - - -
07-Jul-98	- - - - - - - - - -
14-Oct-98	- - - - - - - - - -
28-Apr-99	(EPA 8260) - <5 - - <5 - - - - 0.0
03-Nov-99	- - - - - - - - - -
25-Apr-00	- - - - - - - - - -
12-Oct-00	(EPA 8260) - <5 - - <5 - - - - 0.0
17-Apr-01	(EPA 8260) - <5 - - <5 - - - - 0.0
09-Oct-01	- - - - - - - - - -
15-Apr-02	- - - - - - - - - -
21-Oct-03	(EPA 8260) - <5 - - <5 - - - - 0.0
15-Apr-04	(EPA 8260) - <5 - - <5 - - - - 0.0
17-Oct-05	- - - - - - - - - -
22-May-06	- - - - - - - - - -
20-Dec-07	(EPA 8260) - <5 - - <5 - - - - 2.2
12-Jun-08	Well Damaged - - - - - - - - - -
06-Oct-09	Well Damaged - - - - - - - - - -
16-Jun-10	Well Damaged - - - - - - - - - -
02-Nov-11	- - - - - - - - - -
30-May-12	- - - - - - - - - -
12-Dec-13	(EPA 8260) - <5 0.48 J - <5 - - - - 0.5
29-May-14	- - - - - - - - - -
17-Nov-15	- - - - - - - - - -
01-Jun-16	(EPA 8260) - <5 <10 - <5 - - - - 2.7
18-Dec-17	- - - - - - - - - -
26-Jun-18	- - - - - - - - - -
21-Nov-19	(EPA 8260) - <5 0.57 J - <5 - - - - 7.4
08-Apr-20	- - - - - - - - - -
02-Nov-21	- - - - - - - - - -
26-Apr-22	(EPA 8260) - <5 <10 - <5 - - - 0.42 J 0.4

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	FIELD PARAMETERS					INORGANIC PARAMETERS					
	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1											
27-Sep-96	59	225	7.4	500	-	22	230	575	260	< 1	10
03-Dec-96	44	245	7.6	500	-	-	220	850	220	3	8
26-Feb-97	43	215	7.3	400	1000.0	-	260	800	280	4	9
13-May-97	46	190	7.2	400	1000.0	-	250	870	250	3	9
21-Aug-97	59	210	7.4	400	1900.0	-	300	490	250	5	14
17-Nov-97	48	145	7.4	500	450.0	20	240	340	270	8	27
17-Feb-98	39	125	8.1	400	380.0	12	214	609	234	5	7
05-May-98	51	95	7.6	400	270.0	-	270	400	230	5	11
06-Jul-98	60	85	7.7	400	130.0	-	230	410	270	4	11
13-Oct-98	57	140	7.8	400	140.0	-	229	570	243	5	12
26-Apr-99	44	180	7.0	400	>200	< 5	236	321	271	4	9
02-Nov-99	53	325	7.8	400	-	-	246	343	264	13	12
24-Apr-00	41	180	7.8	400	>200	-	198	390	233	6	10
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	41	195	6.8	465	>1000	5	200	378	224	10	16
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
11-Apr-02	41	200	8.1	400	>200	-	187	241	230	10	18
20-Oct-03	53	105	7.5	500	120.0	5	238	264	286	13	28
14-Apr-04	176	210	7.6	300	176.0	5	230	260	242	9	11
13-Oct-05	57	48	7.8	500	220.0	-	257	310	298	14	19
18-May-06	51	7	7.4	400	20.0	-	280	343	293	3	7
20-Dec-07	39	36	7.7	500	316.7	10	267	350	273	2	6
11-Jun-08	56	-44	7.5	500	86.6	-	292	343	318	< 2	9
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	56	104	7.5	580	129.0	5	301	424	357	21	13
03-Nov-11	51	228	7.2	530	199.4	-	275	331	293	14	6
30-May-12	54	4	7.5	600	20.9	-	288	350	309	10	6
12-Dec-13	41	-6	7.6	700	58.1	24	305	390	376	34	30
29-May-14	55	-92	7.1	500	7.0	-	218	252	269	19	14
17-Nov-15	58	-14	7.5	600	8.2	-	272	309	337	39	30
01-Jun-16	53	45	8.0	800	25.3	1	264	203	365	31	21
18-Dec-17	45	69	7.1	700	4.5	-	285	328	341	28	13
26-Jun-18	57	57	7.6	640	4.4	-	267	292	319	20	14
21-Nov-19	44	174	7.5	712	9.9	7	316	345	397	28	18
08-Apr-20	43	16	7.6	670	14.9	-	262	303	316	18	13
02-Nov-21	54	-52	7.7	1096	8.5	-	324	482	507	80	49
29-Apr-22	47	143	7.8	608.5	8.4	3	310	308	355	13	17

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10.0	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1											
27-Sep-96	-	< 0.10	< 0.01	< 0.2	0.50	< 0.50	< 4.0	< 20	< 1	< 0.005	< 0.01
03-Dec-96	-	-	-	< 0.2	< 0.50	-	-	< 20	< 1	< 0.005	-
26-Feb-97	-	-	-	< 0.2	< 0.50	-	-	< 20	< 1	< 0.005	-
13-May-97	-	-	-	< 0.2	< 0.50	-	-	< 20	1	< 0.005	-
21-Aug-97	-	-	-	< 0.2	< 0.50	-	-	< 20	< 1	< 0.005	-
17-Nov-97	-	< 0.10	< 0.01	< 0.2	< 0.50	< 0.50	< 4.0	< 20	1	< 0.005	< 0.01
17-Feb-98	-	< 0.10	< 0.05	0.1	0.07	0.32	< 2.5	< 20	< 1	0.014	< 0.01
05-May-98	-	-	-	0.1	0.01	-	-	< 20	13	< 0.005	-
06-Jul-98	-	-	-	0.1	0.18	-	-	< 20	4	< 0.050	-
13-Oct-98	-	-	-	0.1	< 0.05	-	-	< 20	5	0.010	-
26-Apr-99	-	< 0.20	< 0.01	< 0.5	< 0.05	< 0.20	< 2.0	< 5	1	< 0.005	< 0.01
02-Nov-99	-	-	-	< 0.5	< 0.05	-	-	< 5	2	< 0.005	-
24-Apr-00	-	-	-	< 0.5	< 0.05	0.36	< 2.0	< 5	2	< 0.005	-
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	< 0.20	< 0.01	< 0.5	< 0.05	< 0.20	< 2.0	7	2	< 0.005	< 0.01
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	< 0.5	< 0.05	0.20	< 2.0	< 5	2	< 0.005	-
20-Oct-03	-	< 0.20	< 0.01	< 0.5	0.28	0.58	2.6	< 5	2	< 0.005	< 0.01
14-Apr-04	-	< 0.20	< 0.01	< 0.5	< 0.05	0.37	< 2.0	8	2	< 0.005	< 0.01
13-Oct-05	-	-	-	< 0.5	0.15	-	-	7	2	< 0.005	-
18-May-06	-	-	-	0.8	< 0.05	-	-	< 5	< 1	< 0.005	-
20-Dec-07	-	< 0.20	< 0.01	< 0.5	< 0.05	0.28	< 2.0	< 5	2	< 0.005	< 0.01
11-Jun-08	-	-	-	< 0.5	< 0.05	-	-	< 5	1	< 0.005	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	0.02	< 0.01	< 0.5	< 0.05	0.48	< 2.0	< 5	3	< 0.005	< 0.01
03-Nov-11	-	-	-	< 1.0	< 0.05	-	-	< 5	1	< 0.005	-
30-May-12	-	-	-	0.9	0.02	0.14	< 2.0	< 5	1	< 0.005	-
12-Dec-13	-	< 0.02	< 0.01	0.5	0.01	0.15	< 2.0	< 5	2	< 0.005	< 0.01
29-May-14	-	-	-	0.5	0.02	0.12	< 2.0	< 5	1	< 0.005	-
17-Nov-15	-	-	-	< 1.0	< 0.05	0.30	< 2.0	< 5	1	< 0.005	-
01-Jun-16	-	< 0.20	< 0.01	< 1.0	0.11	0.37	< 2.0	8	3	< 0.005	< 0.01
18-Dec-17	-	-	-	< 1.0	< 0.05	< 0.20	< 2.0	< 5	2	< 0.005	-
26-Jun-18	-	-	-	< 1.0	< 0.05	0.22	< 2.0	7	2	< 0.005	-
21-Nov-19	-	< 0.20	< 0.01	< 1.0	< 0.05	0.29	< 2.0	11	2	< 0.005	< 0.01
08-Apr-20	-	-	-	< 1.0	0.01	0.17	< 2.0	31	1	< 0.005	-
02-Nov-21	-	-	-	< 1.0	< 0.05	0.27	2.1	9	4	< 0.005	-
29-Apr-22	-	< 0.20	< 0.01	< 1.0	< 0.05	0.20	< 2.0	< 5	2	< 0.005	< 0.01

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1											
27-Sep-96	18.9	0.073	< 0.008	0.140	< 0.0010	0.0019	145	0.024	-	0.050	28.0
03-Dec-96	-	-	-	-	-	0.0060	250	-	-	-	59.0
26-Feb-97	-	-	-	-	-	< 0.0050	200	-	-	-	38.0
13-May-97	-	-	-	-	-	< 0.0050	230	-	-	-	40.0
21-Aug-97	-	-	-	-	-	< 0.0050	120	-	-	-	14.0
17-Nov-97	4.1	< 0.003	0.002	< 0.300	< 0.0050	< 0.0050	85	< 0.050	-	< 0.020	7.0
17-Feb-98	12.0	< 0.003	0.013	< 0.200	< 0.0010	0.0003	150	0.018	-	< 0.030	29.0
05-May-98	-	-	-	-	-	< 0.0002	95	-	-	-	12.0
06-Jul-98	-	-	-	-	-	< 0.0002	100	-	-	-	13.0
13-Oct-98	-	-	-	-	-	< 0.0002	150	-	-	-	24.0
26-Apr-99	4.2	< 0.100	< 0.010	0.040	< 0.0050	< 0.0050	77	< 0.010	-	< 0.020	7.0
02-Nov-99	-	-	-	-	-	< 0.0050	80	-	-	-	8.0
24-Apr-00	-	-	-	-	-	< 0.0050	93	-	-	-	13.6
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	12.1	< 0.060	< 0.010	0.083	< 0.0050	< 0.0050	103	0.012	-	< 0.020	16.6
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	< 0.0050	63	-	-	-	9.6
20-Oct-03	2.4	< 0.060	< 0.010	0.039	< 0.0050	< 0.0050	78	< 0.010	-	< 0.020	2.8
14-Apr-04	23.7	< 0.060	< 0.010	0.087	< 0.0050	< 0.0050	83	0.012	-	< 0.020	13.3
13-Oct-05	-	-	-	-	-	< 0.0050	81	-	-	-	5.3
18-May-06	-	-	-	-	-	< 0.0050	85	-	-	-	8.2
20-Dec-07	13.4	< 0.060	< 0.010	0.068	< 0.0050	< 0.0050	78	< 0.010	-	< 0.020	9.2
11-Jun-08	-	-	-	-	-	< 0.0050	80	-	-	-	20.2
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	6.3	< 0.004	< 0.005	0.046	< 0.0002	< 0.0003	87	0.006	< 0.01	0.005	4.5
03-Nov-11	-	-	-	-	-	< 0.0050	81	-	-	-	7.6
30-May-12	-	-	-	-	-	< 0.0050	77	-	-	-	3.6
12-Dec-13	4.1	< 0.002	< 0.003	0.037	0.0002	< 0.0004	84	0.001	-	< 0.002	3.0
29-May-14	-	-	-	-	-	< 0.0050	57	-	-	-	1.8
17-Nov-15	-	-	-	-	-	< 0.0050	81	-	-	-	0.6
01-Jun-16	1.4	< 0.060	< 0.010	0.032	< 0.0030	0.0003	52	0.002	-	< 0.002	1.3
18-Dec-17	-	-	-	-	-	< 0.0050	83	-	-	-	0.7
26-Jun-18	-	-	-	-	-	< 0.0050	75	-	-	-	0.29
21-Nov-19	1.8	< 0.060	< 0.010	0.037	< 0.0030	< 0.0050	83	0.002	-	< 0.020	1.5
08-Apr-20	-	-	-	-	-	< 0.0050	76	-	-	-	0.8
02-Nov-21	-	-	-	-	-	< 0.0050	101	-	-	-	0.1
29-Apr-22	0.3	< 0.060	< 0.010	0.021	< 0.0030	< 0.0050	75	< 0.010	-	< 0.020	0.2

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	TOTAL METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1												
27-Sep-96	0.018	52	1.01	< 0.00020	0.027	4.2	7.8	< 0.004	0.005	< 0.001	-	0.089
03-Dec-96	0.059	74	-	-	-	4.6	8.2	-	-	-	-	-
26-Feb-97	0.030	74	1.30	-	-	3.0	7.3	-	-	-	-	-
13-May-97	0.035	73	1.60	-	-	2.9	6.5	-	-	-	-	-
21-Aug-97	0.015	45	0.53	-	-	4.5	5.8	-	-	-	-	-
17-Nov-97	0.010	30	0.30	< 0.00040	< 0.030	1.8	16.0	< 0.001	< 0.050	< 0.003	-	0.040
17-Feb-98	0.021	57	0.87	< 0.00020	0.021	3.6	8.3	< 0.002	< 0.001	< 0.001	-	0.070
05-May-98	0.009	40	0.39	-	-	2.4	6.7	-	-	-	-	-
06-Jul-98	0.014	39	0.41	-	-	3.0	7.0	-	-	-	-	-
13-Oct-98	0.025	47	0.73	-	-	5.0	9.0	-	-	-	-	-
26-Apr-99	0.007	28	0.22	< 0.00030	< 0.040	< 2.0	8.9	< 0.005	< 0.010	< 0.010	-	0.019
02-Nov-99	0.008	30	0.25	-	-	5.6	17.0	-	-	-	-	-
24-Apr-00	0.022	32	0.44	-	-	< 2.0	18.8	-	-	-	-	-
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	0.010	35	0.50	< 0.00030	< 0.040	3.0	11.1	0.015	< 0.010	< 0.010	-	0.055
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
11-Apr-02	0.010	25	0.19	-	-	2.6	14.4	-	-	-	-	-
20-Oct-03	< 0.005	25	0.24	< 0.00030	< 0.040	< 2.0	12.8	< 0.005	< 0.010	< 0.010	-	< 0.020
14-Apr-04	0.022	33	0.38	< 0.00030	< 0.040	3.7	15.0	< 0.005	< 0.010	< 0.010	-	0.039
13-Oct-05	0.007	29	0.15	-	-	2.2	11.6	-	-	-	-	-
18-May-06	0.011	32	0.19	-	-	2.6	11.1	-	-	-	-	-
20-Dec-07	0.016	31	0.21	< 0.00020	< 0.040	2.5	11.5	< 0.010	< 0.010	< 0.010	-	0.031
11-Jun-08	0.008	31	0.13	-	-	< 2.0	12.1	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	0.006	33	0.11	< 0.00001	< 0.003	2.0	12.6	< 0.008	< 0.002	< 0.003	< 0.006	0.016
03-Nov-11	0.010	31	0.16	-	-	2.8	12.0	-	-	-	-	-
30-May-12	0.003	32	0.10	-	-	1.9	11.9	-	-	-	-	-
12-Dec-13	0.003	33	0.08	< 0.00003	0.002	1.4	13.7	< 0.005	< 0.001	< 0.002	-	0.013
29-May-14	0.002	22	0.04	-	-	0.8	15.0	-	-	-	-	-
17-Nov-15	< 0.005	26	0.03	-	-	0.9	16.5	-	-	-	-	-
01-Jun-16	< 0.005	18	0.04	< 0.00020	< 0.040	0.8	10.9	< 0.010	< 0.010	0.006	-	< 0.020
18-Dec-17	< 0.005	30	0.21	-	-	0.5	13.6	-	-	-	-	-
26-Jun-18	< 0.005	25	0.22	-	-	0.2	16.2	-	-	-	-	-
21-Nov-19	< 0.005	34	0.08	< 0.00020	< 0.040	0.7	26.3	< 0.010	< 0.010	< 0.010	-	< 0.020
08-Apr-20	0.003	28	0.16	-	-	0.2	13.2	-	-	-	-	-
02-Nov-21	< 0.005	55.9	0.01	-	-	0.4	33.6	-	-	-	-	-
29-Apr-22	< 0.005	29.5	0.05	< 0.00020	< 0.040	< 2.0	18.0	< 0.010	< 0.010	< 0.010	-	< 0.020

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	DISSOLVED METALS										
	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-
26-Feb-97	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
17-Nov-97	-	-	-	-	-	-	-	-	-	-	-
17-Feb-98	-	-	-	-	-	-	-	-	-	-	-
05-May-98	-	-	-	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-
02-Nov-99	-	-	-	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-	-	-	-
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-
13-Oct-05	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	< 0.01	< 0.002	< 0.003	0.018	< 0.0002	< 0.0004	81	< 0.001	-	< 0.002	< 0.010
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
29-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	DISSOLVED METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-SW-1												
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
26-Feb-97	-	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
17-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
17-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
05-May-98	-	-	-	-	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-99	-	-	-	-	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-	-	-	-	-
05-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-	-
13-Oct-05	-	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	< 0.001	32	< 0.001	< 0.00003	< 0.001	0.5	13.6	< 0.005	< 0.001	< 0.002	-	0.006
29-May-14	-	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-	-
29-Apr-22	-	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Acetone (ug/l) Benzene (ug/l) Chloro- benzene (ug/l) 1,4-Di- chloro- benzene (ug/l) Ethyl- benzene (ug/l) Methyl Chloride (ug/l) Tetra- chloro- ethene (ug/l) Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 0.7 5 4.7 5 5 5 5
TRIGGER VALUES	- - - - - - - -
Monitoring Well MW-SW-1	ANALYSIS METHOD
27-Sep-96	(EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 5
03-Dec-96	- - - - - - - -
26-Feb-97	- - - - - - - -
13-May-97	- - - - - - - -
21-Aug-97	- - - - - - - -
17-Nov-97	(EPA 8260) < 10.0 < 3 < 3 < 3 < 3 < 3 < 3
17-Feb-98	(EPA 8260) < 10.0 < 1 < 1 < 1 < 1 < 1 < 2
05-May-98	- - - - - - - -
06-Jul-98	- - - - - - - -
13-Oct-98	- - - - - - - -
26-Apr-99	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
02-Nov-99	- - - - - - - -
24-Apr-00	- - - - - - - -
05-Oct-00	DRY - - - - - - - -
17-Apr-01	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
04-Oct-01	DRY - - - - - - - -
11-Apr-02	- - - - - - - -
20-Oct-03	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
14-Apr-04	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
13-Oct-05	- - - - - - - -
18-May-06	- - - - - - - -
20-Dec-07	(EPA 8260) 1.3 J < 5 < 5 < 5 < 5 < 5 < 10
11-Jun-08	- - - - - - - -
06-Oct-09	DRY - - - - - - - -
16-Jun-10	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
03-Nov-11	- - - - - - - -
30-May-12	- - - - - - - -
12-Dec-13	(EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10
29-May-14	- - - - - - - -
17-Nov-15	- - - - - - - -
01-Jun-16	- - - - - - - -
18-Dec-17	- - - - - - - -
26-Jun-18	- - - - - - - -
21-Nov-19	(EPA 8260) < 10 < 5 < 5 < 5 < 5 < 5 < 10
08-Apr-20	- - - - - - - -
02-Nov-21	- - - - - - - -
29-Apr-22	(EPA 8260) < 10 < 5 < 5 < 5 < 5 < 5 < 10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	-	
TRIGGER VALUES	-	-	-	-	-	-	-	
<i>Monitoring Well</i> MW-SW-1	ANALYSIS METHOD							
27-Sep-96	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
03-Dec-96	-	-	-	-	-	-	-	-
26-Feb-97	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-
17-Nov-97	(EPA 8260)	-	< 3	-	< 3	-	-	0.0
17-Feb-98	(EPA 8260)	-	< 1	-	< 1	-	-	0.0
05-May-98	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-
26-Apr-99	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
02-Nov-99	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-
05-Oct-00	DRY	-	-	-	-	-	-	-
17-Apr-01	(EPA 8260/8270)	< 10	< 5	-	< 5	< 48	< 10	0.0
04-Oct-01	DRY	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-
20-Oct-03	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
14-Apr-04	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
13-Oct-05	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260)	-	< 5	-	< 5	-	-	1.3
11-Jun-08	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-
16-Jun-10	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
03-Nov-11	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
29-May-14	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-
01-Jun-16	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
18-Dec-17	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
08-Apr-20	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-
29-Apr-22	(EPA 8260)	-	< 5	-	< 5	-	-	0.0

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	FIELD PARAMETERS					INORGANIC PARAMETERS					
	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-4S</i>											
30-Sep-96	59	5	6.4	1500	-	550	640	533	810	18	11
02-Dec-96	49	-65	7.1	1600	-	-	480	560	810	14	120
27-Feb-97	44	< -200	6.3	1500	450.0	-	780	690	850	13	57
14-May-97	47	< -200	6.5	1400	400.0	-	710	660	800	17	21
21-Aug-97	58	< -200	6.6	1500	280.0	-	500	610	820	22	29
19-Nov-97	48	< -200	5.6	2600	750.0	900	360	1000	1900	11	950
23-Feb-98	42	< -200	6.6	-	130.0	88	440	1150	1500	16	730
07-May-98	50	< -200	6.6	1300	220.0	-	600	720	930	16	290
07-Jul-98	52	< -200	6.6	1300	260.0	-	630	800	950	16	160
14-Oct-98	55	< -200	6.5	1100	220.0	-	509	660	817	9	260
27-Apr-99	45	< -200	7.0	1200	>200	60	690	714	726	15	52
03-Nov-99	53	< -200	6.6	1300	-	-	542	720	956	9	316
25-Apr-00	46	-50	6.7	1200	>200	-	318	560	688	6	220
11-Oct-00	53	< -200	6.6	1000	>200	100	706	686	617	14	29
17-Apr-01	53	< -80	6.4	1670	679.0	100	320	844	1210	19	515
04-Oct-01	58	< -200	6.7	1300	200.0	-	540	720	861	13	209
15-Apr-02	46	< -200	6.7	1400	85.0	-	321	750	1100	31	553
21-Oct-03	WELL DAMAGED			-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED			-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED			-	-	-	-	-	-	-	-
23-May-06	46	-53	7.1	600	16.8	-	236	330	361	3	57
20-Dec-07	44	-76	7.5	400	101.7	150	195	200	218	< 2	30
12-Jun-08	50	-55	7.4	500	35.3	-	223	221	278	< 2	23
06-Oct-09	56	-25	6.6	700	82.3	-	366	340	373	3	5
16-Jun-10	51	-39	6.9	370	39.5	30	161	221	188	< 2	11
03-Nov-11	51	-58	6.7	580	48.9	-	210	205	223	< 2	5
30-May-12	54	-97	6.6	500	25.7	-	237	261	317	2	5
12-Dec-13	46	-91	6.9	600	56.2	185	278	270	298	1	< 2
29-May-14	56	-63	6.6	400	7.0	-	199	204	257	1	6
17-Nov-15	52	-66	6.7	600	8.0	-	349	325	326	1	2
01-Jun-16	50	-110	6.9	800	16.6	35	261	197	304	2	4
18-Dec-17	43	-27	6.7	600	4.7	-	335	263	307	1	1
26-Jun-18	54	-17	6.5	840	39.5	-	316	281	376	3	1
21-Nov-19	47	-57	7.0	620	43.4	400	251	244	298	1	5
08-Apr-20	44	-57	6.8	760	15.8	-	289	274	272	1	1
02-Nov-21	52	-124	7.0	702	18.1	-	349	291	316	1	7
16-May-22	Field Parameters Not Taken					38	280	252	321	2	1

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-4S</i>											
30-Sep-96	-	0.10	< 0.01	< 0.2	19.0	22.00	15.0	130	42	0.015	< 0.01
02-Dec-96	-	-	-	< 0.2	18.0	-	-	96	< 10	0.009	-
27-Feb-97	-	-	-	< 0.2	18.0	-	-	84	31	0.007	-
14-May-97	-	-	-	< 0.2	16.0	-	-	98	32	0.014	-
21-Aug-97	-	-	-	< 0.2	14.0	-	-	93	38	0.021	-
19-Nov-97	-	0.20	< 0.01	< 0.2	17.0	18.00	18.0	110	35	< 0.005	< 0.01
23-Feb-98	-	0.18	< 0.05	0.1	14.0	17.00	4.0	70	22	0.035	< 0.01
07-May-98	-	-	-	< 0.1	15.0	-	-	72	47	0.020	-
07-Jul-98	-	-	-	< 0.1	15.0	-	-	78	42	< 0.050	-
14-Oct-98	-	-	-	< 0.1	14.0	-	-	70	28	0.028	-
27-Apr-99	-	0.33	< 0.01	< 0.5	14.0	15.00	18.0	79	32	< 0.005	< 0.01
03-Nov-99	-	-	-	< 0.5	19.0	-	-	81	29	< 0.005	-
25-Apr-00	-	-	-	< 0.5	14.8	16.40	12.4	45	17	0.008	-
11-Oct-00	-	0.54	-	< 0.5	22.5	27.10	6.2	71	24	0.012	< 0.01
17-Apr-01	-	0.25	< 0.01	< 0.5	19.7	19.20	6.9	47	16	< 0.005	< 0.01
04-Oct-01	-	-	-	< 0.5	17.5	17.70	6.2	63	22	0.010	-
15-Apr-02	-	-	-	< 0.5	15.0	14.90	6.4	38	14	< 0.005	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	< 0.5	1.8	-	-	35	8	< 0.005	-
20-Dec-07	-	< 0.20	< 0.05	< 0.5	1.5	2.26	< 2.0	19	9	< 0.005	< 0.01
12-Jun-08	-	-	-	< 0.5	1.7	-	-	16	10	< 0.005	-
06-Oct-09	-	-	-	< 0.5	2.4	3.18	14.0	35	15	< 0.005	-
16-Jun-10	-	0.03	< 0.05	< 0.5	1.1	1.68	< 2.0	30	12	< 0.005	< 0.01
03-Nov-11	-	-	-	< 1.0	1.0	1.94	4.5	42	16	< 0.005	-
30-May-12	-	-	-	< 1.0	1.2	2.00	3.7	40	13	< 0.005	-
12-Dec-13	-	0.09	< 0.01	< 1.0	1.8	2.39	8.4	34	14	0.003	< 0.01
29-May-14	-	-	-	< 1.0	1.2	1.71	13.7	40	14	< 0.005	-
17-Nov-15	-	-	-	< 1.0	3.3	4.27	7.7	52	20	0.004	-
01-Jun-16	-	0.02	< 0.01	< 1.0	2.5	2.57	8.3	47	20	0.004	0.002
18-Dec-17	-	-	-	< 1.0	3.4	3.45	5.4	40	17	0.003	-
26-Jun-18	-	-	-	< 1.0	3.3	4.85	7.6	60	18	0.004	-
21-Nov-19	-	0.05	< 0.1	< 1.0	3.4	4.47	6.6	47	15	0.002	< 0.005
08-Apr-20	-	-	-	0.5	2.5	3.18	8.9	39	13	< 0.005	-
02-Nov-21	-	-	-	< 1.0	2.8	3.99	5.9	40	17	< 0.005	-
16-May-22	-	0.04	< 0.1	< 1.0	2.0	2.46	4.4	35	12	< 0.005	< 0.005

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-4S</i>											
30-Sep-96	4.10	0.012	< 0.008	0.27	< 0.0010	0.0020	149	0.007	-	0.080	39.0
02-Dec-96	-	-	-	-	-	< 0.0050	160	-	-	-	49.0
27-Feb-97	-	-	-	-	-	0.0080	190	-	-	-	64.0
14-May-97	-	-	-	-	-	< 0.0050	180	-	-	-	65.0
21-Aug-97	-	-	-	-	-	< 0.0050	170	-	-	-	72.0
19-Nov-97	1.30	< 0.003	0.018	0.30	< 0.0050	0.0200	270	< 0.050	-	< 0.020	96.0
23-Feb-98	5.40	< 0.003	0.028	0.40	< 0.0010	0.0012	280	0.011	-	< 0.030	120.0
07-May-98	-	-	-	-	-	0.0003	180	-	-	-	70.0
07-Jul-98	-	-	-	-	-	< 0.0002	200	-	-	-	70.0
14-Oct-98	-	-	-	-	-	< 0.0002	170	-	-	-	64.0
27-Apr-99	1.30	< 0.100	0.034	0.24	< 0.0050	< 0.0050	170	< 0.010	-	< 0.020	78.0
03-Nov-99	-	-	-	-	-	< 0.0050	192	-	-	-	69.0
25-Apr-00	-	-	-	-	-	< 0.0050	135	-	-	-	53.1
11-Oct-00	8.69	< 0.060	0.017	0.31	< 0.0050	< 0.0050	197	0.012	-	< 0.020	41.3
17-Apr-01	1.46	< 0.060	0.019	0.29	< 0.0050	< 0.0050	234	< 0.010	-	< 0.020	67.8
04-Oct-01	-	-	-	-	-	< 0.0050	174	-	-	-	42.7
15-Apr-02	-	-	-	-	-	< 0.0050	209	-	-	-	60.6
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	< 0.0050	70	-	-	-	22.7
20-Dec-07	0.39	< 0.060	< 0.010	0.04	< 0.0050	< 0.0050	46	< 0.010	-	< 0.020	23.7
12-Jun-08	-	-	-	-	-	< 0.0050	58	-	-	-	20.2
06-Oct-09	-	-	-	-	-	< 0.0050	84	-	-	-	28.5
16-Jun-10	0.79	< 0.004	0.008	0.04	< 0.0002	< 0.0003	45	0.004	< 0.01	0.003	19.0
03-Nov-11	-	-	-	-	-	< 0.0050	48	-	-	-	31.3
30-May-12	-	-	-	-	-	< 0.0050	63	-	-	-	38.7
12-Dec-13	0.31	0.002	0.013	0.05	< 0.0002	< 0.0004	55	< 0.001	-	< 0.002	44.0
29-May-14	-	-	-	-	-	< 0.0050	46	-	-	-	35.5
17-Nov-15	-	-	-	-	-	< 0.0050	95	-	-	-	27.5
01-Jun-16	0.23	< 0.060	0.012	0.04	< 0.0030	0.0009	52	0.001	-	< 0.020	44.8
18-Dec-17	-	-	-	-	-	< 0.0050	70	-	-	-	47.9
26-Jun-18	-	-	-	-	-	< 0.0050	72	-	-	-	68.4
21-Nov-19	0.17	< 0.060	0.010	0.07	< 0.0030	< 0.0050	67	0.001	-	< 0.020	46.0
08-Apr-20	-	-	-	-	-	< 0.0050	74	-	-	-	59.7
02-Nov-21	-	-	-	-	-	< 0.0050	80	-	-	-	48.7
16-May-22	0.26	< 0.060	< 0.010	0.05	< 0.0030	< 0.0050	67	< 0.010	-	< 0.020	55.4

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	TOTAL METALS											
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-4S												
30-Sep-96	< 0.001	39.0	1.30	< 0.00020	< 0.020	20	15.0	< 0.004	< 0.005	< 0.001	-	0.046
02-Dec-96	0.005	39.0	-	-	-	17	12.0	-	-	-	-	-
27-Feb-97	0.007	53.0	1.30	-	-	16	11.0	-	-	-	-	-
14-May-97	0.009	51.0	1.30	-	-	12	11.0	-	-	-	-	-
21-Aug-97	0.003	44.0	3.60	-	-	29	17.0	-	-	-	-	-
19-Nov-97	< 0.001	88.0	6.10	< 0.00040	< 0.030	24	16.0	< 0.001	< 0.050	< 0.003	-	0.230
23-Feb-98	0.005	110.0	6.40	< 0.00020	0.015	17	14.0	< 0.002	< 0.001	< 0.001	-	0.031
07-May-98	0.001	65.0	2.90	-	-	14	15.0	-	-	-	-	-
07-Jul-98	< 0.001	74.0	4.60	-	-	17	14.0	-	-	-	-	-
14-Oct-98	0.002	58.0	4.20	-	-	15	9.0	-	-	-	-	-
27-Apr-99	< 0.005	55.0	3.20	< 0.00030	< 0.040	14	16.0	< 0.005	< 0.010	< 0.010	-	0.047
03-Nov-99	< 0.005	58.0	2.20	-	-	18	20.0	-	-	-	-	-
25-Apr-00	< 0.005	38.0	1.58	-	-	13	11.3	-	-	-	-	-
11-Oct-00	< 0.005	52.5	1.69	< 0.00030	< 0.040	23	20.4	0.011	< 0.010	< 0.010	-	0.024
17-Apr-01	< 0.005	60.0	2.21	< 0.00030	< 0.040	17	12.2	0.006	< 0.010	< 0.010	-	< 0.020
04-Oct-01	< 0.005	57.0	1.98	-	-	16	7.9	-	-	-	-	-
15-Apr-02	< 0.005	64.6	2.84	-	-	15	8.1	-	-	-	-	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
23-May-06	0.005	23.8	4.07	-	-	8	1.4	-	-	-	-	-
20-Dec-07	< 0.005	14.9	2.27	< 0.00020	< 0.040	5	< 1.0	< 0.010	< 0.010	< 0.010	-	< 0.020
12-Jun-08	< 0.005	18.0	3.58	-	-	6	< 1.0	-	-	-	-	-
06-Oct-09	< 0.005	25.5	4.19	-	-	8	1.6	-	-	-	-	-
16-Jun-10	0.003	13.6	2.40	< 0.01400	< 0.003	4	0.9	< 0.008	< 0.002	< 0.003	< 0.006	0.009
03-Nov-11	< 0.005	17.0	3.30	-	-	4	1.3	-	-	-	-	-
30-May-12	0.001	21.2	4.27	-	-	5	1.1	-	-	-	-	-
12-Dec-13	< 0.001	17.9	2.91	< 0.00003	< 0.001	4	0.9	< 0.005	0.002	< 0.002	-	0.007
29-May-14	< 0.005	16.6	2.28	-	-	3	0.7	-	-	-	-	-
17-Nov-15	< 0.005	21.1	2.05	-	-	6	1.2	-	-	-	-	-
01-Jun-16	< 0.005	16.5	2.01	< 0.00020	< 0.040	3	1.1	< 0.010	< 0.010	< 0.010	-	0.008
18-Dec-17	< 0.005	21.7	2.90	-	-	4	1.6	-	-	-	-	-
26-Jun-18	< 0.005	24.7	2.92	-	-	4	1.7	-	-	-	-	-
21-Nov-19	< 0.005	18.7	1.89	< 0.00020	< 0.040	4	1.3	< 0.010	< 0.010	< 0.010	-	< 0.020
08-Apr-20	< 0.005	21.4	2.41	-	-	3	1.1	-	-	-	-	-
02-Nov-21	< 0.005	22.5	1.91	-	-	4	1.5	-	-	-	-	-
16-May-22	< 0.005	20.4	2.30	< 0.00020	< 0.040	3	1.2	< 0.010	< 0.010	< 0.010	-	0.008

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-4S											
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-
02-Dec-96	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-
14-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-
27-Apr-99	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	< 0.01	< 0.002	0.006	0.05	< 0.0002	< 0.0004	59	< 0.001	-	< 0.002	33
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
16-May-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	DISSOLVED METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-4S												
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
02-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
27-Feb-97	-	-	-	-	-	-	-	-	-	-	-	-
14-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
23-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-	-
07-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
14-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
27-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	-	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	-	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	< 0.001	18	2.9	< 0.00003	< 0.001	4	1.0	< 0.0045	0.002	< 0.002	-	0.006
29-May-14	-	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-	-
16-May-22	-	-	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
	ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER		Acetone (ug/l)	Benzene (ug/l)	Chloro- benzene (ug/l)	1,4-Di- chloro- benzene (ug/l)	Ethyl- benzene (ug/l)	Methyl Chloride (ug/l)	Tetra- chloro- ethene (ug/l)	Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD		[50]	0.7	5	4.7	5	5	5	5
TRIGGER VALUES		-	-	-	-	-	-	-	-
Monitoring Well MW-4S	ANALYSIS METHOD								
30-Sep-96	(EPA 8260/8270)	24.0	< 5	3.00	< 5.00	11	< 5	< 5	22
02-Dec-96	(EPA 8260)	< 10.0	< 3	< 3.00	< 3.00	7	< 3	< 3	8
27-Feb-97	(EPA 8260)	< 10.0	< 3	< 3.00	< 3.00	< 3	< 3	< 3	< 3
14-May-97	(EPA 8260)	< 10.0	< 3	< 3.00	< 3.00	< 3	< 3	< 3	< 3
21-Aug-97	(EPA 8260)	< 10.0	4	5.00	< 3.00	21	< 3	< 3	8
19-Nov-97	(EPA 8260/8270)	< 10.0	< 3	< 3.00	< 3.00	15	< 3	< 3	< 3
23-Feb-98	(EPA 8260/8270)	21.0	1	2.80	< 1.00	11	< 1	< 1	< 2
07-May-98	(EPA 8260)	26.0	3	4.30	1.20	16	< 1	< 1	2
07-Jul-98	(EPA 8260)	22.0	2	3.80	1.50	12	< 1	< 1	< 2
14-Oct-98	-	-	-	-	-	-	-	-	-
27-Apr-99	(EPA 8260/8270)	< 20.0	< 5	5.60	< 5.00	14	< 5	< 5	< 10
03-Nov-99	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-
11-Oct-00	(EPA 8260/8270)	< 20.0	< 5	8.40	< 5.00	14	< 5	< 5	< 10
17-Apr-01	(EPA 8260/8270)	< 20.0	< 5	< 5.00	< 5.00	< 5	< 5	< 5	< 10
04-Oct-01	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260/8270)	2.6 J	< 5	0.6 J	0.32 J	< 5	< 5	< 5	< 10
12-Jun-08	-	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	< 20.0	< 5	< 5.00	< 5.00	< 5	< 5	< 5	< 10
16-Jun-10	(EPA 8260/8270)	2.6 J	< 5	0.42 J	< 5.00	< 5	< 5	< 5	< 10
03-Nov-11	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	2.2 J	< 5	0.82 J	0.25 J	< 5	< 5	< 5	< 10
29-May-14	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-
01-Jun-16	(EPA 8260)	6.7 J	0.52 J	0.76 J	0.27 J	< 5	< 5	< 5	< 10
18-Dec-17	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	5.1 BJ	0.36 J	0.81 J	0.25 J	< 5	< 5	< 5	< 5
08-Apr-20	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-
16-May-22	(EPA 8260)	< 0.01	0.41 J	0.64 J	0.32 J	< 5	< 5	< 5	< 5

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	-	
TRIGGER VALUES	-	-	-	-	-	-	-	
<i>Monitoring Well MW-4S</i>	ANALYSIS METHOD							
30-Sep-96	(EPA 8260/8270)	5.0	< 5	6.0	3	-	-	74.0
02-Dec-96	(EPA 8260)	-	< 3	-	< 3	-	-	15.0
27-Feb-97	(EPA 8260)	-	< 3	-	< 3	-	-	0.0
14-May-97	(EPA 8260)	-	< 3	-	< 3	-	-	0.0
21-Aug-97	(EPA 8260)	-	< 3	-	< 3	-	-	38.0
19-Nov-97	(EPA 8260/8270)	< 5.0	< 3	< 5.0	< 3	160	-	205.0
23-Feb-98	(EPA 8260/8270)	8.0	< 1	< 5.0	< 1	220	-	384.0
07-May-98	(EPA 8260)	-	< 1	-	< 1	-	-	52.0
07-Jul-98	(EPA 8260)	-	< 1	-	< 1	-	-	42.0
14-Oct-98	-	-	-	-	-	-	-	-
27-Apr-99	(EPA 8260/8270)	18.0	< 5	8.2	< 5	240	< 10	396.0
03-Nov-99	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-
11-Oct-00	(EPA 8260/8270)	22.0	< 5	< 10.0	< 5	160	< 10	204.0
17-Apr-01	(EPA 8260/8270)	< 9.5	< 5	< 9.5	< 5	< 48	< 10	0.0
04-Oct-01	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-
21-Oct-03	WELL DAMAGED	-	-	-	-	-	-	-
15-Apr-04	WELL DAMAGED	-	-	-	-	-	-	-
19-Oct-05	WELL DAMAGED	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260/8270)	< 10.0	< 5	4.0 J	< 5	-	< 10	7.5
12-Jun-08	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
16-Jun-10	(EPA 8260/8270)	< 9.4	< 5	1.3 J	< 5	-	< 10	4.3
03-Nov-11	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	-	< 5	-	< 5	-	-	3.3
29-May-14	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-
01-Jun-16	(EPA 8260)	-	< 5	-	< 5	-	-	8.3
18-Dec-17	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	-	< 5	-	< 5	-	-	6.5
08-Apr-20	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-
16-May-22	(EPA 8260)	-	< 5	-	< 5	-	-	1.4

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	FIELD PARAMETERS					INORGANIC PARAMETERS					
	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-10S</i>											
27-Sep-96	60	265	7.1	800	-	21	390	439	510	3	96
05-Dec-96	46	195	6.7	800	-	-	360	490	490	8	77
28-Feb-97	39	220	7.1	900	1300.0	-	390	870	570	8	130
13-May-97	47	220	7.3	800	950.0	-	360	870	570	5	170
21-Aug-97	65	115	7.6	900	1000.0	-	430	910	680	5	160
18-Nov-97	48	115	7.6	900	1200.0	15	370	790	640	4	150
17-Feb-98	43	135	7.4	800	730.0	2	355	1270	591	5	160
05-May-98	46	40	7.4	700	2.5	-	420	950	910	4	170
06-Jul-98	62	60	7.1	900	550.0	-	410	1100	850	3	15
13-Oct-98	58	90	7.1	800	400.0	-	439	910	660	3	220
26-Apr-99	44	190	7.0	800	>1100.00	< 5	389	1020	740	8	218
02-Nov-99	54	340	7.2	900	-	-	403	1050	651	14	173
24-Apr-00	44	205	7.6	900	>1100.00	-	403	1340	638	23	148
05-Oct-00	57	120	7.1	900	116.0	10	398	1020	709	27	246
17-Apr-01	43	175	6.9	1060	>1100.00	5	395	1080	705	20	175
04-Oct-01	59	185	7.1	1100	>1100.00	-	418	1150	826	17	261
11-Apr-02	42	160	7.8	800	>1100.00	-	353	930	594	9	172
20-Oct-03	54	136	7.0	900	400.0	< 5	395	650	582	9	133
14-Apr-04	39	223	7.3	700	>1100.00	5	364	640	480	4	79
13-Oct-05	58	147	7.2	800	>1100.00	-	406	640	476	< 2	56
18-May-06	49	58	7.2	700	934.0	-	401	676	455	< 2	37
20-Dec-07	38	15	8.1	700	114.2	15	397	630	413	< 2	19
12-Jun-08	57	-2	7.3	600	>1100.00	-	377	880	444	< 2	20
06-Oct-09	60	54	7.2	680	886.0	-	372	500	401	< 2	21
16-Jun-10	53	242	7.0	680	29.3	5	380	644	413	< 2	22
03-Nov-11	52	211	6.8	660	262.9	-	368	470	387	< 2	13
30-May-12	55	97	7.4	700	267.0	-	370	589	392	1	14
12-Dec-13	43	-44	7.3	700	112.0	25	389	480	389	1	12
29-May-14	55	6	7.0	600	0.5	-	378	379	403	1	10
17-Nov-15	52	-91	7.0	700	8.6	-	445	426	432	1	14
01-Jun-16	50	45	7.1	1000	41.3	5	399	424	433	2	17
18-Dec-17	47	59	7.4	700	11.7	-	389	449	415	1	11
26-Jun-18	58	232	7.4	710	3.2	-	349	382	402	< 2	16
21-Nov-19	44	142	7.4	673	4.2	7	357	393	412	1	6
08-Apr-20	42	23	7.5	700	5.7	-	305	342	343	< 2	5
02-Nov-21	51	167	7.4	666	42.0	-	369	348	369	1	3
26-Apr-22	49	175	7.5	537	8.3	2	310	304	334	1	4

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-10S</i>											
27-Sep-96	-	< 0.10	< 0.010	< 0.20	< 0.50	< 0.50	< 4.0	< 20	2	< 0.005	< 0.01
05-Dec-96	-	-	-	< 0.20	1.00	-	-	< 20	< 1	< 0.005	-
28-Feb-97	-	-	-	< 0.20	< 0.50	-	-	< 20	3	< 0.005	-
13-May-97	-	-	-	< 0.20	< 0.50	-	-	24	3	< 0.005	-
21-Aug-97	-	-	-	< 0.20	< 0.50	-	-	< 20	3	< 0.005	-
18-Nov-97	-	< 0.10	< 0.010	0.20	< 0.50	< 0.50	< 4.0	< 20	2	< 0.005	< 0.01
17-Feb-98	-	< 0.10	< 0.050	0.10	0.09	0.92	< 2.5	< 20	< 1	0.006	< 0.01
05-May-98	-	-	-	0.10	< 0.05	-	-	< 20	27	< 0.005	-
06-Jul-98	-	-	-	< 0.10	0.17	-	-	22	16	< 0.050	-
13-Oct-98	-	-	-	< 0.01	< 0.05	-	-	< 20	14	< 0.010	-
26-Apr-99	-	< 0.20	< 0.010	< 0.50	< 0.05	0.25	< 2.0	8	4	< 0.005	< 0.01
02-Nov-99	-	-	-	< 0.50	< 0.05	-	-	6	3	< 0.005	-
24-Apr-00	-	-	-	0.62	0.05	0.98	< 2.0	< 5	3	< 0.005	-
05-Oct-00	-	< 0.20	< 0.010	< 0.50	< 0.05	0.67	< 2.0	12	3	< 0.005	< 0.01
17-Apr-01	-	< 0.20	< 0.010	< 0.50	< 0.05	0.43	< 2.0	7	3	< 0.005	< 0.01
04-Oct-01	-	-	-	< 0.50	< 0.05	0.53	4.8	6	3	< 0.005	-
11-Apr-02	-	-	-	< 0.50	< 0.05	0.49	< 2.0	< 5	3	< 0.005	-
20-Oct-03	-	< 0.20	< 0.010	0.78	< 0.05	0.36	< 2.0	< 5	3	< 0.005	< 0.01
14-Apr-04	-	< 0.20	< 0.010	0.56	< 0.05	0.64	< 2.0	9	3	< 0.005	< 0.01
13-Oct-05	-	-	-	0.53	< 0.05	-	-	< 5	2	< 0.005	-
18-May-06	-	-	-	0.90	< 0.05	-	-	< 5	1	< 0.005	-
20-Dec-07	-	< 0.20	-	< 0.50	< 0.05	0.71	< 2.0	25	3	< 0.005	< 0.01
12-Jun-08	-	-	-	< 0.50	< 0.05	-	-	2	2	< 0.005	-
06-Oct-09	-	-	-	< 0.50	< 0.05	0.69	< 2.0	9	2	< 0.005	-
16-Jun-10	-	0.03	< 0.010	< 0.50	< 0.05	0.63	< 2.0	6	4	< 0.005	< 0.01
03-Nov-11	-	-	-	< 1.00	< 0.05	-	-	12	2	< 0.005	-
30-May-12	-	-	-	0.60	0.01	0.45	< 2.0	12	2	< 0.005	-
12-Dec-13	-	< 0.02	0.003	< 1.00	0.01	0.25	< 2.0	11	2	< 0.005	< 0.01
29-May-14	-	-	-	< 1.00	0.02	0.14	< 2.0	< 5	2	< 0.005	-
17-Nov-15	-	-	-	< 1.00	< 0.05	0.35	< 2.0	10	2	< 0.005	-
01-Jun-16	-	< 0.20	< 0.010	< 1.00	0.11	0.71	< 2.0	9	4	< 0.005	< 0.01
18-Dec-17	-	-	-	< 1.00	< 0.05	0.14	< 2.0	8	2	< 0.005	-
26-Jun-18	-	-	-	0.40	< 0.05	0.21	< 2.0	8	2	< 0.005	-
21-Nov-19	-	< 0.20	< 0.010	< 1.00	< 0.05	0.17	< 2.0	11	2	< 0.005	< 0.005
08-Apr-20	-	-	-	0.40	0.01	0.13	< 2.0	< 5	2	< 0.005	-
02-Nov-21	-	-	-	< 1.00	< 0.05	0.28	< 2.0	< 5	4	< 0.005	-
26-Apr-22	-	< 0.20	< 0.010	< 1.00	0.05	0.28	< 2.0	< 5	2	< 0.005	0.016

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-10S</i>											
27-Sep-96	4.7	0.255	< 0.008	0.08	< 0.0010	0.0021	112	0.010	-	0.030	6.8
05-Dec-96	-	-	-	-	-	< 0.0050	130	-	-	-	9.8
28-Feb-97	-	-	-	-	-	0.0060	230	-	-	-	32.0
13-May-97	-	-	-	-	-	< 0.0050	230	-	-	-	24.0
21-Aug-97	-	-	-	-	-	0.0050	240	-	-	-	28.0
18-Nov-97	8.7	0.004	0.008	< 0.03	< 0.0050	< 0.0050	210	< 0.050	-	0.030	13.0
17-Feb-98	20.0	< 0.003	0.021	0.20	0.0020	0.0022	310	0.058	-	0.030	50.0
05-May-98	-	-	-	-	-	0.0011	240	-	-	-	26.0
06-Jul-98	-	-	-	-	-	0.0004	290	-	-	-	28.0
13-Oct-98	-	-	-	-	-	0.0003	240	-	-	-	18.0
26-Apr-99	20.7	< 0.100	< 0.010	0.21	< 0.0050	< 0.0050	263	0.035	-	0.030	32.0
02-Nov-99	-	-	-	-	-	< 0.0050	249	-	-	-	29.0
24-Apr-00	-	-	-	-	-	< 0.0050	304	-	-	-	43.2
05-Oct-00	8.7	< 0.060	< 0.010	0.15	< 0.0050	< 0.0050	234	0.025	-	0.026	18.3
17-Apr-01	25.1	< 0.060	< 0.010	0.25	< 0.0050	< 0.0050	299	0.040	-	0.032	37.9
04-Oct-01	-	-	-	-	-	< 0.0050	278	-	-	-	36.5
11-Apr-02	-	-	-	-	-	< 0.0050	260	-	-	-	37.8
20-Oct-03	16.3	< 0.060	< 0.010	0.17	< 0.0050	< 0.0050	194	0.020	-	< 0.020	15.5
14-Apr-04	26.0	< 0.060	< 0.010	0.21	< 0.0050	< 0.0050	190	0.041	-	< 0.020	24.9
13-Oct-05	-	-	-	-	-	< 0.0050	186	-	-	-	21.6
18-May-06	-	-	-	-	-	< 0.0050	171	-	-	-	20.7
20-Dec-07	4.4	< 0.060	< 0.010	0.06	< 0.0050	< 0.0050	109	< 0.010	-	< 0.020	3.6
12-Jun-08	-	-	-	-	-	< 0.0050	232	-	-	-	39.0
06-Oct-09	-	-	-	-	-	< 0.0050	140	-	-	-	11.9
16-Jun-10	22.2	< 0.004	< 0.005	0.16	0.0007	0.0008	152	0.031	0.01	0.015	17.7
03-Nov-11	-	-	-	-	-	< 0.0050	128	-	-	-	11.3
30-May-12	-	-	-	-	-	< 0.0050	168	-	-	-	26.8
12-Dec-13	4.1	< 0.002	< 0.003	0.06	0.0003	< 0.0004	112	0.002	-	< 0.002	2.7
29-May-14	-	-	-	-	-	< 0.0050	114	-	-	-	0.04
17-Nov-15	-	-	-	-	-	< 0.0050	128	-	-	-	0.22
01-Jun-16	4.3	< 0.060	< 0.010	0.07	< 0.003	< 0.0050	124	0.006	-	0.005	3.8
18-Dec-17	-	-	-	-	-	< 0.0050	131	-	-	-	3.8
26-Jun-18	-	-	-	-	-	< 0.0050	115	-	-	-	0.15
21-Nov-19	0.8	< 0.060	< 0.010	0.04	< 0.003	< 0.0050	121	0.001	-	< 0.020	0.95
08-Apr-20	-	-	-	-	-	< 0.0050	107	-	-	-	0.12
02-Nov-21	-	-	-	-	-	< 0.0050	111	-	-	-	0.27
26-Apr-22	0.1	< 0.060	< 0.010	0.03	< 0.003	< 0.0050	97	< 0.010	-	< 0.020	0.16

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	TOTAL METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-10S</i>												
27-Sep-96	< 0.001	39	0.28	< 0.00020	< 0.020	2.1	6.9	< 0.004	< 0.005	< 0.001	-	0.031
05-Dec-96	0.012	41	-	-	-	2.4	5.9	-	-	-	-	-
28-Feb-97	0.021	73	1.30	-	-	4.8	7.6	-	-	-	-	-
13-May-97	0.021	73	1.00	-	-	2.7	7.3	-	-	-	-	-
21-Aug-97	0.027	76	0.89	-	-	8.3	7.3	-	-	-	-	-
18-Nov-97	0.027	65	0.65	< 0.00040	< 0.030	4.5	10.0	0.002	< 0.050	< 0.003	-	0.120
17-Feb-98	0.035	120	1.50	< 0.00020	0.035	6.9	7.5	< 0.002	< 0.001	< 0.001	-	0.102
05-May-98	0.014	85	0.79	-	-	5.3	6.1	-	-	-	-	-
06-Jul-98	0.014	97	0.84	-	-	8.0	14.0	-	-	-	-	-
13-Oct-98	0.013	75	0.58	-	-	6.0	9.0	-	-	-	-	-
26-Apr-99	0.028	92	0.85	< 0.00030	< 0.040	6.7	7.4	0.006	< 0.010	< 0.010	-	0.058
02-Nov-99	0.018	83	0.87	-	-	8.9	26.5	-	-	-	-	-
24-Apr-00	0.031	88	1.36	-	-	5.8	18.3	-	-	-	-	-
05-Oct-00	0.019	80	0.71	< 0.00030	< 0.040	3.8	14.7	0.007	< 0.010	< 0.010	-	0.093
17-Apr-01	0.023	92	1.22	< 0.00030	< 0.040	12.9	10.6	0.016	< 0.010	< 0.010	-	0.079
04-Oct-01	0.028	95	1.02	-	-	13.3	9.9	-	-	-	-	-
11-Apr-02	0.028	82	1.08	-	-	13.4	10.8	-	-	-	-	-
20-Oct-03	0.011	56	0.45	< 0.00030	< 0.040	7.4	8.5	< 0.005	< 0.010	< 0.010	-	0.029
14-Apr-04	0.022	61	0.77	< 0.00030	< 0.040	9.6	11.3	< 0.005	< 0.010	< 0.010	-	0.054
13-Oct-05	0.016	53	0.57	-	-	8.8	9.4	-	-	-	-	-
18-May-06	0.020	51	0.60	-	-	8.3	7.7	-	-	-	-	-
20-Dec-07	0.006	30	0.10	< 0.00020	< 0.040	2.2	2.7	< 0.010	< 0.010	< 0.010	-	< 0.020
12-Jun-08	0.034	71	1.22	-	-	12.2	5.0	-	-	-	-	-
06-Oct-09	0.009	37	0.43	-	-	6.4	3.5	-	-	-	-	-
16-Jun-10	0.016	41	0.47	< 0.00001	0.015	7.2	3.4	< 0.008	< 0.002	< 0.003	0.032	0.043
03-Nov-11	0.016	32	0.32	-	-	5.0	2.6	-	-	-	-	-
30-May-12	0.021	48	0.73	-	-	10.1	3.8	-	-	-	-	-
12-Dec-13	0.004	26	0.07	< 0.00003	0.002	2.0	1.6	< 0.005	< 0.001	< 0.002	-	0.009
29-May-14	< 0.005	23	0.00	-	-	1.1	1.2	-	-	-	-	-
17-Nov-15	< 0.005	26	0.02	-	-	1.6	1.7	-	-	-	-	-
01-Jun-16	< 0.005	28	0.11	< 0.00020	< 0.040	3.0	2.2	< 0.010	< 0.010	0.006	-	0.009
18-Dec-17	< 0.005	30	0.13	-	-	2.0	1.6	-	-	-	-	-
26-Jun-18	< 0.005	23	0.01	-	-	1.5	1.5	-	-	-	-	-
21-Nov-19	< 0.005	22	0.03	< 0.00020	< 0.040	1.5	1.2	< 0.010	< 0.010	< 0.010	-	< 0.020
08-Apr-20	< 0.005	19	0.00	-	-	1.1	1.0	-	-	-	-	-
02-Nov-21	< 0.005	18	0.02	-	-	1.7	1.1	-	-	-	-	-
26-Apr-22	< 0.005	15	0.01	< 0.00020	< 0.040	1.2	1.0	< 0.010	< 0.010	< 0.010	-	< 0.020

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-10S											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	-	-	-	-	-	-	-	-	-	-	-
28-Feb-97	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-
17-Feb-98	-	-	-	-	-	-	-	-	-	-	-
05-May-98	-	-	-	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-
02-Nov-99	-	-	-	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-	-	-	-
05-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	-	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-
13-Oct-05	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	< 0.0050	103	-	-	-	< 0.10
12-Dec-13	< 0.01	< 0.002	< 0.003	0.04	< 0.0002	< 0.0004	104	< 0.001	-	< 0.002	< 0.01
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	DISSOLVED METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-10S												
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
28-Feb-97	-	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
18-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
17-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
05-May-98	-	-	-	-	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-99	-	-	-	-	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-	-	-	-	-
05-Oct-00	-	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	-	-	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-	-
13-Oct-05	-	-	-	-	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-	-
12-Jun-08	-	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-	-
30-May-12	< 0.005	25	< 0.010	-	-	1.5	1.7	-	-	-	-	-
12-Dec-13	< 0.001	24	< 0.001	< 0.00003	< 0.001	1.1	1.4	< 0.005	< 0.0011	< 0.002	-	0.005
29-May-14	-	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Acetone (ug/l) Benzene (ug/l) Chloro- benzene (ug/l) 1,4-Di- chloro- benzene (ug/l) Ethyl- benzene (ug/l) Methylene Chloride (ug/l) Tetra- chloro- ethene (ug/l) Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 0.7 5 4.7 5 5 5 5
TRIGGER VALUES	- - - - - - - -
<i>Monitoring Well</i> MW-10S 27-Sep-96 05-Dec-96 28-Feb-97 13-May-97 21-Aug-97 18-Nov-97 17-Feb-98 05-May-98 06-Jul-98 13-Oct-98 26-Apr-99 02-Nov-99 24-Apr-00 05-Oct-00 17-Apr-01 04-Oct-01 11-Apr-02 20-Oct-03 14-Apr-04 13-Oct-05 18-May-06 20-Dec-07 12-Jun-08 06-Oct-09 16-Jun-10 03-Nov-11 30-May-12 12-Dec-13 29-May-14 17-Nov-15 01-Jun-16 18-Dec-17 26-Jun-18 21-Nov-19 08-Apr-20 02-Nov-21 26-Apr-22	ANALYSIS METHOD (EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 5 - (EPA 8260) < 10.0 < 3 < 3 < 3 < 3 < 3 < 3 (EPA 8260) < 10.0 < 1 < 1 < 1 < 1 < 1 < 2 - (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - - - - - - - - - (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - - - - - - - - - (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - - - - - - - - - (EPA 8260) 1.8 J < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - - - - - - - - - (EPA 8260) < 20.0 < 5 < 5 < 5 < 5 < 5 < 10 - 1.7 J < 5 < 5 < 5 < 5 < 5 < 10 - (EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 10 - - - - - - - - - - - - - - - - (EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	-	
TRIGGER VALUES	-	-	-	-	-	-	-	
<i>Monitoring Well</i> MW-10S	ANALYSIS METHOD							
27-Sep-96	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
05-Dec-96	-	-	-	-	-	-	-	-
28-Feb-97	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-
18-Nov-97	(EPA 8260)	-	< 3	-	< 3	-	-	0.0
17-Feb-98	(EPA 8260)	-	< 1	-	< 1	-	-	0.0
05-May-98	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-
26-Apr-99	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
02-Nov-99	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-
05-Oct-00	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
17-Apr-01	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
04-Oct-01	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-
20-Oct-03	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
14-Apr-04	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
13-Oct-05	-	-	-	-	-	-	-	-
18-May-06	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260)	-	< 5	-	< 5	-	-	1.8
12-Jun-08	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
16-Jun-10	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
03-Nov-11	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
29-May-14	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-
01-Jun-16	-	-	< 5	-	< 5	-	-	1.7
18-Dec-17	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
08-Apr-20	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-
26-Apr-22	(EPA 8260)	-	< 5	-	< 5	-	-	0.0

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA										
	FIELD PARAMETERS					INORGANIC PARAMETERS					
GROUNDWATER	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-13S											
30-Sep-96	59	150	6.6	1100	-	22	470	654	590	< 1	130
03-Dec-96	46	210	6.9	1200	-	-	360	750	850	4	340
28-Feb-97	40	120	6.6	1500	1200.0	-	360	1100	1200	4	600
15-May-97	46	195	6.1	1200	1500.0	-	290	1400	1100	3	560
21-Aug-97	58	-45	6.9	1400	22600.0	-	450	7420	1100	3	560
19-Nov-97	48	110	6.9	1600	240.0	11	300	830	1200	2	490
24-Feb-98	39	70	7.4	1400	59.0	12	265	1070	1200	2	550
07-May-98	51	-25	6.9	1100	24.0	-	280	890	1100	1	490
08-Jul-98	57	100	6.9	1200	86.0	-	300	910	1100	3	580
15-Oct-98	56	130	7.0	1100	86.0	-	300	910	1100	3	580
26-Apr-99	45	30	7.1	1000	195.0	< 5	380	831	1010	1	406
03-Nov-99	54	125	6.9	1300	-	-	486	1190	1400	15	615
25-Apr-00	42	180	7.4	1200	61.5	-	360	900	979	32	309
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	43	240	6.3	1564	48.2	< 5	451	950	1180	51	338
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
15-Apr-02	46	115	7.0	1200	36.0	-	468	895	1040	31	396
20-Oct-03	53	108	7.3	800	140.0	5	330	520	638	16	172
14-Apr-04	41	199	7.3	900	62.4	5	367	530	588	9	167
17-Oct-05	55	31	7.2	800	27.0	-	369	483	528	2	102
22-May-06	47	-26	7.1	600	80.3	-	316	440	467	2	96
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-	-
11-Jun-08	53	49	7.4	600	139.0	-	314	470	443	< 2	73
06-Oct-09	56	68	7.0	820	38.0	-	390	575	484	2	56
06-Jun-10	53	216	7.2	650	8.1	< 5	340	478	454	< 2	69
03-Nov-11	53	201	7.6	670	13.5	-	352	399	367	< 2	38
30-May-12	51	83	7.5	600	10.0	-	320	375	353	1	28
12-Dec-13	45	-38	7.4	600	9.5	12	349	370	361	1	35
29-May-14	53	-27	7.2	500	0.3	-	252	273	302	2	22
17-Nov-15	51	-24	7.1	600	3.5	-	388	374	401	1	24
01-Jun-16	49	58	7.1	800	8.3	1	344	359	391	< 2	28
18-Dec-17	43.5	101	7.2	800	2.63	-	405	416	428	1	12
26-Jun-18	53.7	2.04	7.4	740	3.26	-	354	397	406	1	28
21-Nov-19	46	32	7.6	633	4.5	10	316	359	400	1	35
08-Apr-20	42.8	5	7.6	640	6.96	-	274	324	322	< 2	20
02-Nov-21	52.5	146	7.8	586	-	-	309	319	324	1	20
26-Apr-22	48.02	180	7.8	442	1.66	7	260	252	292	< 2	12

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
GROUNDWATER	INORGANIC PARAMETERS										
	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-13S											
30-Sep-96	-	< 0.10	< 0.010	< 0.2	5.20	4.6	8	32	5	< 0.0050	< 0.01
03-Dec-96	-	-	-	< 0.2	1.90	-	-	< 20	4	0.0050	-
28-Feb-97	-	-	-	< 0.2	1.90	-	-	< 20	6	< 0.0050	-
15-May-97	-	-	-	< 0.2	2.70	-	-	23	6	< 0.0050	-
21-Aug-97	-	-	-	< 0.2	6.00	-	-	110	10	< 0.0050	-
19-Nov-97	-	< 0.10	< 0.010	< 0.2	< 0.50	< 0.5	< 4	< 20	5	< 0.0050	< 0.01
24-Feb-98	-	< 0.10	< 0.050	< 0.1	1.20	1.5	3	< 20	6	< 0.0050	< 0.01
07-May-98	-	-	-	< 0.1	1.60	-	-	< 20	21	< 0.0050	-
08-Jul-98	-	-	-	< 0.1	1.50	-	-	< 20	7	< 0.0500	-
15-Oct-98	-	-	-	< 0.1	1.50	-	-	< 20	7	< 0.0500	-
26-Apr-99	-	< 0.20	< 0.010	0.6	1.20	1.3	< 2	16	6	< 0.0050	< 0.01
03-Nov-99	-	-	-	1.6	0.10	-	-	19	6	< 0.0050	-
25-Apr-00	-	-	-	0.6	0.06	0.5	2	5	4	< 0.0050	-
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	< 0.20	< 0.010	< 0.5	< 0.50	< 0.2	< 2	9	3	< 0.0050	< 0.01
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	< 0.5	< 0.05	0.3	< 2	6	4	< 0.0050	-
20-Oct-03	-	< 0.20	< 0.010	1.2	0.32	1.7	< 2	9	6	< 0.0050	< 0.01
14-Apr-04	-	< 0.20	< 0.010	< 0.5	< 0.05	0.3	< 2	10	4	< 0.0050	< 0.01
17-Oct-05	-	-	-	1.1	< 0.05	-	-	9	4	< 0.0050	-
22-May-06	-	-	-	0.8	< 0.05	-	-	< 5	3	< 0.0050	-
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	< 0.5	0.08	-	-	9	4	< 0.0050	-
06-Oct-09	-	-	-	3.1	2.45	3.8	3	11	6	< 0.0050	-
06-Jun-10	-	< 0.02	< 0.010	< 0.5	< 0.05	0.4	< 2	17	6	< 0.0050	< 0.01
03-Nov-11	-	-	-	< 1.0	< 0.05	-	-	11	3	< 0.0050	-
30-May-12	-	-	-	< 1.0	0.03	0.2	< 2	9	4	< 0.0050	-
12-Dec-13	-	< 0.02	0.004	< 1.0	0.01	0.3	< 2	5	4	0.0012	< 0.01
29-May-14	-	-	-	< 1.0	< 0.05	< 0.2	< 2	10	4	< 0.0050	-
17-Nov-15	-	-	-	0.7	0.01	0.3	< 2	7	4	< 0.0050	-
01-Jun-16	-	< 0.20	< 0.010	< 1.0	0.24	0.4	< 2	11	5	< 0.0050	< 0.01
18-Dec-17	-	-	-	0.60	< 0.01	0.22	< 2	4	3.8	< 0.0050	-
26-Jun-18	-	-	-	< 1.00	0.06	0.50	< 2	8	4.3	< 0.0050	-
21-Nov-19	-	< 0.20	< 0.010	0.4	< 0.05	0.2	< 2	12	4	< 0.0050	< 0.005
08-Apr-20	-	-	-	< 1.00	0.02	0.18	< 2	11	3.2	< 0.0050	-
02-Nov-21	-	-	-	0.20	< 0.05	0.28	< 2	7	4.3	< 0.0050	-
26-Apr-22	-	< 0.20	< 0.01	< 1.00	< 0.05	0.24	< 2	10	3.4	< 0.0050	< 0.02

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-13S											
30-Sep-96	10.2	0.049	< 0.008	0.160	< 0.0010	0.0388	191	0.038	-	0.04	19.10
03-Dec-96	-	-	-	-	-	0.0070	220	-	-	-	19.00
28-Feb-97	-	-	-	-	-	0.0100	320	-	-	-	25.00
15-May-97	-	-	-	-	-	0.0050	420	-	-	-	9.50
21-Aug-97	-	-	-	-	-	0.0370	2000	-	-	-	280.00
19-Nov-97	0.5	< 0.003	0.002	< 0.300	< 0.0050	< 0.0050	240	< 0.050	-	< 0.02	1.10
24-Feb-98	3.9	< 0.003	0.008	< 0.200	< 0.0010	0.0020	290	0.029	-	< 0.03	12.00
07-May-98	-	-	-	-	-	< 0.0002	250	-	-	-	1.80
08-Jul-98	-	-	-	-	-	0.0010	260	-	-	-	2.90
15-Oct-98	-	-	-	-	-	0.0010	260	-	-	-	2.90
26-Apr-99	0.4	< 0.100	< 0.010	0.050	< 0.0050	< 0.0050	210	< 0.010	-	< 0.02	1.50
03-Nov-99	-	-	-	-	-	< 0.0050	324	-	-	-	3.40
25-Apr-00	-	-	-	-	-	< 0.0050	250	-	-	-	3.82
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	0.3	< 0.060	< 0.010	0.045	< 0.0050	< 0.0050	281	< 0.010	-	< 0.02	0.54
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	< 0.0050	259	-	-	-	2.99
20-Oct-03	2.4	< 0.060	< 0.010	0.068	< 0.0050	< 0.0050	160	< 0.010	-	< 0.02	3.90
14-Apr-04	4.6	< 0.060	< 0.010	0.063	< 0.0050	< 0.0050	166	0.020	-	< 0.02	4.45
17-Oct-05	-	-	-	-	-	< 0.0050	130	-	-	-	1.97
22-May-06	-	-	-	-	-	< 0.0050	125	-	-	-	3.70
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	< 0.0050	114	-	-	-	4.45
06-Oct-09	-	-	-	-	-	< 0.0050	149	-	-	-	9.48
06-Jun-10	0.5	< 0.004	< 0.005	0.040	< 0.0002	< 0.0003	100	0.003	0.01	0.003	0.97
03-Nov-11	-	-	-	-	-	< 0.0050	100	-	-	-	1.17
30-May-12	-	-	-	-	-	< 0.0050	100	-	-	-	1.17
12-Dec-13	0.6	< 0.002	< 0.003	0.033	< 0.0002	< 0.0004	89	< 0.001	-	< 0.002	1.02
29-May-14	-	-	-	-	-	< 0.0050	71	-	-	-	0.04
17-Nov-15	-	-	-	-	-	< 0.0050	100	-	-	-	0.07
01-Jun-16	0.8	< 0.060	< 0.010	0.037	< 0.0030	< 0.0050	96	0.002	-	< 0.020	1.01
18-Dec-17	-	-	-	-	-	< 0.005	109	-	-	-	0.35
26-Jun-18	-	-	-	-	-	< 0.005	108	-	-	-	0.13
21-Nov-19	0.2	< 0.060	< 0.010	0.032	< 0.0030	< 0.0050	94	0.001	-	< 0.020	0.33
08-Apr-20	-	-	-	-	-	< 0.005	87	-	-	-	0.29
02-Nov-21	-	-	-	-	-	< 0.005	85	-	-	-	1.17
26-Apr-22	0.10	< 0.06	< 0.010	0.017	< 0.003	< 0.005	68	< 0.010	-	< 0.020	< 0.10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
GROUNDWATER	TOTAL METALS											
	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-13S												
30-Sep-96	0.005	43	1.53	< 0.00020	0.034	6.2	9.3	< 0.004	< 0.005	< 0.001	-	0.085
03-Dec-96	0.008	49	-	-	-	3.7	5.7	-	-	-	-	-
28-Feb-97	0.016	74	2.40	-	-	4.4	7.9	-	-	-	-	-
15-May-97	0.027	90	4.30	-	-	2.8	4.5	-	-	-	-	-
21-Aug-97	0.240	590	11.00	-	-	30.0	10.0	-	-	-	-	-
19-Nov-97	< 0.001	57	0.99	< 0.00040	< 0.030	3.8	8.9	< 0.001	< 0.050	< 0.003	-	< 0.010
24-Feb-98	0.004	84	2.30	< 0.00020	0.018	3.7	4.8	< 0.002	< 0.001	< 0.001	-	0.026
07-May-98	< 0.001	64	2.80	-	-	2.6	4.1	-	-	-	-	-
08-Jul-98	< 0.001	64	1.60	-	-	4.0	4.1	-	-	-	-	-
15-Oct-98	< 0.001	64	1.60	-	-	4.0	4.1	-	-	-	-	-
26-Apr-99	< 0.005	54	0.44	< 0.00030	< 0.040	2.7	6.3	< 0.005	< 0.010	< 0.010	-	0.012
03-Nov-99	< 0.005	78	1.42	-	-	5.5	15.0	-	-	-	-	-
25-Apr-00	< 0.005	58	0.28	-	-	2.5	5.6	-	-	-	-	-
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	< 0.005	65	0.04	< 0.00030	< 0.040	< 2.0	5.5	0.012	< 0.010	< 0.010	-	< 0.020
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	< 0.005	69	0.18	-	-	3.0	5.8	-	-	-	-	-
20-Oct-03	< 0.005	44	0.33	< 0.00030	< 0.040	4.7	12.2	< 0.005	< 0.010	< 0.010	-	< 0.020
14-Apr-04	< 0.005	52	0.22	< 0.00030	< 0.040	3.4	4.6	< 0.005	< 0.010	< 0.010	-	< 0.020
17-Oct-05	< 0.005	38	0.12	-	-	2.6	5.1	-	-	-	-	-
22-May-06	< 0.005	38	0.22	-	-	3.0	3.2	-	-	-	-	-
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-	-	-
11-Jun-08	< 0.005	36	0.18	-	-	3.9	3.1	-	-	-	-	-
06-Oct-09	0.005	41	1.02	-	-	8.1	2.5	-	-	-	-	-
06-Jun-10	< 0.002	32	0.18	< 0.00001	< 0.003	2.6	2.3	0.013	< 0.002	< 0.003	< 0.01	0.004
03-Nov-11	< 0.005	32	0.06	-	-	2.7	2.1	-	-	-	-	-
30-May-12	< 0.005	32	0.06	-	-	2.7	2.1	-	-	-	-	-
12-Dec-13	0.001	31	0.11	< 0.00003	0.001	2.0	1.4	< 0.005	< 0.001	< 0.002	-	0.006
29-May-14	< 0.005	23	0.01	-	-	3.1	1.4	-	-	-	-	-
17-Nov-15	< 0.005	30	0.04	-	-	3.1	1.4	-	-	-	-	-
01-Jun-16	< 0.005	29	0.10	< 0.00020	< 0.040	2.5	1.1	< 0.010	< 0.010	0.006	-	< 0.020
18-Dec-17	< 0.005	35.1	0.091	-	-	2.4	1.1	-	-	-	-	-
26-Jun-18	< 0.005	30.8	0.178	-	-	2.6	1.0	-	-	-	-	-
21-Nov-19	< 0.005	30.1	0.01	< 0.00020	< 0.040	2.1	1.0	< 0.010	< 0.010	< 0.010	-	< 0.020
08-Apr-20	< 0.005	26.2	0.06	-	-	1.7	0.8	-	-	-	-	-
02-Nov-21	< 0.005	26.2	0.14	-	-	2.4	1.2	-	-	-	-	-
26-Apr-22	< 0.005	19.9	0.005	< 0.0002	< 0.040	1.5	0.7	< 0.01	< 0.01	< 0.01	-	< 0.020

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-13S											
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-
28-Feb-97	-	-	-	-	-	-	-	-	-	-	-
15-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-
08-Jul-98	-	-	-	-	-	-	-	-	-	-	-
15-Oct-98	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-
06-Jun-10	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	DISSOLVED METALS											
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-13S												
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
03-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
28-Feb-97	-	-	-	-	-	-	-	-	-	-	-	-
15-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-	-
08-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
15-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-99	-	-	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-	-	-
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-	-
17-Oct-05	-	-	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	Unable To Locate		-	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-	-
06-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-
29-May-14	-	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA									
	ORGANIC PARAMETERS (DETECTED)									
GROUNDWATER	Acetone (ug/l)	Benzene (ug/l)	Bromo- methane (ug/l)	Chloro- benzene (ug/l)	1,4-Di- chloro- benzene (ug/l)	Ethyl- benzene (ug/l)	Methyl Chloride (ug/l)	Tetra- chloro- ethene (ug/l)	Xylenes (ug/l)	
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	0.7	5	5	4.7	5	5	5	5	
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-13S	ANALYSIS METHOD									
30-Sep-96	(EPA 8260/8270)	< 10	< 5	-	< 5	< 5	< 5	< 5	8.0	< 5
03-Dec-96	(EPA 8260)	< 10	< 3	-	< 3	< 3	< 3	< 3	8.0	< 3
28-Feb-97	(EPA 8260)	< 10	< 3	-	< 3	< 3	< 3	< 3	< 3.0	< 3
15-May-97	(EPA 8260)	< 10	< 3	-	< 3	< 3	< 3	< 3	< 3.0	< 3
21-Aug-97	(EPA 8260)	< 10	< 3	-	< 3	< 3	< 3	< 3	< 3.0	< 3
19-Nov-97	(EPA 8260/8270)	< 10	< 3	-	< 3	< 3	< 3	< 3	7.0	< 3
24-Feb-98	(EPA 8260/8270)	< 10	< 1	-	< 1	< 1	< 1	< 1	5.5	< 2
07-May-98	(EPA 8260)	< 10	< 1	-	< 1	< 1	< 1	< 1	5.1	< 2
08-Jul-98	(EPA 8260)	< 10	< 1	-	< 1	< 1	< 1	< 1	8.0	< 2
15-Oct-98	-	-	-	-	-	-	-	-	-	-
26-Apr-99	(EPA 8260/8270)	< 20	< 5	-	< 5	< 5	< 5	< 5	< 5.0	< 10
03-Nov-99	-	-	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-	-	-
11-Oct-00	DRY	-	-	-	-	-	-	-	-	-
17-Apr-01	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	< 5.0	< 10
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-	-	-
20-Oct-03	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	< 5.0	< 10
14-Apr-04	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	< 5.0	< 10
17-Oct-05	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	< 5.0	< 10
06-Jun-10	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	3.1 J	< 10
03-Nov-11	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	< 20	< 5	-	< 5	< 5	< 5	< 5	2.3 J	< 10
29-May-14	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-
01-Jun-16	(EPA 8260)	2.1 J	< 5	0.36 BJ	< 5	< 5	< 5	< 5	2.0 J	< 10
18-Dec-17	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	7.5 BJ	< 5	< 5	< 5	< 5	< 5	0.76 BJ	1.3 J	< 10
08-Apr-20	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-
26-Apr-22	(EPA 8260)	< 10	< 5	< 5	< 5	< 5	< 5	< 5	1.6 J	< 10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	-	
TRIGGER VALUES	-	-	-	-	-	-	-	
<i>Monitoring Well</i> MW-13S	ANALYSIS METHOD							
30-Sep-96	(EPA 8260/827C < 5	3.00	5	<5	-	-	-	16.0
03-Dec-96	(EPA 8260)	< 3.00	-	<3	-	-	-	8.0
28-Feb-97	(EPA 8260)	< 3.00	-	<3	-	-	-	0.0
15-May-97	(EPA 8260)	6.00	-	<3	-	-	-	6.0
21-Aug-97	(EPA 8260)	< 3.00	-	<3	-	-	-	0.0
19-Nov-97	(EPA 8260/827C < 5	4.00	< 5	<3	<5	-	<5	11.0
24-Feb-98	(EPA 8260/827C < 1	2.20	< 1	<1	<1	-	<1	8.0
07-May-98	(EPA 8260)	2.60	-	<1	-	-	-	8.0
08-Jul-98	(EPA 8260)	4.30	-	<1	-	-	-	12.0
15-Oct-98	-	-	-	-	-	-	-	-
26-Apr-99	(EPA 8260/827C < 5	< 5.00	5	<5	<21	<10	<52	5.0
03-Nov-99	-	-	-	-	-	-	-	-
25-Apr-00	-	-	-	-	-	-	-	-
11-Oct-00	DRY	-	-	-	-	-	-	-
17-Apr-01	(EPA 8260) < 10	< 5.00	-	<5	<48	<10	<48	0.0
09-Oct-01	DRY	-	-	-	-	-	-	-
15-Apr-02	-	-	-	-	-	-	-	-
20-Oct-03	(EPA 8260)	< 5.00	-	<5	-	-	-	0.0
14-Apr-04	(EPA 8260)	< 5.00	-	<5	-	-	-	0.0
17-Oct-05	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-
20-Dec-07	Unable To Locate	-	-	-	-	-	-	-
11-Jun-08	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	< 5.00	-	<5	-	-	-	0.0
06-Jun-10	(EPA 8260)	0.58 J	-	<5	-	-	-	3.7
03-Nov-11	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	0.61 J	-	<5	-	-	-	2.9
29-May-14	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-
01-Jun-16	(EPA 8260)	0.50 J	-	<5	-	-	-	5.0
18-Dec-17	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	0.31 J	-	<5	-	-	-	9.9
08-Apr-20	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-
26-Apr-22	(EPA 8260)	0.26 J	-	<5	-	-	-	1.86

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA										
	FIELD PARAMETERS					INORGANIC PARAMETERS					
GROUNDWATER	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-14D											
27-Sep-96	53	-5	6.8	700	-	25	280	335	430	< 1	46
02-Dec-96	48	-80	7.8	600	-	-	240	280	280	1	22
26-Feb-97	46	-65	7.3	400	36.0	-	290	260	310	2	12
13-May-97	49	-70	7.6	300	28.0	-	250	250	270	1	15
21-Aug-97	61	< -200	8.2	500	20.0	-	330	300	360	1	72
17-Nov-97	50	130	7.4	500	12.0	12	250	250	330	< 1	23
19-Feb-98	42	25	7.8	400	6.0	4	200	218	217	1	9
05-May-98	52	-20	7.6	300	490.0	-	235	210	190	1	< 5
06-Jul-98	58	-65	7.4	400	4.0	-	340	330	320	1	7
13-Oct-98	58	-0	7.3	400	6.0	-	289	330	309	1	6
26-Apr-99	47	-20	7.3	400	6.0	< 5	309	327	314	< 1	4
02-Nov-99	55	290	7.4	500	-	-	265	328	315	< 1	55
24-Apr-00	45	150	7.4	400	9.0	-	230	305	268	2	17
05-Oct-00	55	70	7.1	700	31.5	15	331	480	507	2	142
17-Apr-01	43	240	6.3	1564	48.2	< 5	191	225	224	< 1	35
04-Oct-01	60	55	7.3	600	14.0	-	298	390	434	1	93
11-Apr-02	45	5	8.0	200	8.8	-	165	180	188	< 2	21
20-Oct-03	55	107	7.2	600	6.1	5	290	341	371	< 2	67
14-Apr-04	43	193	7.5	400	13.6	< 5	241	225	238	3	13
13-Oct-05	56	5	7.4	600	0.6	-	315	366	398	< 2	70
22-May-06	48	-5	7.2	500	1.2	-	370	340	325	2	9
20-Dec-07	39	-5	7.4	300	38.6	5	261	270	254	< 2	6
16-Jun-08	55	-10	7.4	500	1.7	-	301	300	303	< 2	< 2
06-Oct-09	58	46	7.1	630	10.9	-	320	350	378	< 2	41
16-Jun-10	52	45	7.2	500	0.2	10	301	335	308	2	4
03-Nov-11	50	27	7.0	540	0.0	-	299	318	306	< 2	4
30-May-12	51	123	7.3	500	1.3	-	272	290	279	1	2
12-Dec-13	46	-64	7.1	600	2.8	17	265	330	307	1	49
29-May-14	59	-16	7.1	500	4.0	-	278	290	294	2	8
17-Nov-15	53	8	7.2	600	1.4	-	268	316	349	2	65
1-Jun-16	51	72	8.4	500	1.0	10	253	235	267	2	5
18-Dec-17	44	70	7.3	600	2.0	-	237	327	356	1	79
26-Jun-18	58	212	7.6	520	14.3	-	238	277	297	2	25
21-Nov-19	44	30	7.7	475	5.0	15	230	256	269	2	17
8-Apr-20	43	-13	7.5	510	15.1	-	210	244	231	2	7
2-Nov-21	51	-70	7.8	485	4.2	-	230	245	274	2	33
26-Apr-22	48	155	8.0	453	3.2	5	240	258	277	2	17

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-14D											
27-Sep-96	-	< 0.10	< 0.01	< 0.20	1.40	0.80	< 4	26	4	< 0.005	< 0.01
02-Dec-96	-	-	-	< 0.20	< 0.50	-	-	< 20	3	< 0.005	-
26-Feb-97	-	-	-	< 0.20	< 0.50	-	-	< 20	2	< 0.005	-
13-May-97	-	-	-	< 0.20	< 0.50	-	-	< 20	2	< 0.005	-
21-Aug-97	-	-	-	< 0.20	< 0.50	-	-	< 20	2	< 0.005	-
17-Nov-97	-	< 0.10	< 0.01	< 0.20	< 0.50	< 0.50	< 4	< 20	2	< 0.005	< 0.01
19-Feb-98	-	< 0.10	< 0.05	< 0.10	0.08	0.13	< 3	< 20	< 1	0.010	< 0.01
05-May-98	-	-	-	< 0.10	0.16	-	-	< 20	7	< 0.005	-
06-Jul-98	-	-	-	< 0.10	< 0.05	-	-	< 20	8	< 0.050	-
13-Oct-98	-	-	-	< 0.10	< 0.05	-	-	< 20	9	< 0.010	-
26-Apr-99	-	< 0.20	< 0.01	< 0.50	< 0.05	0.21	< 2	11	4	< 0.005	< 0.01
02-Nov-99	-	-	-	< 0.50	< 0.05	-	-	< 5	3	< 0.005	-
24-Apr-00	-	-	-	< 0.50	< 0.05	0.20	< 2	5	3	< 0.005	-
05-Oct-00	-	< 0.20	< 0.01	< 0.50	< 0.05	0.55	< 2	12	3	< 0.005	< 0.01
17-Apr-01	-	< 0.20	< 0.01	< 0.50	< 0.05	< 0.20	< 2	< 5	1	< 0.005	< 0.01
04-Oct-01	-	-	-	< 0.50	< 0.05	< 0.20	< 2	8	3	0.041	-
11-Apr-02	-	-	-	< 0.50	< 0.05	< 0.20	< 2	6	1	< 0.005	-
20-Oct-03	-	< 0.20	< 0.01	< 0.50	< 0.05	< 0.20	< 2	< 5	3	< 0.005	< 0.01
14-Apr-04	-	< 0.20	< 0.01	< 0.50	< 0.05	< 0.20	< 2	16	2	< 0.005	< 0.01
13-Oct-05	-	-	-	< 0.50	< 0.05	-	-	7	4	< 0.005	-
22-May-06	-	-	-	< 0.50	< 0.05	-	-	18	3	< 0.005	-
20-Dec-07	-	< 0.20	< 0.01	< 0.50	< 0.05	< 0.20	< 2	< 5	2	< 0.005	< 0.01
16-Jun-08	-	-	-	< 0.50	< 0.05	-	-	17	5	< 0.005	-
06-Oct-09	-	-	-	< 0.50	< 0.05	0.30	< 2	7	4	< 0.005	-
16-Jun-10	-	< 0.02	< 0.01	< 0.50	< 0.05	0.29	< 2	23	6	< 0.005	< 0.01
03-Nov-11	-	-	-	< 1.00	< 0.05	-	-	8	3	< 0.005	-
30-May-12	-	-	-	< 1.00	0.01	0.23	6	15	5	< 0.005	-
12-Dec-13	-	< 0.02	< 0.01	< 1.00	0.01	0.20	< 2	5	4	0.001	< 0.01
29-May-14	-	-	-	< 1.00	< 0.05	0.10	< 2	8	3	< 0.005	-
17-Nov-15	-	-	-	< 1.00	< 0.05	0.35	< 2	19	5	0.001	-
1-Jun-16	-	< 0.20	< 0.01	< 1.00	0.11	0.31	< 2	22	11	0.003	< 0.01
18-Dec-17	-	-	-	< 1.00	< 0.05	0.14	< 2	10	5	0.001	-
26-Jun-18	-	-	-	< 1.00	< 0.01	0.32	< 2	12	4	< 0.005	-
21-Nov-19	-	< 0.20	< 0.01	< 1.00	< 0.05	0.24	< 2	12	2	< 0.005	< 0.005
8-Apr-20	-	-	-	< 1.00	0.02	< 0.20	< 2	9	2	< 0.005	-
2-Nov-21	-	-	-	< 1.00	< 0.05	< 0.20	< 2	< 5	3	< 0.005	-
26-Apr-22	-	< 0.20	< 0.01	< 1.00	< 0.05	0.21	< 2	5	3	< 0.005	< 0.005

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-14D											
27-Sep-96	2.20	0.120	< 0.008	0.110	< 0.0010	< 0.0010	88	< 0.005	-	0.020	7.81
02-Dec-96	-	-	-	-	-	< 0.0050	74	-	-	-	4.40
26-Feb-97	-	-	-	-	-	< 0.0050	67	-	-	-	3.10
13-May-97	-	-	-	-	-	0.0050	64	-	-	-	2.70
21-Aug-97	-	-	-	-	-	< 0.0050	80	-	-	-	2.80
17-Nov-97	0.40	< 0.003	0.002	< 0.300	< 0.0050	< 0.0050	70	< 0.050	-	< 0.020	0.71
19-Feb-98	0.21	< 0.003	< 0.002	< 0.200	< 0.0010	0.0006	56	< 0.002	-	< 0.030	0.47
05-May-98	-	-	-	-	-	< 0.0002	56	-	-	-	0.27
06-Jul-98	-	-	-	-	-	< 0.0002	87	-	-	-	0.42
13-Oct-98	-	-	-	-	-	< 0.0002	87	-	-	-	1.20
26-Apr-99	0.30	< 0.100	< 0.010	0.020	< 0.0050	< 0.0050	76	< 0.010	-	< 0.020	1.24
02-Nov-99	-	-	-	-	-	< 0.0050	87	-	-	-	0.81
24-Apr-00	-	-	-	-	-	< 0.0050	72	-	-	-	0.62
05-Oct-00	0.31	< 0.060	< 0.010	0.033	< 0.0050	< 0.0050	121	< 0.010	-	< 0.020	0.82
17-Apr-01	1.46	< 0.060	< 0.010	0.022	< 0.0050	< 0.0050	59	< 0.010	-	< 0.020	1.55
04-Oct-01	-	-	-	-	-	< 0.0050	100	-	-	-	0.69
11-Apr-02	-	-	-	-	-	< 0.0050	50	-	-	-	0.61
20-Oct-03	0.43	< 0.060	< 0.010	< 0.020	< 0.0050	< 0.0050	99	< 0.010	-	< 0.020	0.36
14-Apr-04	1.08	< 0.060	< 0.010	< 0.020	< 0.0050	< 0.0050	65	< 0.010	-	< 0.020	0.67
13-Oct-05	-	-	-	-	-	< 0.0050	103	-	-	-	0.11
22-May-06	-	-	-	-	-	< 0.0050	88	-	-	-	0.20
20-Dec-07	0.13	< 0.060	< 0.010	< 0.020	< 0.0050	< 0.0050	67	< 0.010	-	< 0.020	0.14
16-Jun-08	-	-	-	-	-	< 0.0050	80	-	-	-	0.12
06-Oct-09	-	-	-	-	-	< 0.0050	93	-	-	-	0.18
16-Jun-10	0.18	< 0.004	< 0.005	0.012	< 0.0002	< 0.0003	75	< 0.002	< 0.01	0.007	0.16
03-Nov-11	-	-	-	-	-	< 0.0050	78	-	-	-	0.18
30-May-12	-	-	-	-	-	< 0.0050	73	-	-	-	0.08
12-Dec-13	0.10	< 0.002	< 0.003	0.011	< 0.0002	< 0.0004	76	< 0.001	-	0.002	0.08
29-May-14	-	-	-	-	-	< 0.0050	74	-	-	-	0.07
17-Nov-15	-	-	-	-	-	< 0.0050	89	-	-	-	< 0.10
1-Jun-16	0.06	< 0.060	< 0.010	0.010	< 0.0030	0.0009	62	0.001	-	0.007	0.11
18-Dec-17	-	-	-	-	-	< 0.0050	8	-	-	-	< 0.10
26-Jun-18	-	-	-	-	-	< 0.0050	71	-	-	-	1.18
21-Nov-19	0.49	< 0.060	< 0.010	0.014	< 0.0030	< 0.0050	66	< 0.010	-	0.005	0.48
8-Apr-20	-	-	-	-	-	< 0.0050	62	-	-	-	0.71
2-Nov-21	-	-	-	-	-	< 0.0050	65	-	-	-	0.09
26-Apr-22	0.08	< 0.060	< 0.010	0.008	< 0.0030	< 0.0050	66	< 0.010	-	0.004	< 0.10

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	TOTAL METALS											
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-14D												
27-Sep-96	0.0070	28	0.92	< 0.00020	< 0.020	1.4	5.4	< 0.004	< 0.005	< 0.001	-	0.057
02-Dec-96	0.0070	23	-	-	-	1.0	3.2	-	-	-	-	-
26-Feb-97	0.0020	22	0.45	-	-	< 0.5	2.0	-	-	-	-	-
13-May-97	0.0020	21	0.33	-	-	0.7	1.9	-	-	-	-	-
21-Aug-97	0.0050	24	0.43	-	-	3.0	4.1	-	-	-	-	-
17-Nov-97	0.0050	19	0.13	< 0.00040	0.030	1.2	4.0	0.001	< 0.050	< 0.003	-	0.040
19-Feb-98	0.0050	19	0.10	< 0.00020	0.012	0.6	1.3	< 0.002	< 0.001	< 0.001	-	0.025
05-May-98	0.0010	17	0.10	-	-	0.7	1.1	-	-	-	-	-
06-Jul-98	0.0010	27	0.37	-	-	2.0	2.0	-	-	-	-	-
13-Oct-98	0.0040	27	0.41	-	-	1.0	1.0	-	-	-	-	-
26-Apr-99	< 0.0050	25	1.64	< 0.00030	< 0.040	< 2.0	1.5	< 0.005	< 0.010	< 0.010	-	0.021
02-Nov-99	< 0.0050	24	0.20	-	-	5.0	1.5	-	-	-	-	-
24-Apr-00	< 0.0050	21	0.22	-	-	< 2.0	1.3	-	-	-	-	-
05-Oct-00	< 0.0050	33	0.72	< 0.00030	< 0.040	< 2.0	1.9	< 0.005	< 0.010	< 0.010	-	0.035
17-Apr-01	< 0.0050	15	0.13	< 0.00030	< 0.040	< 2.0	1.1	< 0.005	< 0.010	< 0.010	-	0.041
04-Oct-01	< 0.0050	27	0.44	-	-	< 2.0	1.8	-	-	-	-	-
11-Apr-02	< 0.0050	15	0.05	-	-	< 2.0	0.6	-	-	-	-	-
20-Oct-03	< 0.0050	28	0.13	< 0.00030	< 0.040	< 2.0	2.0	< 0.005	< 0.010	< 0.010	-	< 0.020
14-Apr-04	< 0.0050	23	0.06	< 0.00030	< 0.040	< 2.0	1.1	< 0.005	< 0.010	< 0.010	-	< 0.020
13-Oct-05	< 0.0050	29	0.08	-	-	< 2.0	1.5	-	-	-	-	-
22-May-06	< 0.0050	28	0.59	-	-	< 2.0	1.2	-	-	-	-	-
20-Dec-07	< 0.0050	20	0.08	< 0.00020	< 0.040	< 2.0	< 1.0	< 0.010	< 0.010	< 0.010	-	0.024
16-Jun-08	< 0.0050	22	0.70	-	-	< 2.0	1.3	-	-	-	-	-
06-Oct-09	< 0.0050	27	0.93	-	-	< 2.0	1.7	-	-	-	-	-
16-Jun-10	< 0.0021	24	0.61	< 0.00001	0.004	0.9	1.2	0.008	0.002	< 0.003	< 0.01	0.011
03-Nov-11	< 0.0050	23	0.47	-	-	< 2.0	< 1.0	-	-	-	-	-
30-May-12	< 0.0050	23	1.26	-	-	0.9	1.1	-	-	-	-	-
12-Dec-13	< 0.0008	23	0.06	< 0.00003	0.002	0.7	1.0	< 0.005	< 0.001	< 0.002	-	0.007
29-May-14	< 0.0050	24	0.12	-	-	0.6	1.2	-	-	-	-	-
17-Nov-15	< 0.0050	23	0.09	-	-	1.1	1.1	-	-	-	-	-
1-Jun-16	< 0.0050	19	0.32	< 0.00020	0.003	0.8	1.2	< 0.010	< 0.010	0.007	-	0.009
18-Dec-17	< 0.0050	28	0.05	-	-	0.9	1.3	-	-	-	-	-
26-Jun-18	< 0.0050	24	0.27	-	-	1.2	1.3	-	-	-	-	-
21-Nov-19	< 0.0050	22	0.05	< 0.00020	< 0.040	0.8	1.2	< 0.010	< 0.010	< 0.010	-	< 0.020
8-Apr-20	< 0.0050	22	0.05	-	-	0.6	1.2	-	-	-	-	-
2-Nov-21	< 0.0050	20	0.01	-	-	0.8	1.7	-	-	-	-	-
26-Apr-22	< 0.0050	23	0.02	< 0.00020	< 0.040	0.6	1.5	< 0.010	< 0.010	< 0.010	-	0.006

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-14D											
27-Sep-96	-	-	-	-	-	-	-	-	-	-	-
02-Dec-96	-	-	-	-	-	-	-	-	-	-	-
26-Feb-97	-	-	-	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
17-Nov-97	-	-	-	-	-	-	-	-	-	-	-
19-Feb-98	-	-	-	-	-	-	-	-	-	-	-
05-May-98	-	-	-	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-	-	-	-
26-Apr-99	-	-	-	-	-	-	-	-	-	-	-
02-Nov-99	-	-	-	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-	-	-	-
05-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
04-Oct-01	-	-	-	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-	-	-	-
20-Oct-03	-	-	-	-	-	-	-	-	-	-	-
14-Apr-04	-	-	-	-	-	-	-	-	-	-	-
13-Oct-05	-	-	-	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-	-	-	-
20-Dec-07	-	-	-	-	-	-	-	-	-	-	-
16-Jun-08	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	-	-	-	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-
29-May-14	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-	-	-	-
1-Jun-16	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-	-	-	-
21-Nov-19	-	-	-	-	-	-	-	-	-	-	-
8-Apr-20	-	-	-	-	-	-	-	-	-	-	-
2-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
DISSOLVED METALS	
GROUNDWATER	Pb (mg/l) Mg (mg/l) Mn (mg/l) Hg (mg/l) Ni (mg/l) K (mg/l) Na (mg/l) Se (mg/l) Ag (mg/l) Tl (mg/l) V (mg/l) Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025 [35] 0.3 0.002 - - 20 0.01 0.05 [0.004] - 0.3
TRIGGER VALUES	- - - - - - - - - - - -
Monitoring Well MW-14D	
27-Sep-96	- - - - - - - - - - - -
02-Dec-96	- - - - - - - - - - - -
26-Feb-97	- - - - - - - - - - - -
13-May-97	- - - - - - - - - - - -
21-Aug-97	- - - - - - - - - - - -
17-Nov-97	- - - - - - - - - - - -
19-Feb-98	- - - - - - - - - - - -
05-May-98	- - - - - - - - - - - -
06-Jul-98	- - - - - - - - - - - -
13-Oct-98	- - - - - - - - - - - -
26-Apr-99	- - - - - - - - - - - -
02-Nov-99	- - - - - - - - - - - -
24-Apr-00	- - - - - - - - - - - -
05-Oct-00	- - - - - - - - - - - -
17-Apr-01	- - - - - - - - - - - -
04-Oct-01	- - - - - - - - - - - -
11-Apr-02	- - - - - - - - - - - -
20-Oct-03	- - - - - - - - - - - -
14-Apr-04	- - - - - - - - - - - -
13-Oct-05	- - - - - - - - - - - -
22-May-06	- - - - - - - - - - - -
20-Dec-07	- - - - - - - - - - - -
16-Jun-08	- - - - - - - - - - - -
06-Oct-09	- - - - - - - - - - - -
16-Jun-10	- - - - - - - - - - - -
03-Nov-11	- - - - - - - - - - - -
30-May-12	- - - - - - - - - - - -
12-Dec-13	- - - - - - - - - - - -
29-May-14	- - - - - - - - - - - -
17-Nov-15	- - - - - - - - - - - -
1-Jun-16	- - - - - - - - - - - -
18-Dec-17	- - - - - - - - - - - -
26-Jun-18	- - - - - - - - - - - -
21-Nov-19	- - - - - - - - - - - -
8-Apr-20	- - - - - - - - - - - -
2-Nov-21	- - - - - - - - - - - -
26-Apr-22	- - - - - - - - - - - -

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Acetone (ug/l) Benzene (ug/l) Bromo- methane (ug/l) Chloro- benzene (ug/l) 1,4-Di- chloro- benzene (ug/l) Ethyl- benzene (ug/l) Methyl Chloride (ug/l) Tetra- chloro- ethene (ug/l) Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 0.7 5 5 4.7 5 5 5 5
TRIGGER VALUES	- - - - - - - - -
Monitoring Well MW-14D	ANALYSIS METHOD
27-Sep-96	(EPA 8260) < 10.0 < 5 - < 5 < 5 < 5 < 5 < 5
02-Dec-96	- - - - - - - - -
26-Feb-97	- - - - - - - - -
13-May-97	- - - - - - - - -
21-Aug-97	- - - - - - - - -
17-Nov-97	(EPA 8260) < 10.0 < 3 - < 3 < 3 < 3 < 3 < 3
19-Feb-98	(EPA 8260) < 10.0 < 1 - < 1 < 1 < 1 < 1 < 2
05-May-98	- - - - - - - - -
06-Jul-98	- - - - - - - - -
13-Oct-98	- - - - - - - - -
26-Apr-99	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
02-Nov-99	- - - - - - - - -
24-Apr-00	- - - - - - - - -
05-Oct-00	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
17-Apr-01	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
04-Oct-01	- - - - - - - - -
11-Apr-02	- - - - - - - - -
20-Oct-03	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
14-Apr-04	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
13-Oct-05	- - - - - - - - -
22-May-06	- - - - - - - - -
20-Dec-07	(EPA 8260) 1.6 J < 5 - < 5 < 5 < 5 < 5 < 10
16-Jun-08	- - - - - - - - -
06-Oct-09	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
16-Jun-10	(EPA 8260) < 20.0 < 5 - < 5 < 5 < 5 < 5 < 10
03-Nov-11	- - - - - - - - -
30-May-12	- - - - - - - - -
12-Dec-13	(EPA 8260) < 10.0 < 5 - < 5 < 5 < 5 < 5 < 10
29-May-14	- - - - - - - - -
17-Nov-15	- - - - - - - - -
1-Jun-16	(EPA 8260) 1.5 J < 5 0.35 BJ < 5 < 5 < 5 < 5 < 10
18-Dec-17	- - - - - - - - -
26-Jun-18	- - - - - - - - -
21-Nov-19	(EPA 8260) < 10.0 < 5 - < 5 < 5 < 5 < 5 < 10
8-Apr-20	- - - - - - - - -
2-Nov-21	- - - - - - - - -
26-Apr-22	(EPA 8260) < 10.0 < 5 < 5 < 5 < 5 < 5 < 10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA								
ORGANIC PARAMETERS (DETECTED)								
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	-	
TRIGGER VALUES	-	-	-	-	-	-	-	
<i>Monitoring Well</i> MW-14D	ANALYSIS METHOD							
27-Sep-96	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
02-Dec-96	-	-	-	-	-	-	-	-
26-Feb-97	-	-	-	-	-	-	-	-
13-May-97	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-
17-Nov-97	(EPA 8260)	-	< 3	-	< 3	-	-	0.0
19-Feb-98	(EPA 8260)	-	< 1	-	< 1	-	-	0.0
05-May-98	-	-	-	-	-	-	-	-
06-Jul-98	-	-	-	-	-	-	-	-
13-Oct-98	-	-	-	-	-	-	-	-
26-Apr-99	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
02-Nov-99	-	-	-	-	-	-	-	-
24-Apr-00	-	-	-	-	-	-	-	-
05-Oct-00	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
17-Apr-01	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
04-Oct-01	-	-	-	-	-	-	-	-
11-Apr-02	-	-	-	-	-	-	-	-
20-Oct-03	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
14-Apr-04	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
13-Oct-05	-	-	-	-	-	-	-	-
22-May-06	-	-	-	-	-	-	-	-
20-Dec-07	(EPA 8260)	-	< 5	-	< 5	-	-	1.6
16-Jun-08	-	-	-	-	-	-	-	-
06-Oct-09	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
16-Jun-10	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
03-Nov-11	-	-	-	-	-	-	-	-
30-May-12	-	-	-	-	-	-	-	-
12-Dec-13	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
29-May-14	-	-	-	-	-	-	-	-
17-Nov-15	-	-	-	-	-	-	-	-
1-Jun-16	(EPA 8260)	-	< 5	-	< 5	-	-	1.9
18-Dec-17	-	-	-	-	-	-	-	-
26-Jun-18	-	-	-	-	-	-	-	-
21-Nov-19	(EPA 8260)	-	< 5	-	< 5	-	-	0.0
8-Apr-20	-	-	-	-	-	-	-	-
2-Nov-21	-	-	-	-	-	-	-	-
26-Apr-22	(EPA 8260)	-	< 5	-	< 5	-	-	0.0

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA										
	FIELD PARAMETERS					INORGANIC PARAMETERS					
GROUNDWATER	TEMP. (deg.F)	Eh (mv)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	6.5-8.5	-	5	15	-	-	500	250	250
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-15S											
30-Sep-96	52	-30	6.9	700	-	22	260	384	400	53	24
05-Dec-96	47	-20	6.9	800	-	-	250	270	390	59	31
03-Mar-97	WELL FROZEN					-	-	-	-	-	-
15-May-97	47	-30	6.9	600	120	-	270	310	410	57	30
21-Aug-97	56	145	7.1	600	60	-	330	300	390	58	24
19-Nov-97	47	105	7.8	800	1300	9	310	640	420	49	37
24-Feb-98	43	105	7.4	800	73	8	300	462	470	50	130
07-May-98	55	-10	7.3	600	230	-	320	430	420	54	38
08-Jul-98	50	< -200	7.4	600	290	-	260	390	510	50	37
15-Oct-98	53	-20	7.4	600	49	-	299	360	417	48	35
27-Apr-99	47	< -200	7.6	600	63	< 5	312	406	398	48	31
12-Oct-00	52	120	8.4	700	>200	5	328	480	427	47	35
17-Apr-01	49	-5	6.7	760	71000	5	354	400	422	45	24
19-Oct-05	52	1	7.5	800	900	5	413	700	475	35	17
23-May-06	50	-56	7.3	800	102	-	451	554	523	29	17
16-Jun-10	51	-18	7.3	910	38	< 5	485	604	540	27	10
12-Dec-13	45	-48	7.2	900	14	19	469	530	485	25	8
18-Dec-17	47	10	7.19	900	7	-	454	516	495	19	6
08-Apr-20	47	-23	7.3	960	21	PFAS and 1,4-Dioxane only.					
02-Nov-21	52	-87	7.56	862	29	PFAS and 1,4-Dioxane only.					
26-Apr-22	48	122	7.48	851	10	4	445	453	494	26	10

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
GROUNDWATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[2]	1	0.05	10	2	-	-	-	-	0.001	0.1
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-15S</i>	-	< 0.10	< 0.010	< 0.2	< 0.5	< 0.50	< 4	< 20	1.0	< 0.005	< 0.01
30-Sep-96	-	-	-	< 0.2	1.0	-	-	< 20	< 1.0	< 0.005	-
05-Dec-96	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	-	-	-	< 0.2	< 0.5	-	-	< 20	2.0	< 0.005	-
15-May-97	-	-	-	< 0.2	< 0.5	-	-	< 20	2.0	< 0.005	-
21-Aug-97	-	0.10	< 0.010	< 0.2	< 0.5	< 0.50	< 4	< 20	2.0	< 0.005	< 0.01
19-Nov-97	-	< 0.10	< 0.050	< 0.1	0.1	0.44	4	< 20	2.0	0.007	< 0.01
24-Feb-98	-	-	-	< 0.1	0.1	-	-	< 20	14.0	< 0.005	-
07-May-98	-	-	-	< 0.1	0.1	-	-	< 20	3.0	< 0.050	-
08-Jul-98	-	-	-	< 0.1	0.2	-	-	< 20	4.0	0.011	-
15-Oct-98	-	< 0.20	< 0.010	< 0.5	< 0.1	0.22	3	< 5	2.0	< 0.005	< 0.01
27-Apr-99	-	< 0.20	< 0.010	< 0.5	0.1	0.42	5	8	3.0	< 0.005	< 0.01
12-Oct-00	-	< 0.20	< 0.010	< 0.5	< 0.1	0.25	8	9	2.8	< 0.005	< 0.01
17-Apr-01	-	< 0.20	0.019	< 0.5	0.1	0.68	3	23	3.6	< 0.005	< 0.01
19-Oct-05	-	-	-	< 0.5	< 0.1	-	-	15	3.1	< 0.005	-
23-May-06	-	0.06	< 0.010	< 0.5	< 0.1	0.49	< 2	18	6.1	< 0.005	< 0.01
16-Jun-10	-	0.05	0.002	< 1.0	0.1	0.40	3	5	4.6	0.002	< 0.01
12-Dec-13	-	-	-	0.5	0.4	0.59	< 2	22	5.0	< 0.005	< -
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	-	0.03	< 0.010	0.3	0.1	0.31	< 2	7	3.3	< 0.005	0.004

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-15S											
30-Sep-96	7.4	0.074	< 0.008	0.150	< 0.0010	< 0.0010	90	0.012	-	0.020	11.5
05-Dec-96	-	-	-	-	-	< 0.0050	59	-	-	-	2.1
03-Mar-97	WELL FROZEN	-	-	-	-	-	-	-	-	-	-
15-May-97	-	-	-	-	-	< 0.0050	67	-	-	-	1.2
21-Aug-97	-	-	-	-	-	< 0.0050	64	-	-	-	1.3
19-Nov-97	12.0	< 0.003	0.004	< 0.300	< 0.0050	< 0.0050	160	< 0.050	-	0.030	22.0
24-Feb-98	3.6	< 0.003	0.004	< 0.200	< 0.0010	0.0006	96	0.008	-	< 0.030	8.0
07-May-98	-	-	-	-	-	< 0.0002	92	-	-	-	10.0
08-Jul-98	-	-	-	-	-	< 0.0002	83	-	-	-	3.2
15-Oct-98	-	-	-	-	-	< 0.0002	80	-	-	-	1.8
27-Apr-99	2.7	< 0.100	< 0.010	0.150	< 0.0050	< 0.0050	81	< 0.010	-	< 0.020	3.5
12-Oct-00	9.4	< 0.060	< 0.010	0.208	< 0.0050	< 0.0050	115	0.016	-	< 0.020	12.1
17-Apr-01	3.0	< 0.060	< 0.010	0.162	< 0.0050	< 0.0050	96	< 0.010	-	< 0.020	4.2
19-Oct-05	38.3	< 0.060	0.015	0.461	< 0.0050	< 0.0050	183	0.056	-	0.041	44.4
23-May-06	-	-	-	-	-	< 0.0050	114	-	-	-	6.0
16-Jun-10	1.7	< 0.004	< 0.005	0.193	< 0.0002	0.0004	118	0.003	< 0.01	< 0.002	2.7
12-Dec-13	0.5	< 0.002	< 0.003	0.198	< 0.0002	< 0.0004	110	< 0.001	-	< 0.002	1.9
18-Dec-17	-	-	-	-	-	< 0.0050	127	-	-	-	4.9
08-Apr-20	PFAS and 1,4-Dioxane only.										
02-Nov-21	PFAS and 1,4-Dioxane only.										
26-Apr-22	0.57	< 0.060	< 0.010	0.163	< 0.0030	< 0.0050	106	< 0.010	-	< 0.020	1.6

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA												
TOTAL METALS												
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well MW-15S</i>												
30-Sep-96	0.002	39	0.46	< 0.00020	< 0.020	3.2	21	< 0.004	< 0.005	< 0.001	-	0.067
05-Dec-96	0.004	30	-	-	-	3.0	18	-	-	-	-	-
03-Mar-97	WELL FROZEN											
15-May-97	0.017	35	0.12	-	-	1.3	16	-	-	-	-	-
21-Aug-97	0.004	35	0.10	-	-	3.1	16	-	-	-	-	-
19-Nov-97	0.016	59	0.98	< 0.00040	< 0.030	9.2	25	< 0.001	< 0.050	< 0.003	-	0.110
24-Feb-98	0.008	54	0.28	< 0.00020	0.006	3.4	19	< 0.002	< 0.001	< 0.001	-	0.028
07-May-98	0.004	49	0.36	-	-	3.6	20	-	-	-	-	-
08-Jul-98	0.002	45	0.16	-	-	3.0	18	-	-	-	-	-
15-Oct-98	0.002	39	0.15	-	-	3.0	20	-	-	-	-	-
27-Apr-99	< 0.005	41	0.18	< 0.00030	< 0.040	2.6	19	< 0.005	< 0.010	< 0.010	-	0.021
12-Oct-00	< 0.005	51	0.40	< 0.00030	< 0.040	5.5	19	0.005	< 0.010	< 0.010	-	0.027
17-Apr-01	< 0.005	43	0.24	< 0.00030	< 0.040	2.9	16	0.006	< 0.010	< 0.010	-	0.020
19-Oct-05	0.021	80	1.13	< 0.00020	0.044	14.1	21	< 0.005	< 0.010	< 0.010	-	0.090
23-May-06	< 0.005	56	0.27	-	-	4.0	16	-	-	-	-	-
16-Jun-10	< 0.021	54	0.31	< 0.00001	< 0.003	3.4	16	0.012	< 0.002	< 0.003	< 0.01	0.011
12-Dec-13	< 0.001	48	0.56	< 0.00003	0.001	3.8	15	< 0.005	< 0.001	< 0.002	-	0.005
18-Dec-17	< 0.005	48	1.27	-	-	5.2	16	-	-	-	-	-
08-Apr-20	PFAS and 1,4-Dioxane only.											
02-Nov-21	PFAS and 1,4-Dioxane only.											
26-Apr-22	< 0.005	46	0.57	< 0.00020	< 0.040	3.6	15	< 0.01	< 0.010	< 0.010	-	0.003

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
DISSOLVED METALS											
GROUNDWATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	[0.003]	0.025	1.0	[0.003]	0.010	-	0.05	-	0.2	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
<i>Monitoring Well</i> MW-15S											
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	WELL FROZEN		-	-	-	-	-	-	-	-	-
15-May-97	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-
08-Jul-98	-	-	-	-	-	-	-	-	-	-	-
15-Oct-98	-	-	-	-	-	-	-	-	-	-	-
27-Apr-99	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-
19-Oct-05	-	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	PFAS and 1,4-Dioxane only.										
02-Nov-21	PFAS and 1,4-Dioxane only.										
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	DISSOLVED METALS											
GROUNDWATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	0.025	[35]	0.3	0.002	-	-	20	0.01	0.05	[0.004]	-	0.3
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Well MW-15S												
30-Sep-96	-	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	-	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	WELL FROZEN			-	-	-	-	-	-	-	-	-
15-May-97	-	-	-	-	-	-	-	-	-	-	-	-
21-Aug-97	-	-	-	-	-	-	-	-	-	-	-	-
19-Nov-97	-	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	-	-	-	-	-	-	-	-	-	-	-	-
07-May-98	-	-	-	-	-	-	-	-	-	-	-	-
08-Jul-98	-	-	-	-	-	-	-	-	-	-	-	-
15-Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
27-Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	-	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	-	-	-	-	-	-	-	-	-	-	-
19-Oct-05	-	-	-	-	-	-	-	-	-	-	-	-
23-May-06	-	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	-	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	PFAS and 1,4-Dioxane only.											
02-Nov-21	PFAS and 1,4-Dioxane only.											
26-Apr-22	-	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
ORGANIC PARAMETERS (DETECTED)	
GROUNDWATER	Acetone (ug/l) Benzene (ug/l) Chloro- benzene (ug/l) 1,4- Dioxane (ug/l) 1,4-Di- chloro- benzene (ug/l) Ethyl- benzene (ug/l) Methyl Chloride (ug/l) Tetra- chloro- ethene (ug/l) Xylenes (ug/l)
6NYCRR Part 703 GROUNDWATER STANDARD	[50] 0.7 5 4.7 4.7 5 5 5 5
TRIGGER VALUES	- - - - - - - - -
Monitoring Well MW-15S	ANALYSIS METHOD
30-Sep-96	(EPA 8260/8270) < 10 < 5 < 5 - < 5 < 5 < 5 < 5
05-Dec-96	(EPA 8260) < 10 < 3 < 3 - < 3 < 3 < 3 < 3
03-Mar-97	WELL FROZEN - - - - - - - - -
15-May-97	(EPA 8260) < 10 < 3 < 3 - < 3 < 3 < 3 < 3
21-Aug-97	(EPA 8260) < 10 < 3 < 3 - < 3 < 3 5 < 3
19-Nov-97	(EPA 8260/8270) < 10 < 3 < 3 - < 3 < 3 < 3 < 3
24-Feb-98	(EPA 8260/8270) < 10 < 1 < 1 - < 1 < 1 < 1 < 2
07-May-98	(EPA 8260) < 10 < 1 < 1 - < 1 < 1 < 1 < 2
08-Jul-98	(EPA 8260) < 10 < 1 < 1 - < 1 < 1 < 1 < 2
15-Oct-98	- - - - - - - - -
27-Apr-99	(EPA 8260/8270) < 20 < 5 < 5 - < 5 < 5 < 5 < 10
12-Oct-00	(EPA 8260/8270) < 20 < 5 < 5 - < 5 < 5 < 5 < 10
17-Apr-01	(EPA 8260/8270) < 20 < 5 < 5 - < 5 < 5 < 5 < 10
19-Oct-05	(EPA 8260/8270) < 20 < 5 < 5 - < 5 < 5 < 5 < 5
23-May-06	- - - - - - - - -
16-Jun-10	(EPA 8260/8270) 3 J < 5 < 5 - < 5 < 5 < 5 < 5
12-Dec-13	(EPA 8260/8270) < 10 < 5 < 5 - < 5 < 5 < 5 < 5
18-Dec-17	(EPA 8270) - - - 0.053 < 11 - - -
08-Apr-20	PFAS and 1,4-Dioxane only.
02-Nov-21	PFAS and 1,4-Dioxane only.
26-Apr-22	8260C < 10 < 5 < 5 0.083 < 5 < 5 < 5 < 5

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA									
ORGANIC PARAMETERS (DETECTED)									
GROUNDWATER	Diethyl phthalate (ug/l)	Trichloro- ethene (ug/l)	Bis- (2-ethylhexyl) -phthalate (ug/l)	Toulene (ug/l)	Primi- done (ug/l)	Phenol (ug/l)	Di-N-Bu- tylphtha- late (ug/l)	Mepro- bamate (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	[50]	5	50	5	-	1	50	-	
TRIGGER VALUES	-	-	-	-	-	-	-	-	
<i>Monitoring Well</i> MW-15S	ANALYSIS METHOD								
30-Sep-96	(EPA 8260/8270)	< 5	< 5	5	< 5	-	-	< 10	- 5
05-Dec-96	(EPA 8260)	-	< 3	-	< 3	-	-	< 10	- 0
03-Mar-97	WELL FROZEN	-	-	-	-	-	-	-	-
15-May-97	(EPA 8260)	-	< 3	-	< 3	-	-	< 10	- 0
21-Aug-97	(EPA 8260)	-	< 3	-	< 3	-	-	< 10	- 5
19-Nov-97	(EPA 8260/8270)	< 5	< 3	< 5	< 3	17	-	< 10	5 17
24-Feb-98	(EPA 8260/8270)	< 1	< 1	< 1	< 1	12	-	< 10	2 14
07-May-98	(EPA 8260)	-	< 1	-	< 1	-	-	< 10	- 0
08-Jul-98	(EPA 8260)	-	< 1	-	< 1	-	-	< 10	- 0
15-Oct-98	-	-	-	-	-	-	-	-	-
27-Apr-99	(EPA 8260/8270)	< 5	< 5	< 5	< 5	< 21	< 10	< 10	52 0
12-Oct-00	(EPA 8260/8270)	< 5	< 5	< 5	< 5	< 21	< 50	< 10	50 0
17-Apr-01	(EPA 8260/8270)	-	< 5	-	< 5	-	-	< 10	- 0
19-Oct-05	(EPA 8260/8270)	< 9	< 5	2	< 5	-	2 J	2 J	- 6
23-May-06	-	-	-	-	-	-	-	-	-
16-Jun-10	(EPA 8260/8270)	< 10	< 5	1	< 5	-	< 10	< 10	- 4
12-Dec-13	(EPA 8260/8270)	< 10	< 5	< 9	< 5	-	< 10	< 10	- 0
18-Dec-17	(EPA 8270)	< 11	-	< 11	-	-	< 11	< 11	- 0.053
08-Apr-20	PFAS and 1,4-Dioxane only.								
02-Nov-21	PFAS and 1,4-Dioxane only.								
26-Apr-22	8260C	-	< 5	-	< 5	-	-	-	- 0.083

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	FIELD PARAMETERS						INORGANIC PARAMETERS					
SURFACE WATER	TEMP. (deg.F)	Eh (mv)	DISS. OX. (mg/l)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
SW-1												
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	33	165	-	6.3	300	13.0	-	160	150	200	8	21
16-May-97	53	< -200	-	6.9	800	600.0	-	370	420	540	23	68
25-Aug-97	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-97	DRY	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-	-
12-May-98	65	85	-	7.4	1100	1.3	-	394	680	849	16	250
09-Jul-98	65	115	4.34	7.6	900	3.5	-	293	610	800	6	220
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	DRY	-	-	-	-	-	-	-	-	-	-	-
04-Nov-99	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-00	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	40	155	7.04	6.3	1176	137.0	40	216	620	890	16	408
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Apr-02	DRY	-	-	-	-	-	-	-	-	-	-	-
22-Oct-03	DRY	-	-	-	-	-	-	-	-	-	-	-
19-Apr-04	48	130	3.12	7.6	700	1.5	50	330	425	546	16	113
19-Oct-05	52	75	2.49	7.6	700	3.8	-	276	480	587	11	184
23-May-06	55	-14	4.54	7.5	500	3.4	-	269	408	431	5	90
20-Dec-07	FROZEN	-	-	-	-	-	-	-	-	-	-	-
16-Jun-08	DRY	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
SURFACE WATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
SW-1											
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-
03-Mar-97	-	-	-	< 0.20	1.00	-	-	54	14	0.009	-
16-May-97	-	-	-	< 0.20	4.00	-	-	370	39	0.006	-
25-Aug-97	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-97	DRY	-	-	-	-	-	-	-	-	-	-
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-
12-May-98	-	-	-	< 0.10	1.10	-	-	362	72	0.010	-
09-Jul-98	-	-	-	0.10	0.30	-	-	77	30	< 0.050	-
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-
28-Apr-99	DRY	-	-	-	-	-	-	-	-	-	-
04-Nov-99	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-00	DRY	-	-	-	-	-	-	-	-	-	-
12-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	-	< 0.20	< 0.010	< 0.50	0.09	1.84	6.9	41	16	< 0.005	< 0.01
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
16-Apr-02	DRY	-	-	-	-	-	-	-	-	-	-
22-Oct-03	DRY	-	-	-	-	-	-	-	-	-	-
19-Apr-04	-	< 0.20	< 0.010	< 0.50	< 0.05	0.67	< 2.0	42	18	< 0.005	< 0.01
19-Oct-05	-	-	-	< 0.50	< 0.05	-	-	68	26	0.006	-
23-May-06	-	-	-	< 0.50	< 0.05	-	-	67	20	< 0.005	-
20-Dec-07	FROZEN	-	-	-	-	-	-	-	-	-	-
16-Jun-08	DRY	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-
02-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
SURFACE WATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
SW-1											
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-
03-Mar-97	-	-	-	-	-	0.0050	37	-	-	-	2.0
16-May-97	-	-	-	-	-	0.0060	100	-	-	-	50.0
25-Aug-97	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-97	DRY	-	-	-	-	-	-	-	-	-	-
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-
12-May-98	-	-	-	-	-	0.0010	160	-	-	-	39.0
09-Jul-98	-	-	-	-	-	< 0.0002	140	-	-	-	1.7
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-
28-Apr-99	DRY	-	-	-	-	-	-	-	-	-	-
04-Nov-99	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-00	DRY	-	-	-	-	-	-	-	-	-	-
12-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-
17-Apr-01	3.93	< 0.06	< 0.010	0.115	< 0.005	< 0.0050	161	0.010	-	< 0.020	5.0
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
16-Apr-02	DRY	-	-	-	-	-	-	-	-	-	-
22-Oct-03	DRY	-	-	-	-	-	-	-	-	-	-
19-Apr-04	< 0.10	< 0.06	< 0.010	0.052	< 0.005	< 0.0050	120	< 0.010	-	< 0.020	0.5
19-Oct-05	-	-	-	-	-	< 0.0050	124	-	-	-	1.2
23-May-06	-	-	-	-	-	< 0.0050	87	-	-	-	0.7
20-Dec-07	FROZEN	-	-	-	-	-	-	-	-	-	-
16-Jun-08	DRY	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-
02-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	TOTAL METALS											
SURFACE WATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
SW-1												
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	0.002	15	0.53	-	-	4.7	7.0	-	-	-	-	-
16-May-97	0.01	41	0.79	-	-	9.9	17.0	-	-	-	-	-
25-Aug-97	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-97	DRY	-	-	-	-	-	-	-	-	-	-	-
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-	-
12-May-98	0.016	67	4.60	-	-	13.0	16.0	-	-	-	-	-
09-Jul-98	< 0.001	63	1.70	-	-	6.0	7.0	-	-	-	-	-
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	DRY	-	-	-	-	-	-	-	-	-	-	-
04-Nov-99	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-00	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Oct-00	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Apr-01	< 0.005	61	0.86	< 0.0003	< 0.040	10.7	8.2	0.0095	< 0.01	< 0.01	-	0.041
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Apr-02	DRY	-	-	-	-	-	-	-	-	-	-	-
22-Oct-03	DRY	-	-	-	-	-	-	-	-	-	-	-
19-Apr-04	< 0.005	47	0.94	< 0.0003	< 0.040	9.3	6.2	< 0.0050	< 0.01	< 0.01	-	< 0.020
19-Oct-05	< 0.005	42	0.33	-	-	7.6	5.1	-	-	-	-	-
23-May-06	< 0.005	30	0.23	-	-	5.7	3.0	-	-	-	-	-
20-Dec-07	FROZEN	-	-	-	-	-	-	-	-	-	-	-
16-Jun-08	DRY	-	-	-	-	-	-	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-	-
02-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
DISSOLVED METALS	
SURFACE WATER	Al (mg/l) Sb (mg/l) As (mg/l) Ba (mg/l) Be (mg/l) Cd (mg/l) Ca (mg/l) Cr (mg/l) Co (mg/l) Cu (mg/l) Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	- - - - - - - - - - -
TRIGGER VALUES	- - - - - - - - - - -
SW-1	
27-Sep-96	DRY - - - - - - - - - -
05-Dec-96	DRY - - - - - - - - - -
03-Mar-97	- - - - - - - - - -
16-May-97	- - - - - - - - - -
25-Aug-97	DRY - - - - - - - - - -
20-Nov-97	DRY - - - - - - - - - -
24-Feb-98	FROZEN - - - - - - - - - -
12-May-98	- - - - - - - - - -
09-Jul-98	- - - - - - - - - -
16-Oct-98	DRY - - - - - - - - - -
28-Apr-99	DRY - - - - - - - - - -
04-Nov-99	DRY - - - - - - - - - -
26-Apr-00	DRY - - - - - - - - - -
12-Oct-00	DRY - - - - - - - - - -
17-Apr-01	- - - - - - - - - -
09-Oct-01	DRY - - - - - - - - - -
16-Apr-02	DRY - - - - - - - - - -
22-Oct-03	DRY - - - - - - - - - -
19-Apr-04	- - - - - - - - - -
19-Oct-05	- - - - - - - - - -
23-May-06	- - - - - - - - - -
20-Dec-07	FROZEN - - - - - - - - - -
16-Jun-08	DRY - - - - - - - - - -
06-Oct-09	DRY - - - - - - - - - -
16-Jun-10	DRY - - - - - - - - - -
03-Nov-11	DRY - - - - - - - - - -
30-May-12	DRY - - - - - - - - - -
12-Dec-13	DRY - - - - - - - - - -
29-May-14	DRY - - - - - - - - - -
17-Nov-15	DRY - - - - - - - - - -
01-Jun-16	DRY - - - - - - - - - -
18-Dec-17	DRY - - - - - - - - - -
26-Jun-18	DRY - - - - - - - - - -
20-Nov-19	DRY - - - - - - - - - -
08-Apr-20	DRY - - - - - - - - - -
02-Nov-21	DRY - - - - - - - - - -
26-Apr-22	DRY - - - - - - - - - -

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
DISSOLVED METALS	
SURFACE WATER	Pb (mg/l) Mg (mg/l) Mn (mg/l) Hg (mg/l) Ni (mg/l) K (mg/l) Na (mg/l) Se (mg/l) Ag (mg/l) Tl (mg/l) V (mg/l) Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	- - - - - - - - - - - -
TRIGGER VALUES	- - - - - - - - - - - -
SW-1	
27-Sep-96	DRY - - - - - - - - - - - -
05-Dec-96	DRY - - - - - - - - - - - -
03-Mar-97	- - - - - - - - - - - -
16-May-97	- - - - - - - - - - - -
25-Aug-97	DRY - - - - - - - - - - - -
20-Nov-97	DRY - - - - - - - - - - - -
24-Feb-98	FROZEN - - - - - - - - - - - -
12-May-98	- - - - - - - - - - - -
09-Jul-98	- - - - - - - - - - - -
16-Oct-98	DRY - - - - - - - - - - - -
28-Apr-99	DRY - - - - - - - - - - - -
04-Nov-99	DRY - - - - - - - - - - - -
26-Apr-00	DRY - - - - - - - - - - - -
12-Oct-00	DRY - - - - - - - - - - - -
17-Apr-01	- - - - - - - - - - - -
09-Oct-01	DRY - - - - - - - - - - - -
16-Apr-02	DRY - - - - - - - - - - - -
22-Oct-03	DRY - - - - - - - - - - - -
19-Apr-04	- - - - - - - - - - - -
19-Oct-05	- - - - - - - - - - - -
23-May-06	- - - - - - - - - - - -
20-Dec-07	FROZEN - - - - - - - - - - - -
16-Jun-08	DRY - - - - - - - - - - - -
06-Oct-09	DRY - - - - - - - - - - - -
16-Jun-10	DRY - - - - - - - - - - - -
03-Nov-11	DRY - - - - - - - - - - - -
30-May-12	DRY - - - - - - - - - - - -
12-Dec-13	FROZEN - - - - - - - - - - - -
29-May-14	DRY - - - - - - - - - - - -
17-Nov-15	DRY - - - - - - - - - - - -
01-Jun-16	DRY - - - - - - - - - - - -
18-Dec-17	FROZEN - - - - - - - - - - - -
26-Jun-18	DRY - - - - - - - - - - - -
20-Nov-19	DRY - - - - - - - - - - - -
08-Apr-20	DRY - - - - - - - - - - - -
02-Nov-21	DRY - - - - - - - - - - - -
26-Apr-22	DRY - - - - - - - - - - - -

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA			
ORGANIC PARAMETERS (DETECTED)			
SURFACE WATER	1,1,1- Trichloro- ethane (ug/l)	1,1- Dichloro- ethane (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	
TRIGGER VALUES	-	-	
SW-1	ANALYSIS METHOD		
27-Sep-96	DRY	-	-
05-Dec-96	DRY	-	-
03-Mar-97	(EPA 8260) 10	-	10
16-May-97	(EPA 8260) < 3	5	5
25-Aug-97	DRY	-	-
20-Nov-97	DRY	-	-
24-Feb-98	FROZEN	-	-
12-May-98	(EPA 8260) < 1	< 1	0
09-Jul-98	(EPA 8260) < 1	< 1	0
16-Oct-98	DRY	-	-
28-Apr-99	DRY	-	-
04-Nov-99	DRY	-	-
26-Apr-00	DRY	-	-
12-Oct-00	DRY	-	-
17-Apr-01	(EPA 8260) < 5	< 5	0
09-Oct-01	DRY	-	-
16-Apr-02	DRY	-	-
22-Oct-03	DRY	-	-
19-Apr-04	(EPA 8260) < 5	< 5	0
19-Oct-05	-	-	-
23-May-06	-	-	-
20-Dec-07	FROZEN	-	-
16-Jun-08	DRY	-	-
06-Oct-09	DRY	-	-
16-Jun-10	DRY	-	-
03-Nov-11	DRY	-	-
30-May-12	DRY	-	-
12-Dec-13	DRY	-	-
29-May-14	DRY	-	-
17-Nov-15	DRY	-	-
01-Jun-16	DRY	-	-
18-Dec-17	DRY	-	-
26-Jun-18	DRY	-	-
20-Nov-19	DRY	-	-
08-Apr-20	DRY	-	-
02-Nov-21	DRY	-	-
26-Apr-22	DRY	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	FIELD PARAMETERS						INORGANIC PARAMETERS					
SURFACE WATER	TEMP. (deg.F)	Eh (mv)	DISS. OX. (mg/l)	pH (Std. Units)	SPEC. COND. (Us/cm)	TURB. (NTU)	COLOR (Units)	ALK. (mg/l CaCO ₃)	HARD. (mg/l CaCO ₃)	TDS (mg/l)	Cl (mg/l)	SO4 (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
SW-2												
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	34	150	-	6.3	200	3.1	-	110	120	150	5	21
15-May-97	60	210	-	6.9	700	4.4	-	330	380	490	9	60
25-Aug-97	64	210	-	7.3	500	2.2	-	59	220	330	6	180
25-Nov-97	32	-20	7.4	7.6	800	26.0	50	360	550	750	8	210
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-	-
12-May-98	65	65	-	7.8	800	31.0	-	397	450	529	8	74
09-Jul-98	66	100	5.2	7.1	300	1.6	-	135	210	280	2	96
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	62	205	1.8	7.5	700	1.7	< 5	434	529	601	9	101
04-Nov-99	46	315	5.6	6.9	1200	-	-	256	710	872	43	364
26-Apr-00	46	160	6.8	7.8	500	1.4	-	126	313	426	12	148
12-Oct-00	50	160	8.2	8.5	700	3.6	200	270	540	655	14	236
17-Apr-01	49	-20	4.9	6.5	1365	101.0	40	390	740	890	15	229
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Apr-02	58	145	3.3	7.1	800	1.2	-	203	505	670	16	289
22-Oct-03	44	159	6.0	7.0	400	1.3	100	104	174	257	9	74
19-Apr-04	57	136	2.0	7.4	600	1.0	60	286	381	480	12	137
19-Oct-05	53	47	2.9	7.6	300	0.5	-	174	212	269	3	35
23-May-06	53	-27	5.2	7.4	500	0.8	-	261	319	310	11	18
24-May-06	FROZEN	-	-	-	-	-	-	-	-	-	-	-
16-Jun-08	73	77	8.1	7.7	500	25.3	-	278	319	329	7	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-	-
2-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
INORGANIC PARAMETERS											
SURFACE WATER	Br (mg/l)	BORON (mg/l)	Cr+6 (mg/l)	NO3-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	BOD-5 (mg/l)	COD (mg/l)	TOC (mg/l)	TOTAL PHENOLS (mg/l)	TOTAL CYANIDE (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
SW-2											
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-
03-Mar-97	-	-	-	< 0.20	< 0.50	-	-	34	11	0.005	-
15-May-97	-	-	-	< 0.20	< 0.50	-	-	53	18	< 0.005	-
25-Aug-97	-	-	-	< 0.20	< 0.50	-	-	35	12	< 0.005	-
25-Nov-97	-	< 0.10	< 0.010	< 0.20	< 0.50	1.00	< 4	41	16	< 0.005	< 0.01
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-
12-May-98	-	-	-	< 0.10	0.09	-	-	45	36	0.011	-
09-Jul-98	-	-	-	< 0.10	0.07	-	-	29	17	< 0.050	-
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-
28-Apr-99	-	< 0.20	< 0.010	< 0.50	< 0.05	1.00	2	51	23	< 0.005	< 0.01
04-Nov-99	-	-	-	< 0.50	< 0.05	-	-	51	20	0.005	-
26-Apr-00	-	-	-	< 0.50	< 0.05	0.66	< 2	38	17	< 0.005	-
12-Oct-00	-	< 0.20	< 0.010	< 0.50	< 0.05	1.13	4	64	25	< 0.005	< 0.01
17-Apr-01	-	< 0.20	< 0.010	< 0.50	< 0.05	4.02	8	56	20	0.008	< 0.01
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
16-Apr-02	-	-	-	< 0.50	< 0.05	-	-	46	21	0.005	-
22-Oct-03	-	< 0.20	< 0.010	0.92	< 0.05	0.77	3	46	19	0.005	< 0.01
19-Apr-04	-	< 0.20	< 0.010	< 0.50	< 0.05	0.64	< 2	35	16	< 0.005	< 0.01
19-Oct-05	-	-	-	< 0.50	< 0.05	-	-	50	20	0.005	-
23-May-06	-	-	-	< 0.50	< 0.05	-	-	< 5	9	< 0.005	-
24-May-06	FROZEN	-	-	-	-	-	-	-	-	-	-
16-Jun-08	-	-	-	< 0.50	0.07	-	-	240	23	< 0.005	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-
2-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
TOTAL METALS											
SURFACE WATER	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-
SW-2											
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-
03-Mar-97	-	-	-	-	-	< 0.0050	34	-	-	-	0.18
15-May-97	-	-	-	-	-	< 0.0050	100	-	-	-	0.36
25-Aug-97	-	-	-	-	-	< 0.0050	60	-	-	-	0.17
25-Nov-97	0.76	< 0.003	< 0.001	< 0.300	< 0.005	< 0.0050	150	< 0.050	-	< 0.020	2.00
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-
12-May-98	-	-	-	-	-	< 0.0002	120	-	-	-	0.25
09-Jul-98	-	-	-	-	-	0.0004	57	-	-	-	0.22
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-
28-Apr-99	< 0.10	< 0.100	< 0.010	0.040	< 0.005	< 0.0050	125	< 0.010	-	< 0.020	0.20
04-Nov-99	-	-	-	-	-	< 0.0050	182	-	-	-	0.30
26-Apr-00	-	-	-	-	-	< 0.0050	81	-	-	-	0.13
12-Oct-00	< 0.10	< 0.060	< 0.010	0.027	< 0.005	< 0.0050	136	< 0.010	-	< 0.020	0.11
17-Apr-01	3.61	< 0.060	< 0.010	0.107	< 0.005	< 0.0050	210	< 0.013	-	< 0.020	8.59
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-
16-Apr-02	-	-	-	-	-	< 0.0050	141	-	-	-	0.17
22-Oct-03	< 0.10	< 0.060	< 0.010	< 0.020	< 0.005	< 0.0050	52	< 0.010	-	< 0.020	< 0.10
19-Apr-04	< 0.10	< 0.060	< 0.010	0.031	< 0.005	< 0.0050	106	< 0.010	-	< 0.020	0.12
19-Oct-05	-	-	-	-	-	< 0.0050	62	-	-	-	< 0.10
23-May-06	-	-	-	-	-	< 0.0050	79	-	-	-	0.16
24-May-06	FROZEN	-	-	-	-	-	-	-	-	-	-
16-Jun-08	-	-	-	-	-	< 0.0050	89	-	-	-	3.81
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-
2-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-

	CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA											
	TOTAL METALS											
SURFACE WATER	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Na (mg/l)	Se (mg/l)	Ag (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
TRIGGER VALUES	-	-	-	-	-	-	-	-	-	-	-	-
SW-2												
27-Sep-96	DRY	-	-	-	-	-	-	-	-	-	-	-
05-Dec-96	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Mar-97	< 0.001	10	0.13	-	-	3.0	2.2	-	-	-	-	-
15-May-97	0.015	32	0.21	-	-	5.3	5.0	-	-	-	-	-
25-Aug-97	0.001	16	0.14	-	-	5.1	3.9	-	-	-	-	-
25-Nov-97	0.003	43	2.40	< 0.0004	< 0.030	6.1	5.8	0.0010	< 0.05	< 0.003	-	0.020
24-Feb-98	FROZEN	-	-	-	-	-	-	-	-	-	-	-
12-May-98	< 0.001	37	0.08	-	-	6.7	5.5	-	-	-	-	-
09-Jul-98	0.005	17	0.12	-	-	3.0	2.0	-	-	-	-	-
16-Oct-98	DRY	-	-	-	-	-	-	-	-	-	-	-
28-Apr-99	< 0.005	43	0.10	< 0.0003	< 0.040	11.8	5.9	< 0.0050	< 0.01	< 0.01	-	0.070
04-Nov-99	< 0.005	51	0.77	-	-	27.0	6.4	-	-	-	-	-
26-Apr-00	< 0.005	25	0.08	-	-	9.9	2.4	-	-	-	-	-
12-Oct-00	< 0.005	45	0.48	< 0.0003	< 0.040	9.8	8.5	< 0.0050	< 0.01	< 0.01	-	< 0.020
17-Apr-01	< 0.005	48	4.52	< 0.0003	< 0.040	9.2	7.0	0.0123	< 0.01	< 0.01	-	0.045
09-Oct-01	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Apr-02	< 0.005	41	0.56	-	-	8.7	5.3	-	-	-	-	-
22-Oct-03	< 0.005	15	0.12	< 0.0003	< 0.040	7.0	3.3	< 0.0050	< 0.01	< 0.01	-	< 0.020
19-Apr-04	< 0.005	35	0.24	< 0.0003	< 0.040	7.9	3.6	< 0.0050	< 0.01	< 0.01	-	< 0.020
19-Oct-05	< 0.005	15	0.05	-	-	3.9	2.2	-	-	-	-	-
23-May-06	< 0.005	18	0.11	-	-	2.9	7.1	-	-	-	-	-
24-May-06	FROZEN	-	-	-	-	-	-	-	-	-	-	-
16-Jun-08	0.008	21	1.90	-	-	3.3	8.4	-	-	-	-	-
06-Oct-09	DRY	-	-	-	-	-	-	-	-	-	-	-
16-Jun-10	DRY	-	-	-	-	-	-	-	-	-	-	-
03-Nov-11	DRY	-	-	-	-	-	-	-	-	-	-	-
30-May-12	DRY	-	-	-	-	-	-	-	-	-	-	-
12-Dec-13	DRY	-	-	-	-	-	-	-	-	-	-	-
29-May-14	DRY	-	-	-	-	-	-	-	-	-	-	-
17-Nov-15	DRY	-	-	-	-	-	-	-	-	-	-	-
01-Jun-16	DRY	-	-	-	-	-	-	-	-	-	-	-
18-Dec-17	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Jun-18	DRY	-	-	-	-	-	-	-	-	-	-	-
20-Nov-19	DRY	-	-	-	-	-	-	-	-	-	-	-
08-Apr-20	DRY	-	-	-	-	-	-	-	-	-	-	-
2-Nov-21	DRY	-	-	-	-	-	-	-	-	-	-	-
26-Apr-22	DRY	-	-	-	-	-	-	-	-	-	-	-

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA	
DISSOLVED METALS	
SURFACE WATER	Al (mg/l) Sb (mg/l) As (mg/l) Ba (mg/l) Be (mg/l) Cd (mg/l) Ca (mg/l) Cr (mg/l) Co (mg/l) Cu (mg/l) Fe (mg/l)
6NYCRR Part 703 GROUNDWATER STANDARD	- - - - - - - - - - -
TRIGGER VALUES	- - - - - - - - - - -
SW-2	
27-Sep-96	DRY - - - - - - - - - -
05-Dec-96	DRY - - - - - - - - - -
03-Mar-97	- - - - - - - - - -
15-May-97	- - - - - - - - - -
25-Aug-97	- - - - - - - - - -
25-Nov-97	- - - - - - - - - -
24-Feb-98	- - - - - - - - - -
12-May-98	FROZEN - - - - - - - - - -
09-Jul-98	- - - - - - - - - -
16-Oct-98	- - - - - - - - - -
28-Apr-99	- - - - - - - - - -
04-Nov-99	- - - - - - - - - -
26-Apr-00	- - - - - - - - - -
12-Oct-00	- - - - - - - - - -
17-Apr-01	- - - - - - - - - -
09-Oct-01	DRY - - - - - - - - - -
16-Apr-02	- - - - - - - - - -
22-Oct-03	- - - - - - - - - -
19-Apr-04	- - - - - - - - - -
19-Oct-05	- - - - - - - - - -
23-May-06	- - - - - - - - - -
24-May-06	FROZEN - - - - - - - - - -
16-Jun-08	- - - - - - - - - -
06-Oct-09	DRY - - - - - - - - - -
16-Jun-10	DRY - - - - - - - - - -
03-Nov-11	DRY - - - - - - - - - -
30-May-12	DRY - - - - - - - - - -
12-Dec-13	DRY - - - - - - - - - -
29-May-14	DRY - - - - - - - - - -
17-Nov-15	DRY - - - - - - - - - -
01-Jun-16	DRY - - - - - - - - - -
18-Dec-17	DRY - - - - - - - - - -
26-Jun-18	DRY - - - - - - - - - -
20-Nov-19	DRY - - - - - - - - - -
08-Apr-20	DRY - - - - - - - - - -
2-Nov-21	DRY - - - - - - - - - -
26-Apr-22	DRY - - - - - - - - - -

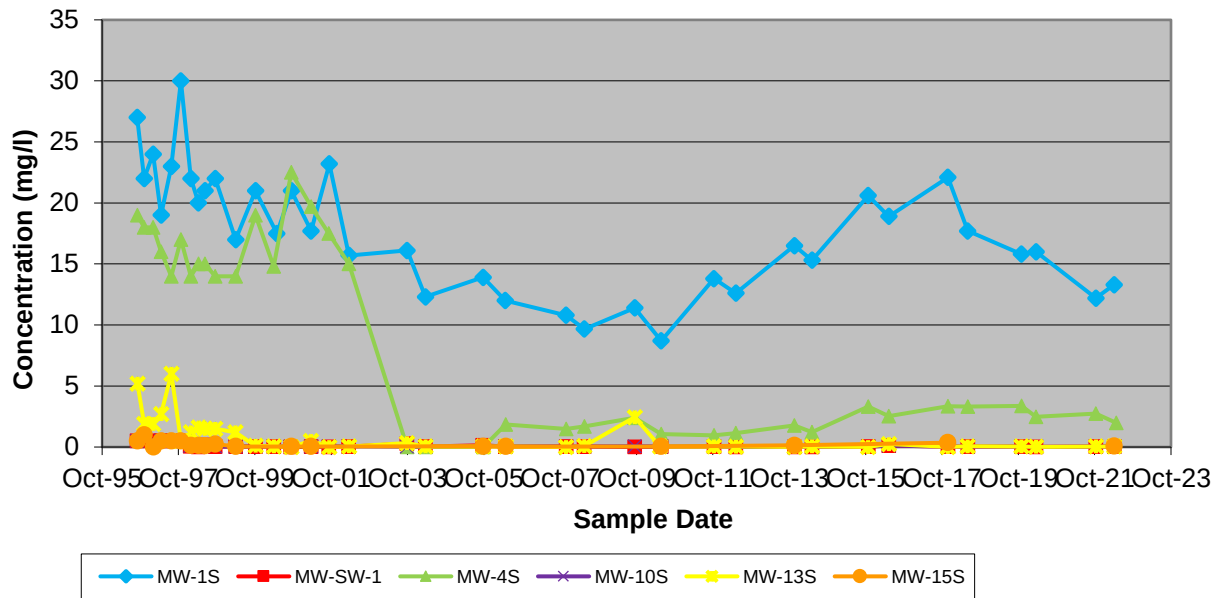
81

CHAMPLAIN LANDFILL (CLOSED) CLINTON COUNTY WATER QUALITY TEST DATA			
ORGANIC PARAMETERS (DETECTED)			
SURFACE WATER	1,1,1- Trichloro- ethane (ug/l)	1,1- Dichloro- ethane (ug/l)	SUM OF ORGANIC COMPOUNDS (DETECTED)
6NYCRR Part 703 GROUNDWATER STANDARD	-	-	
TRIGGER VALUES	-	-	
SW-2	ANALYSIS METHOD		
27-Sep-96	DRY	-	-
05-Dec-96	DRY	-	-
03-Mar-97	(EPA 8260) < 3	-	0
15-May-97	(EPA 8260) < 3	< 3	0
25-Aug-97	(EPA 8260) < 3	< 3	0
25-Nov-97	(EPA 8260/8270) < 3	< 3	0
24-Feb-98	FROZEN	-	-
12-May-98	(EPA 8260) < 1	< 1	0
09-Jul-98	(EPA 8260) < 1	< 1	0
16-Oct-98	DRY	-	-
28-Apr-99	(EPA 8260) < 5	< 5	0
04-Nov-99	-	-	-
26-Apr-00	-	-	-
12-Oct-00	(EPA 8260) < 5	< 5	0
17-Apr-01	(EPA 8260) < 5	< 5	0
09-Oct-01	DRY	-	-
16-Apr-02	-	-	-
22-Oct-03	(EPA 8260) < 5	< 5	0
19-Apr-04	(EPA 8260) < 5	< 5	0
19-Oct-05	-	-	-
23-May-06	-	-	-
24-May-06	FROZEN	-	-
16-Jun-08	-	-	-
06-Oct-09	DRY	-	-
16-Jun-10	DRY	-	-
03-Nov-11	DRY	-	-
30-May-12	DRY	-	-
12-Dec-13	DRY	-	-
29-May-14	DRY	-	-
17-Nov-15	DRY	-	-
01-Jun-16	DRY	-	-
18-Dec-17	DRY	-	-
26-Jun-18	DRY	-	-
20-Nov-19	DRY	-	-
08-Apr-20	DRY	-	-
2-Nov-21	DRY	-	-
26-Apr-22	DRY	-	-

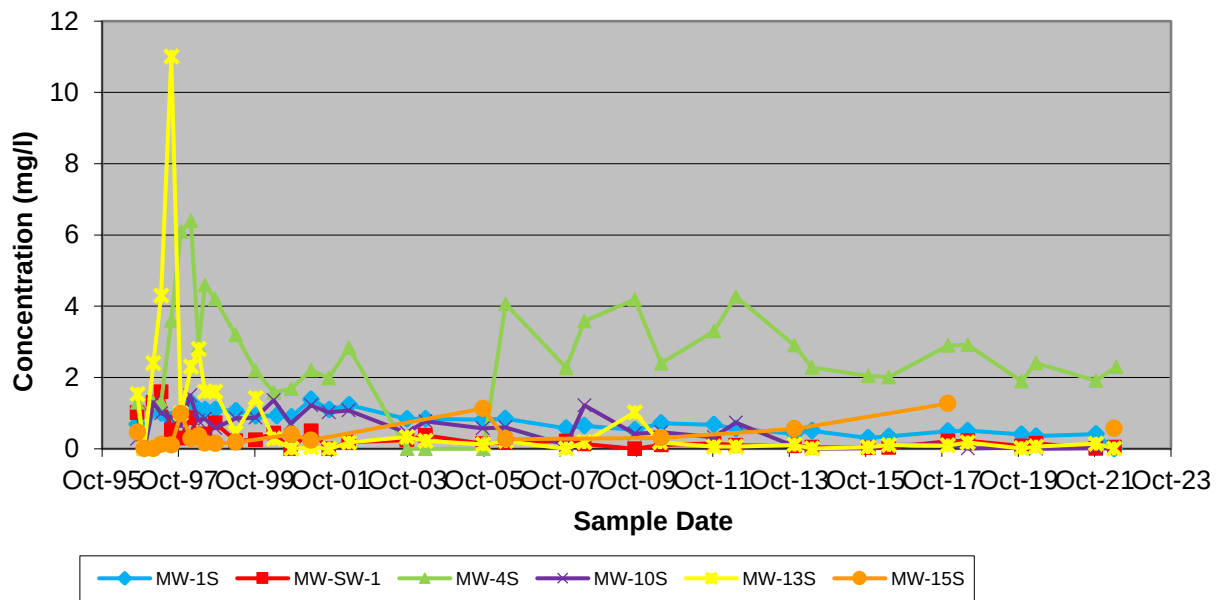
Appendix D

Overburden Graphical Trends

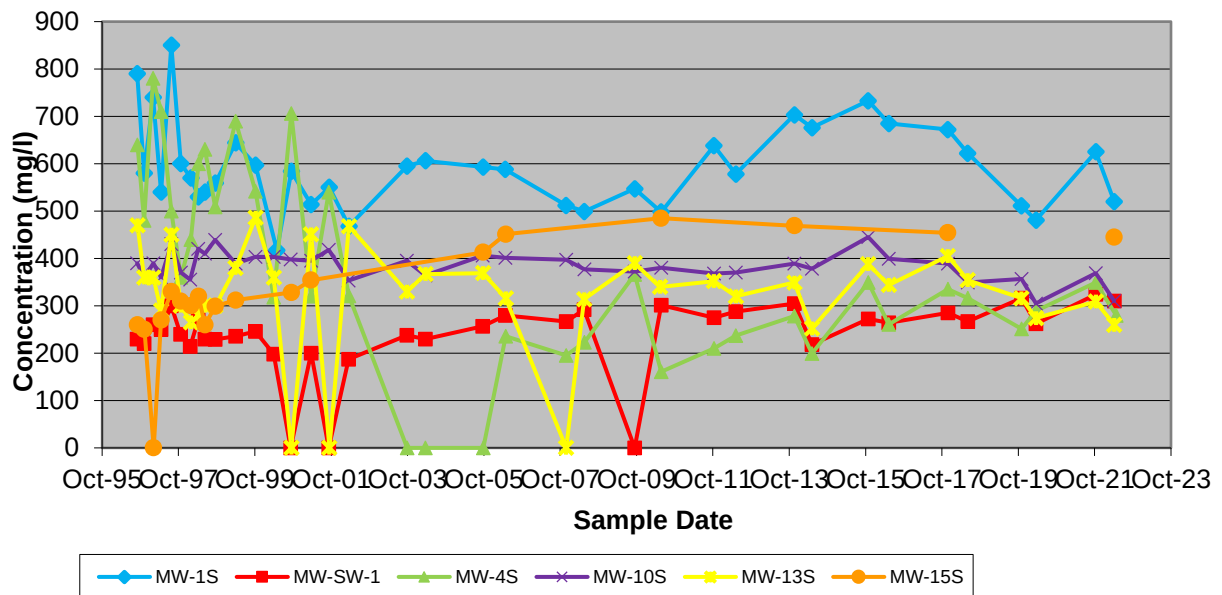
Ammonia in Shallow Overburden Wells



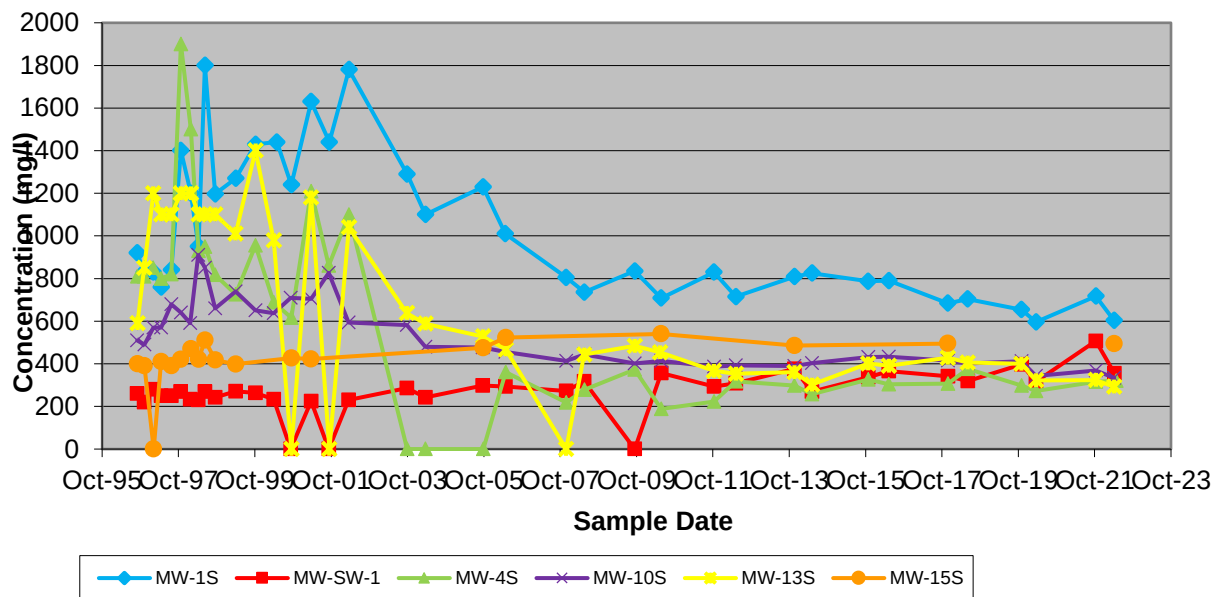
Manganese in Shallow Overburden Wells



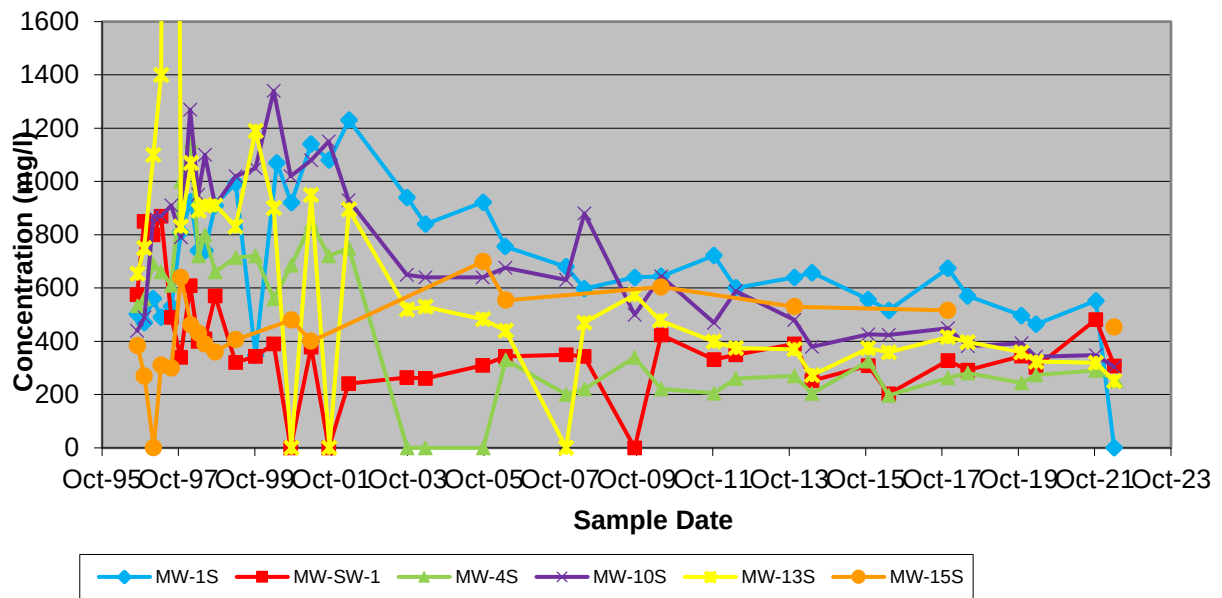
Total Alkalinity in Shallow Overburden Wells



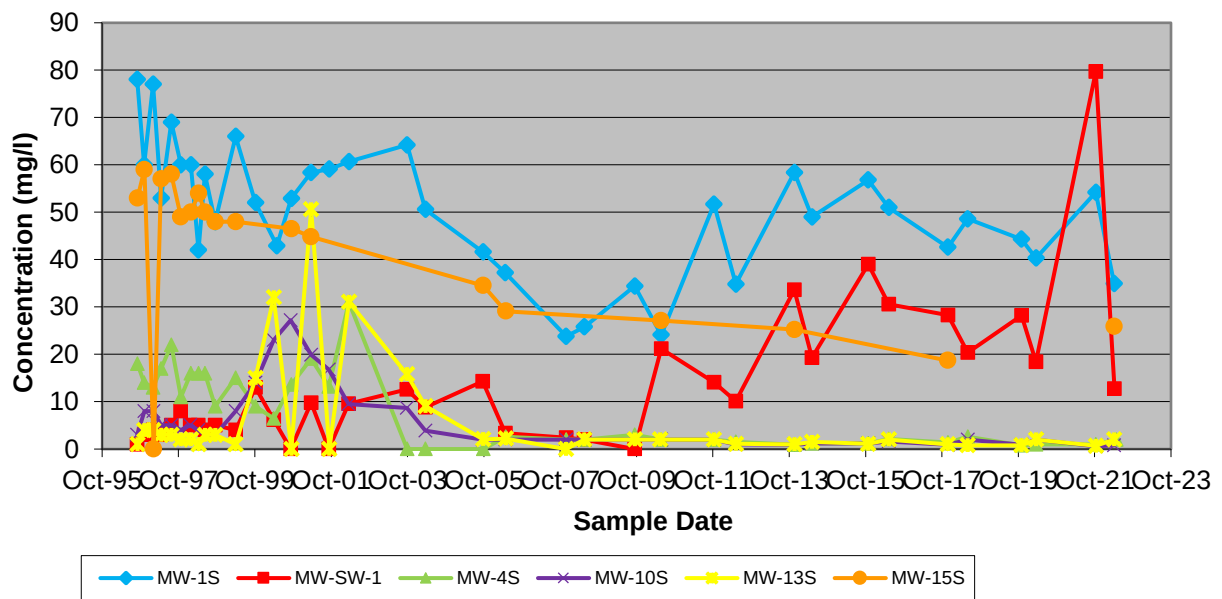
Total Dissolved Solids in Shallow Overburden Wells



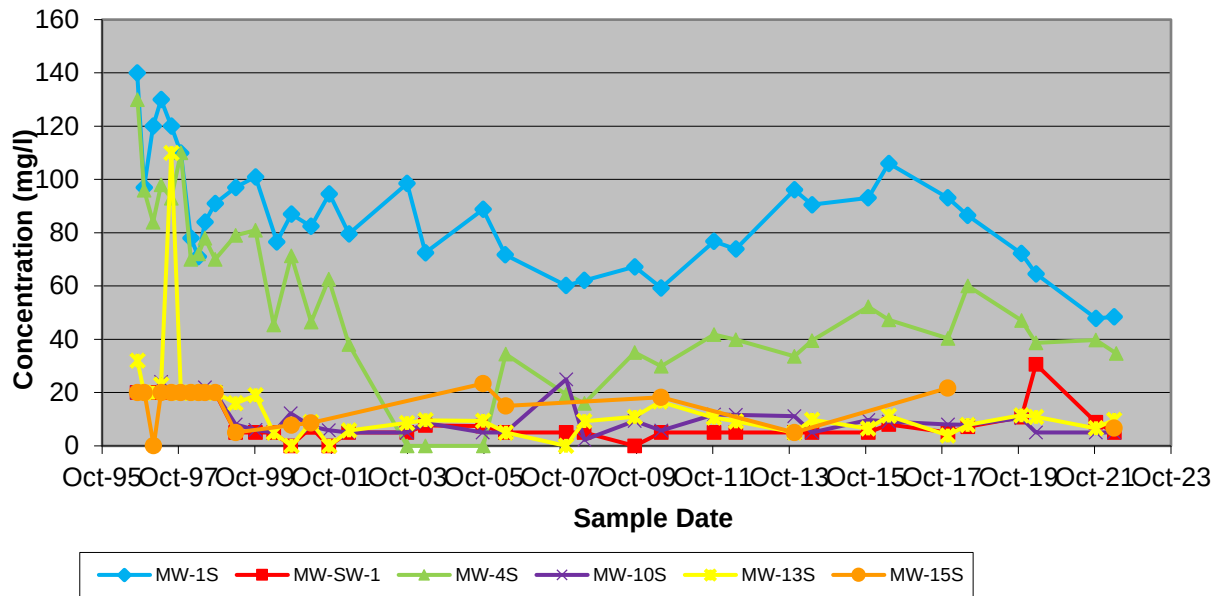
Total Hardness in Shallow Overburden Wells



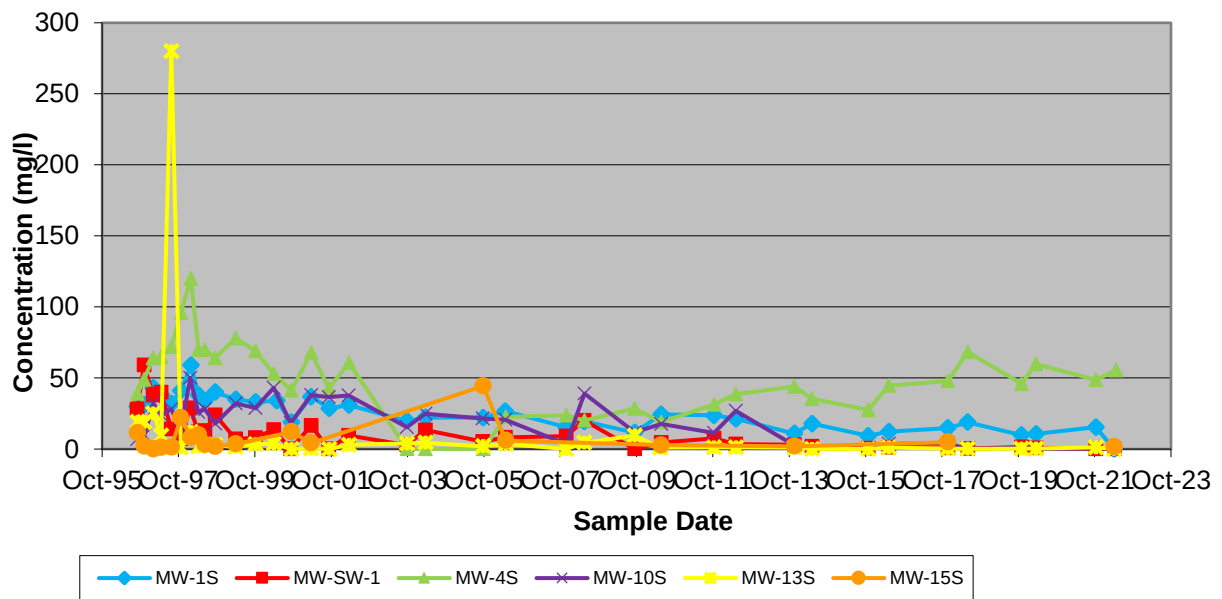
Chloride in Shallow Overburden Wells



Chemical Oxygen Demand in Shallow Overburden Wells



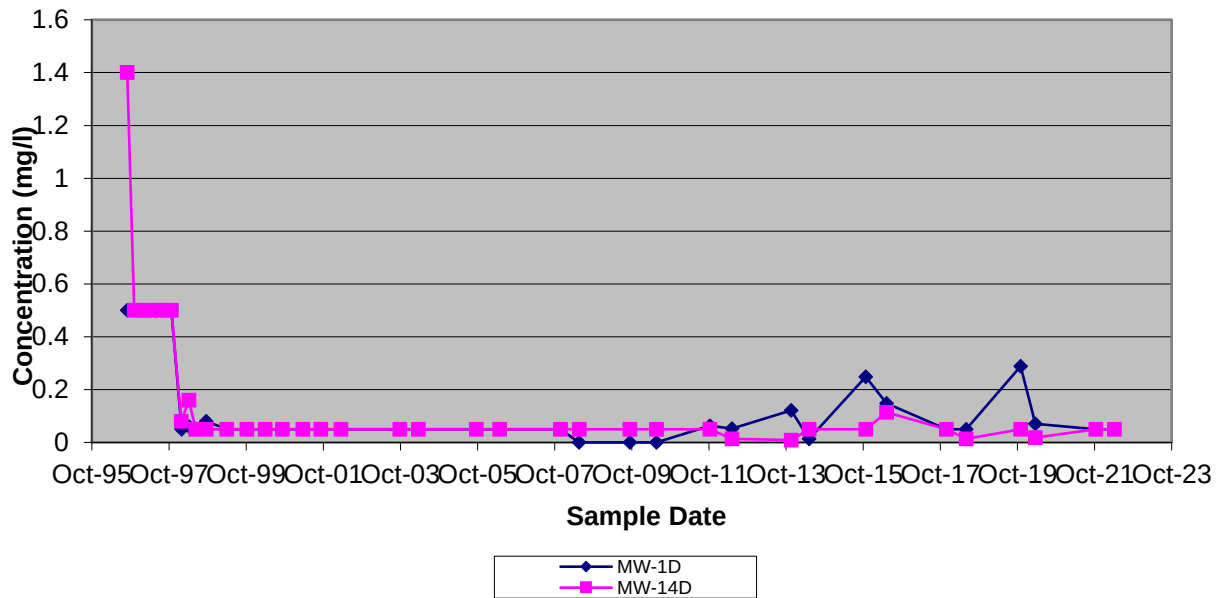
Iron in Shallow Overburden Wells



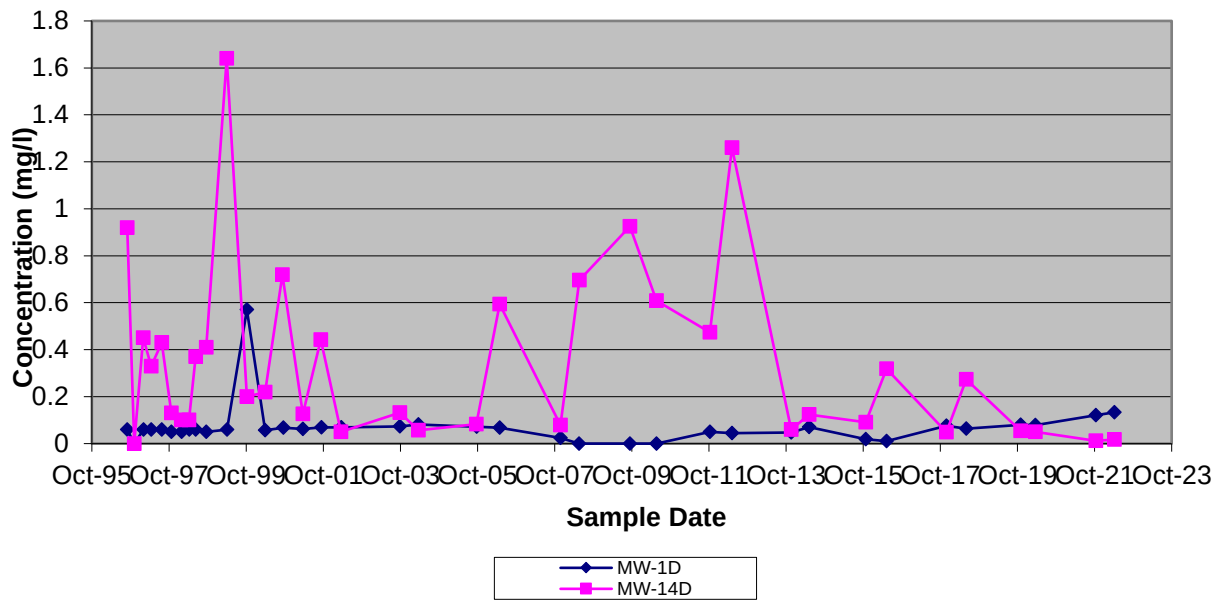
Appendix E

Bedrock Graphical Trends

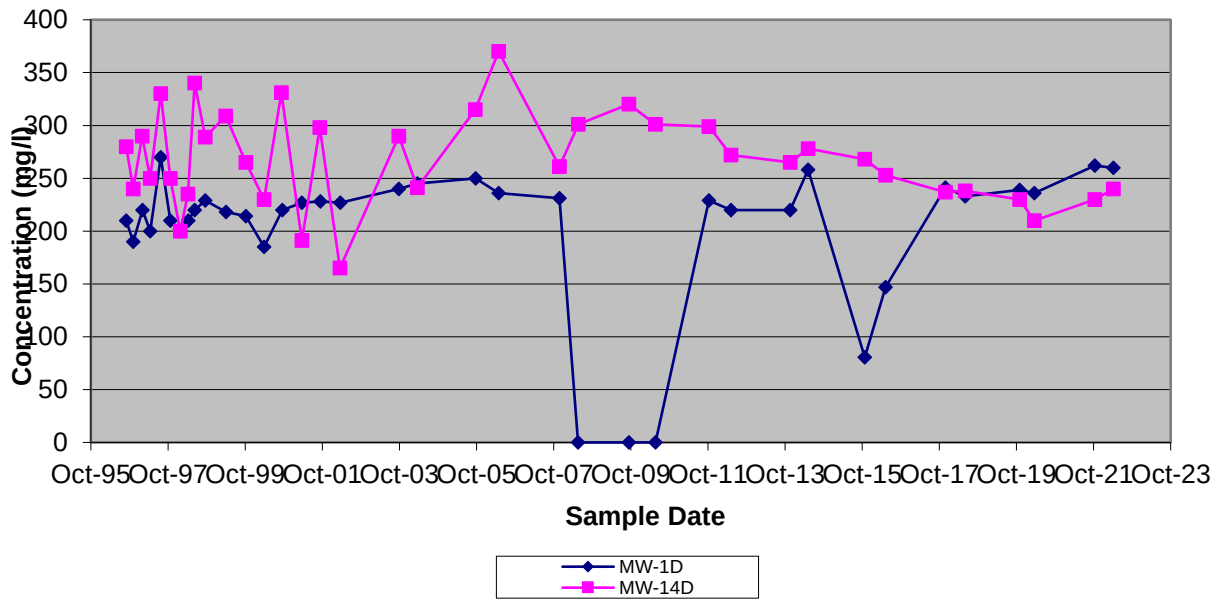
Ammonia in Bedrock Wells



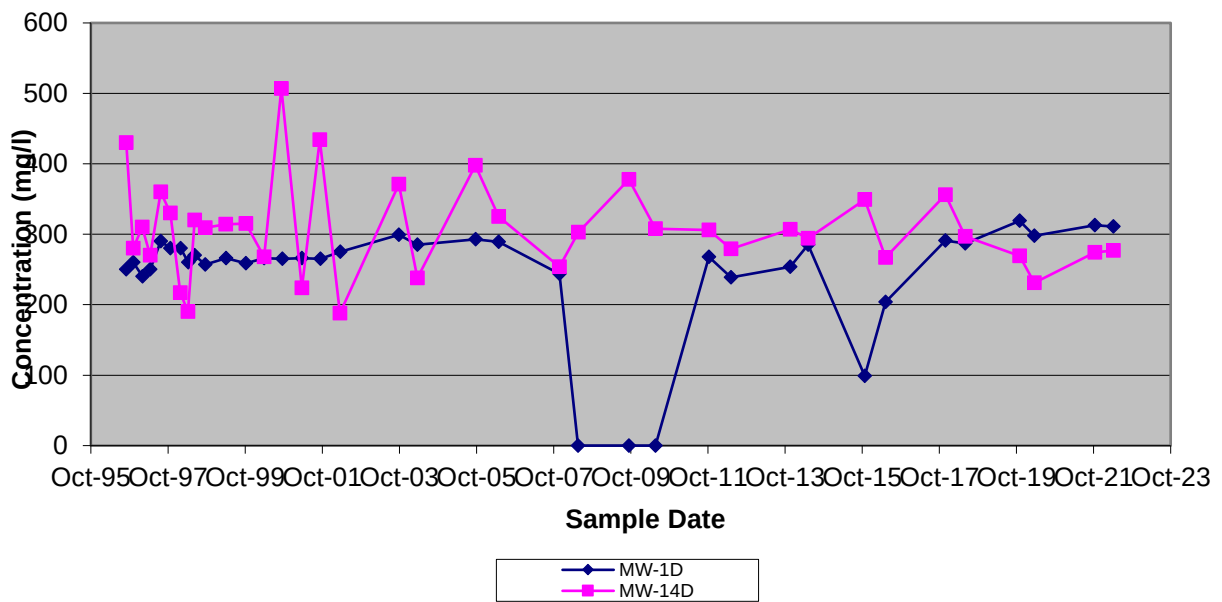
Manganese in Bedrock Wells

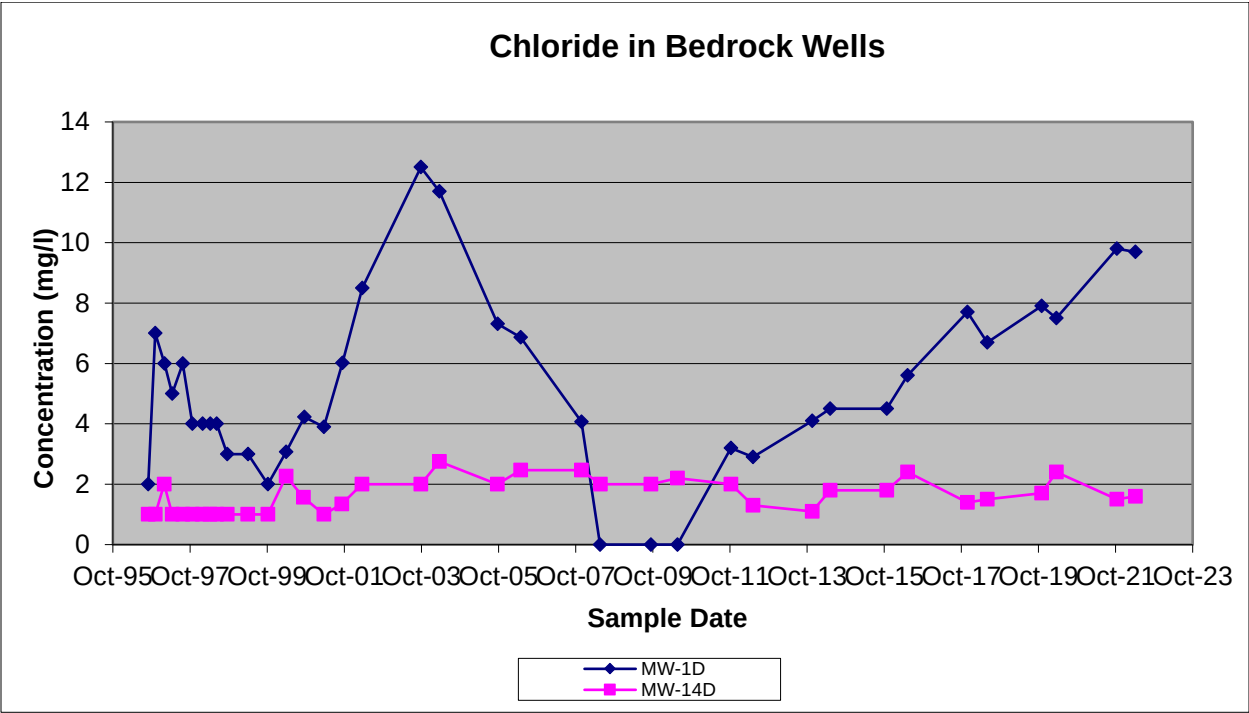
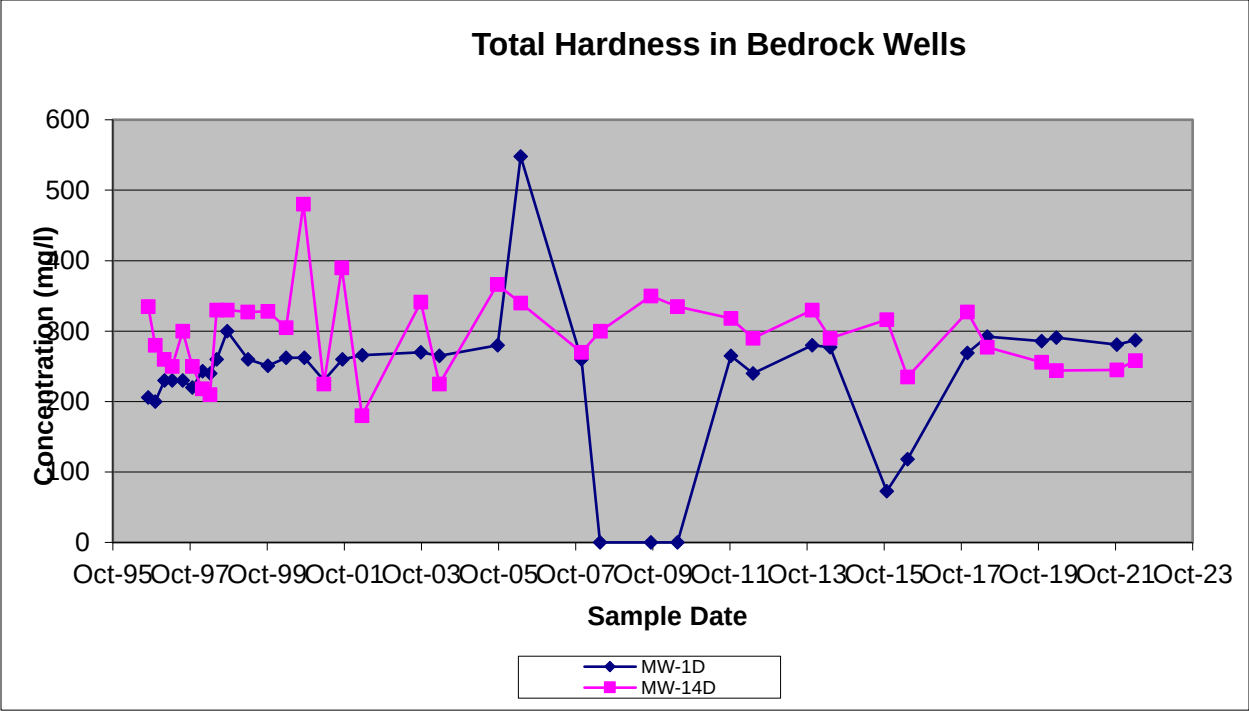


Total Alkalinity in Bedrock Wells

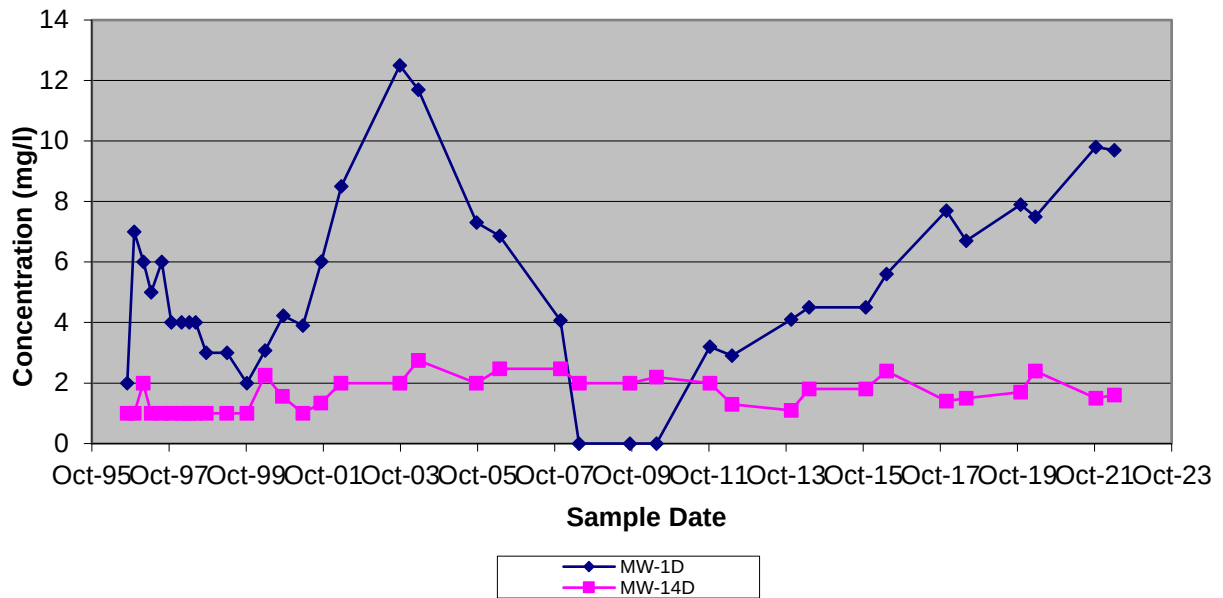


Total Dissolved Solids in Bedrock Wells

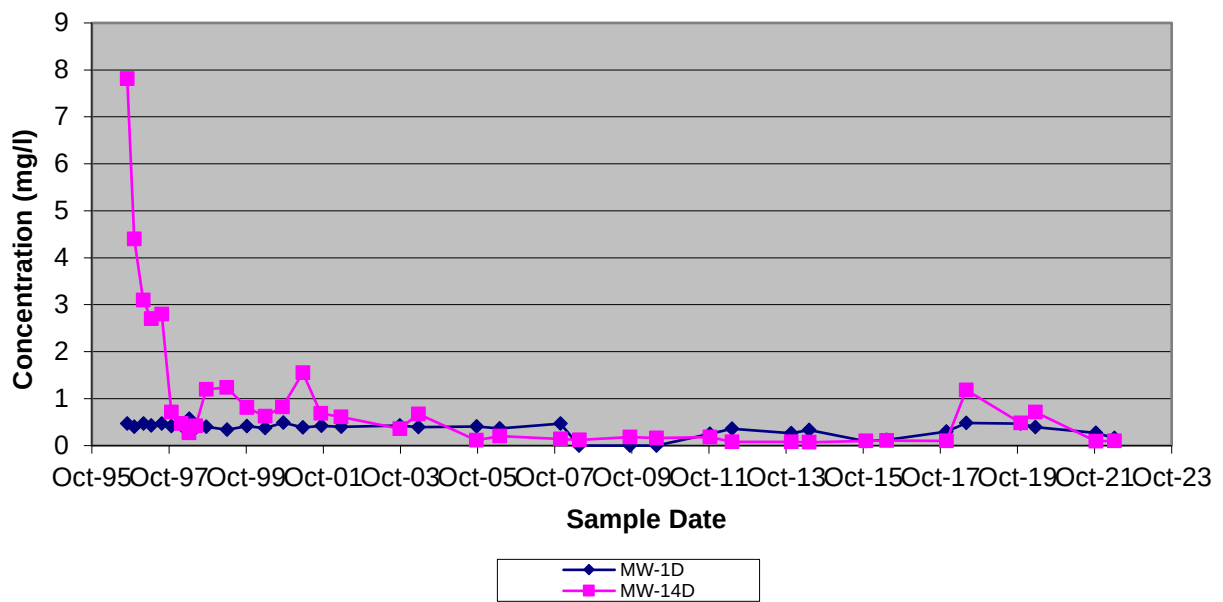




Chemical Oxygen Demand in Bedrock Wells



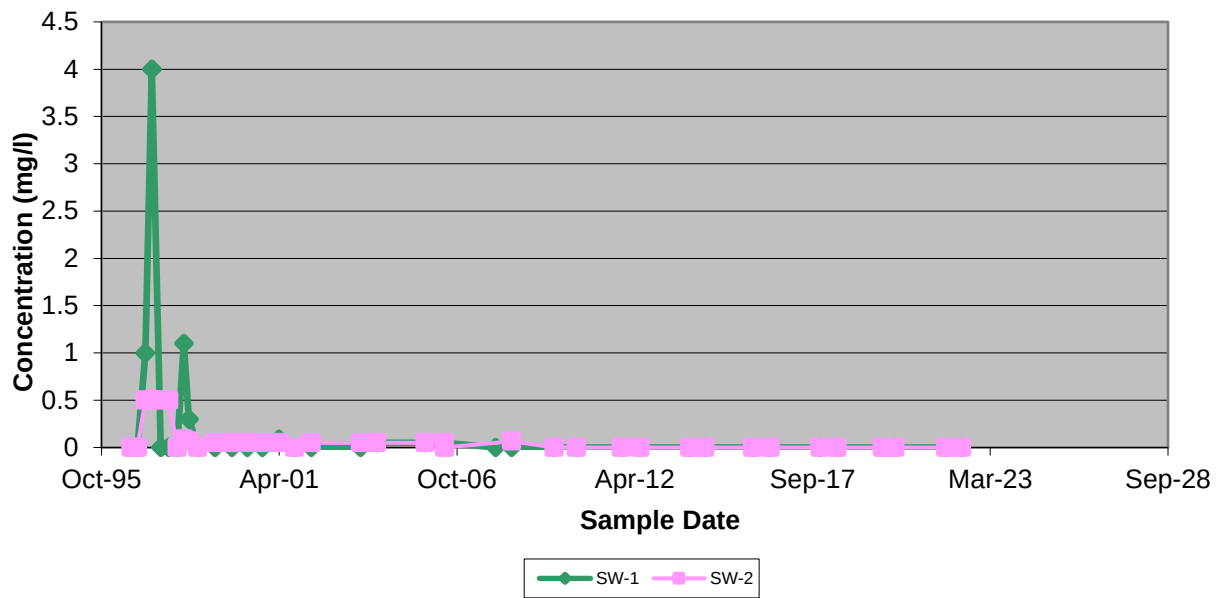
Iron in Bedrock Wells



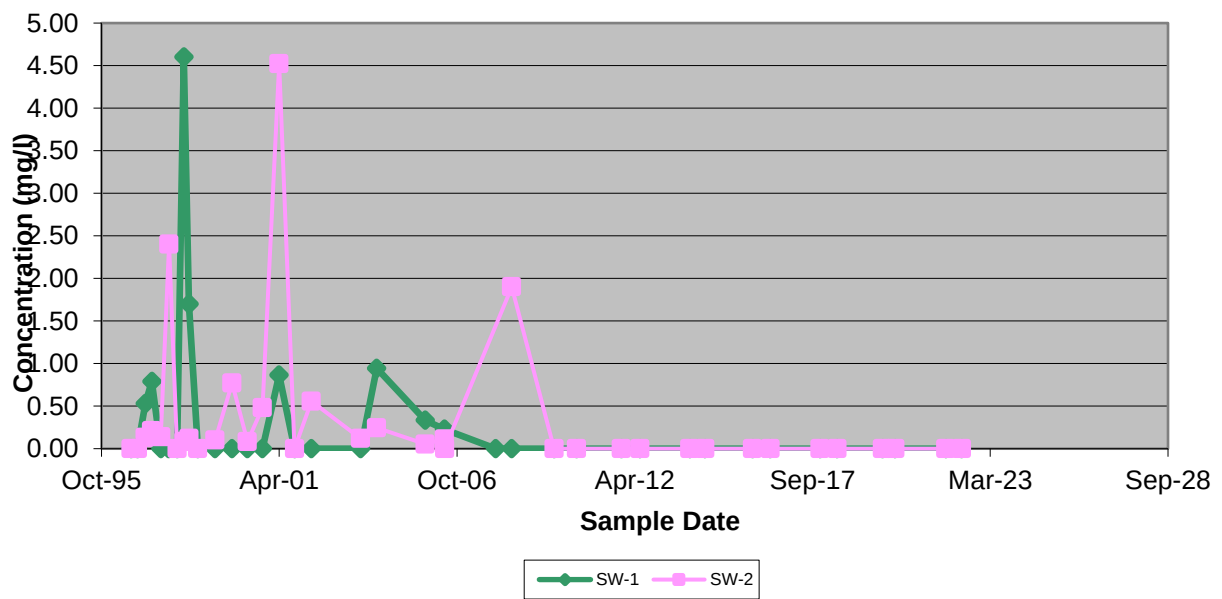
Appendix F

Surface Water Graphical Trends

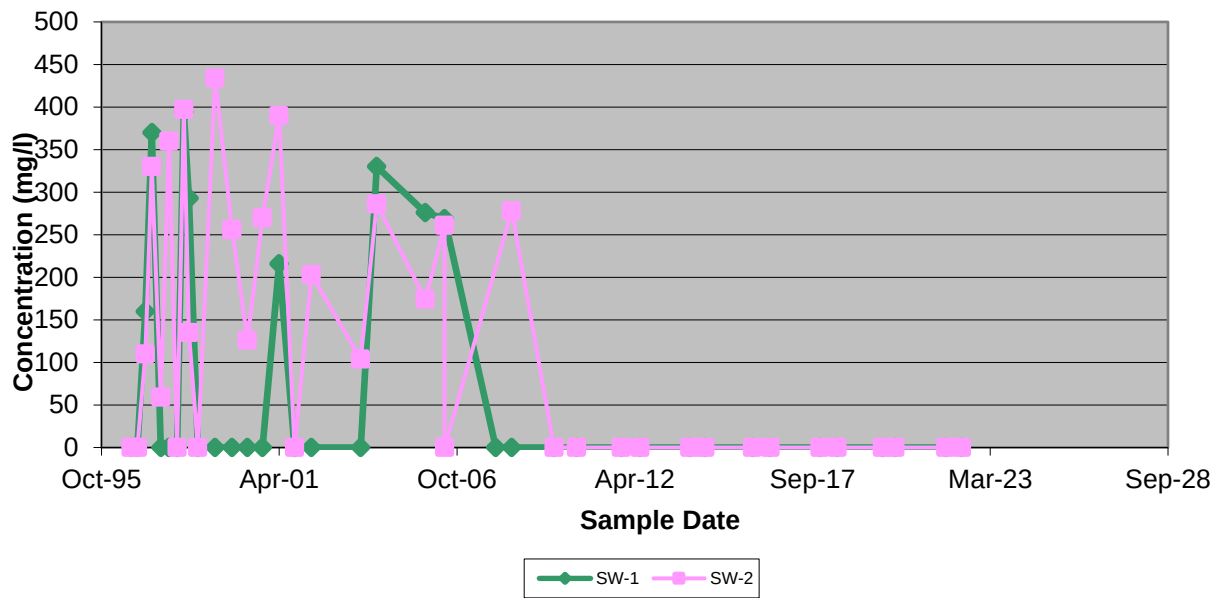
Ammonia in Surface Water



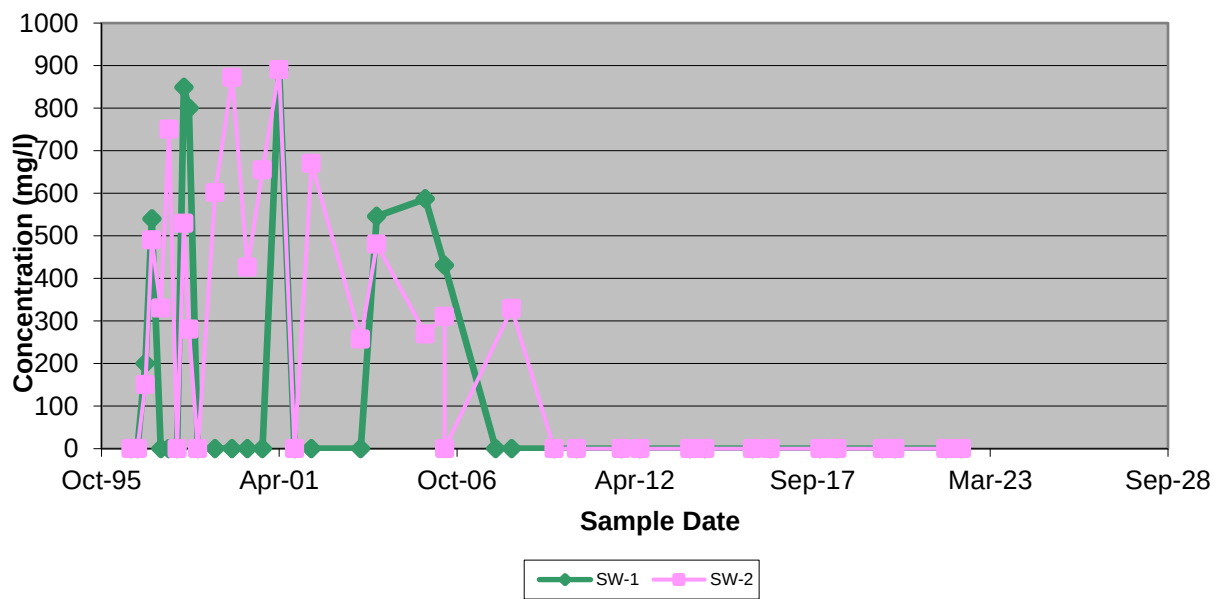
Manganese in Surface Water



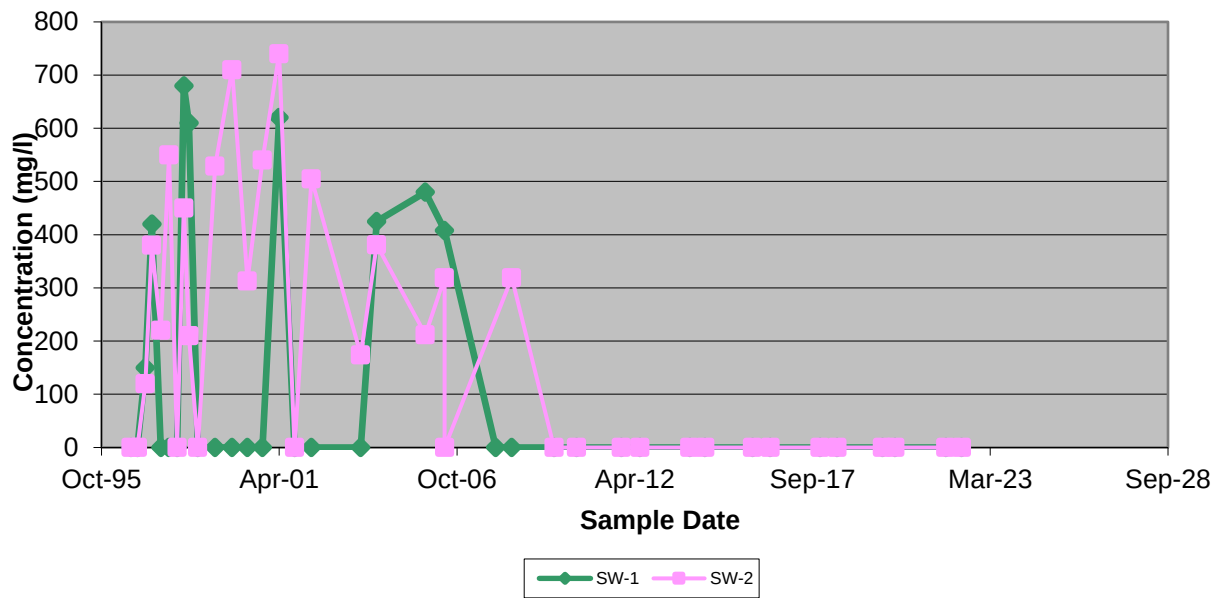
Total Alkalinity in Surface Water



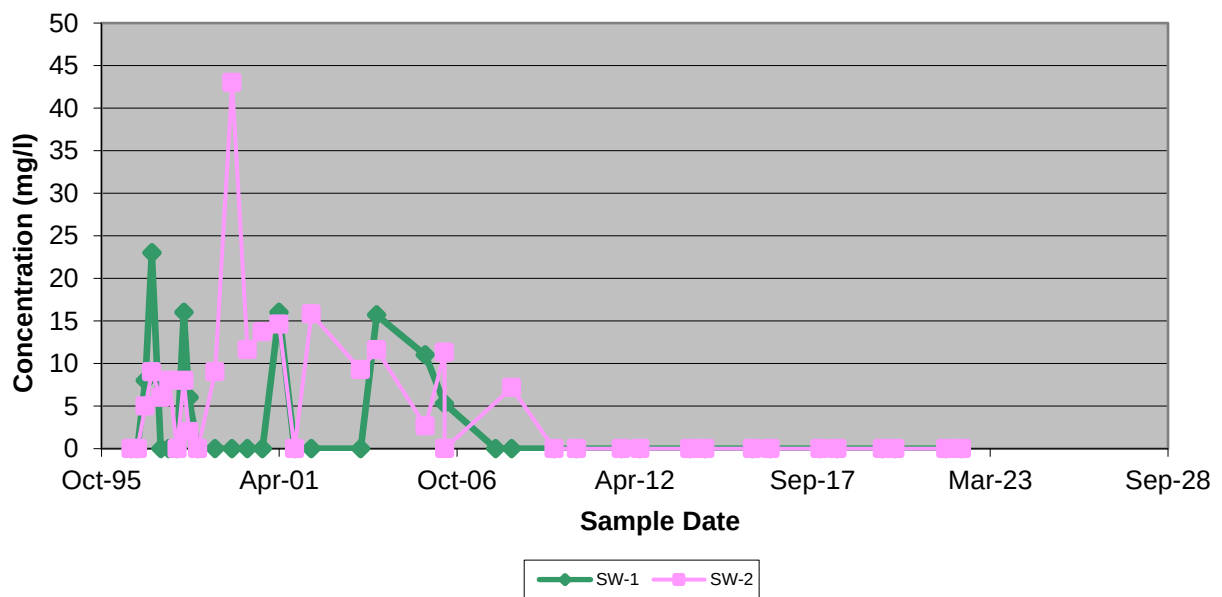
Total Dissolved Solids in Surface Water



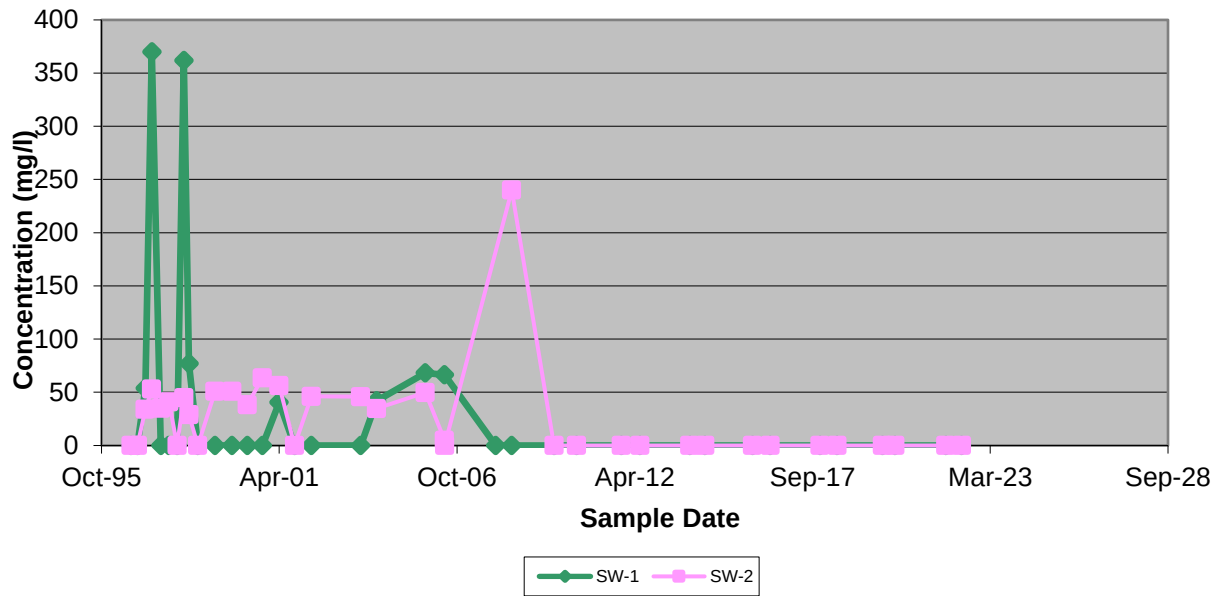
Total Hardness in Surface Water



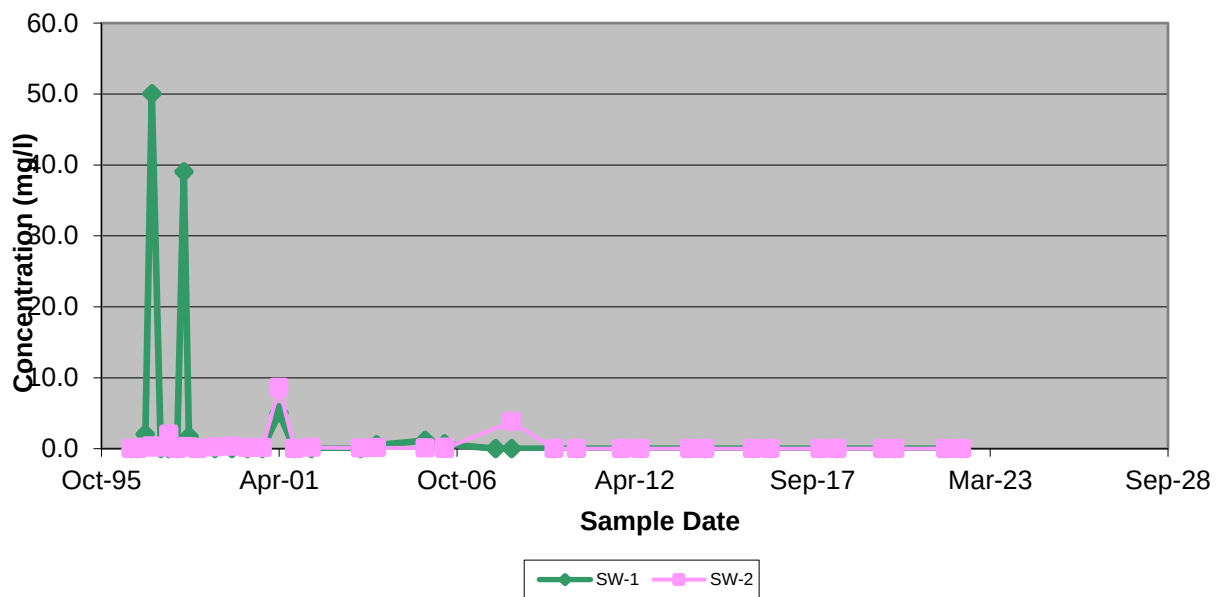
Chloride in Surface Water



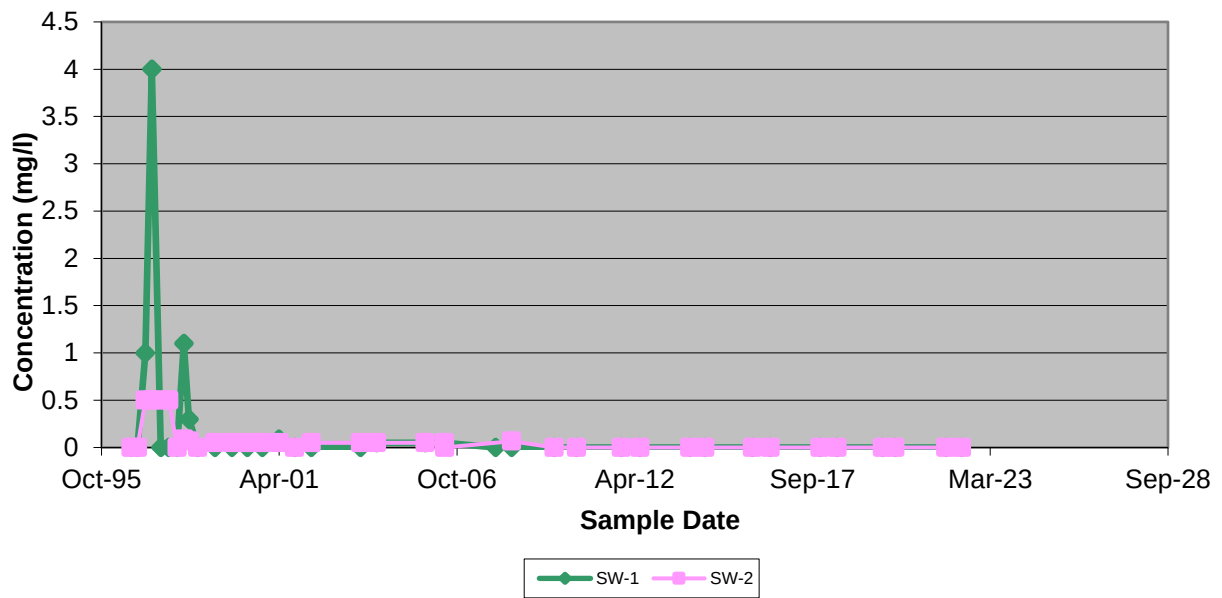
Chemical Oxygen Demand in Surface Water



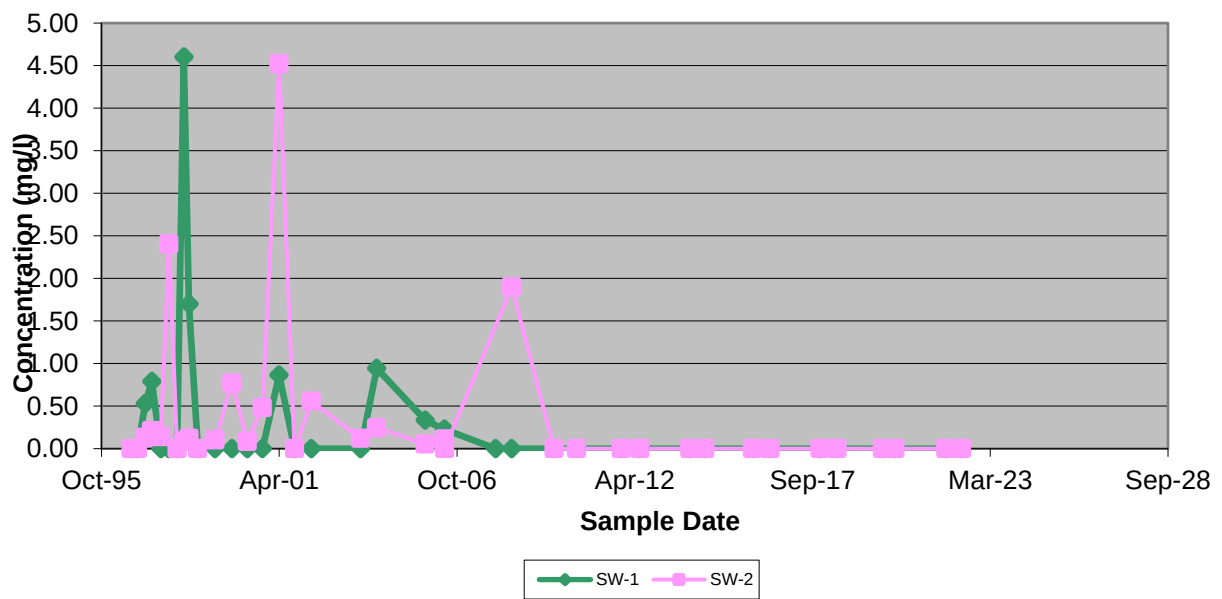
Iron in Surface Water



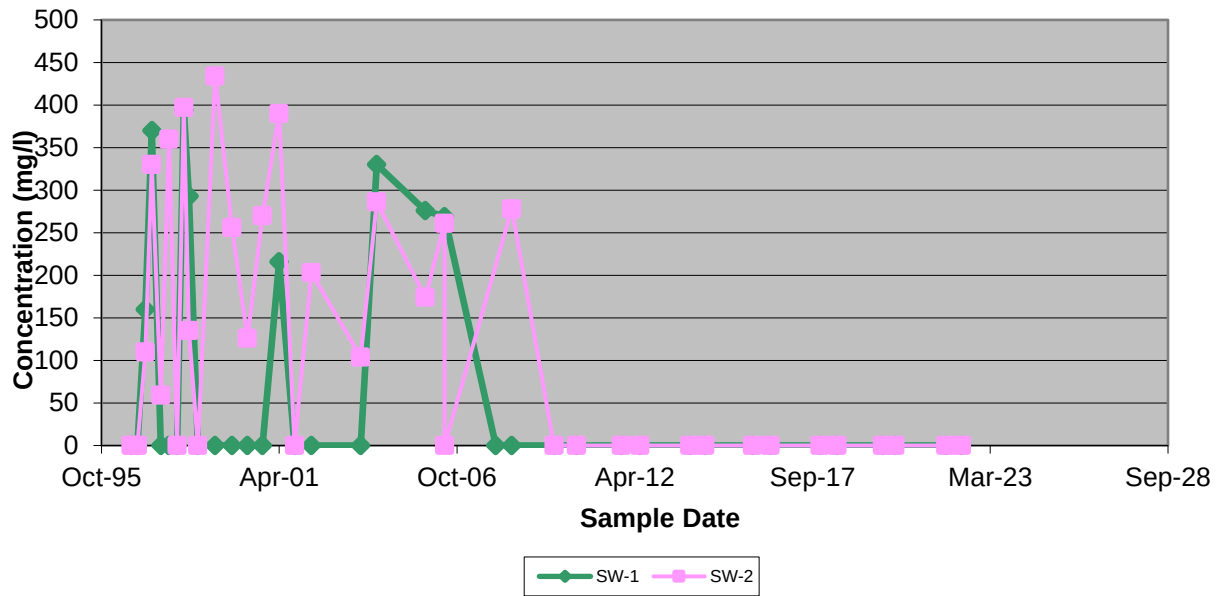
Ammonia in Surface Water



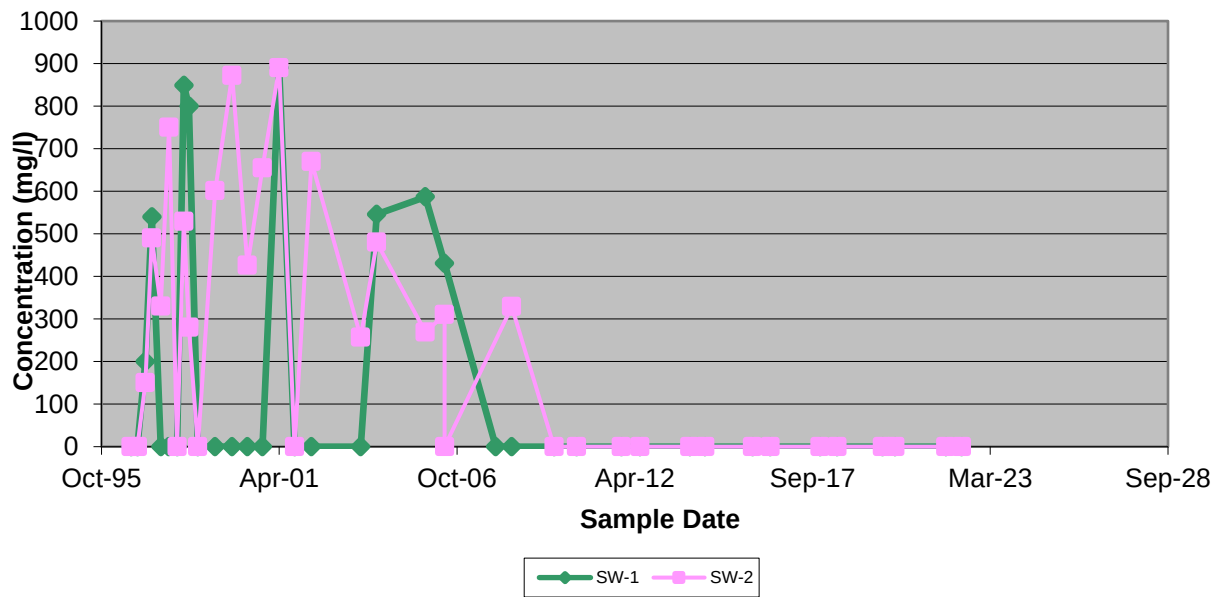
Manganese in Surface Water



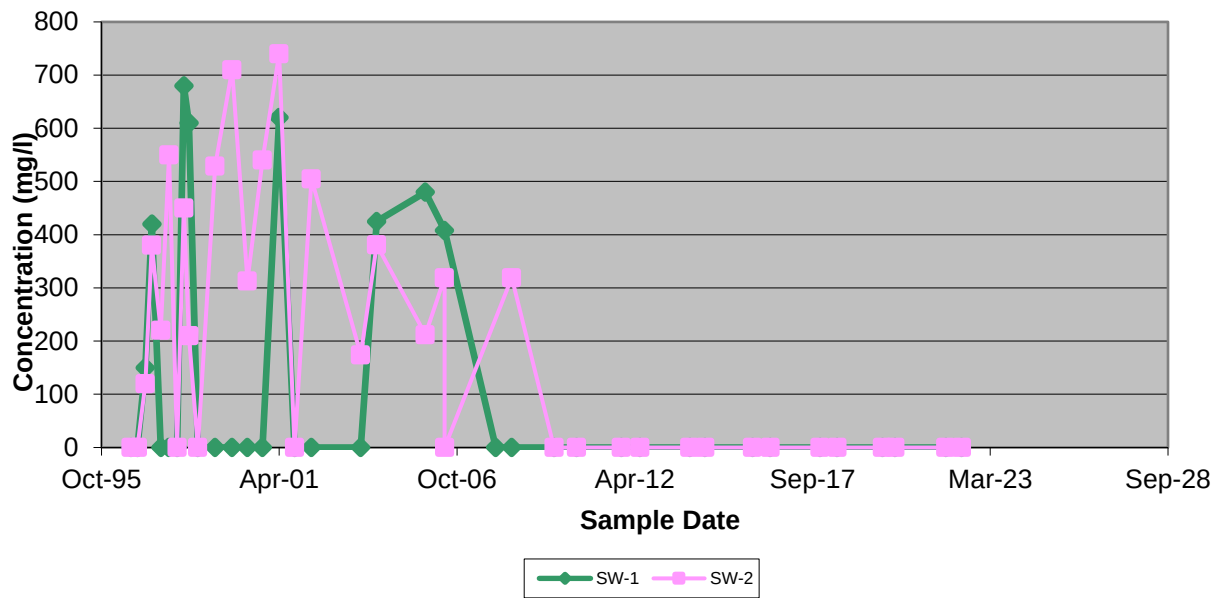
Total Alkalinity in Surface Water



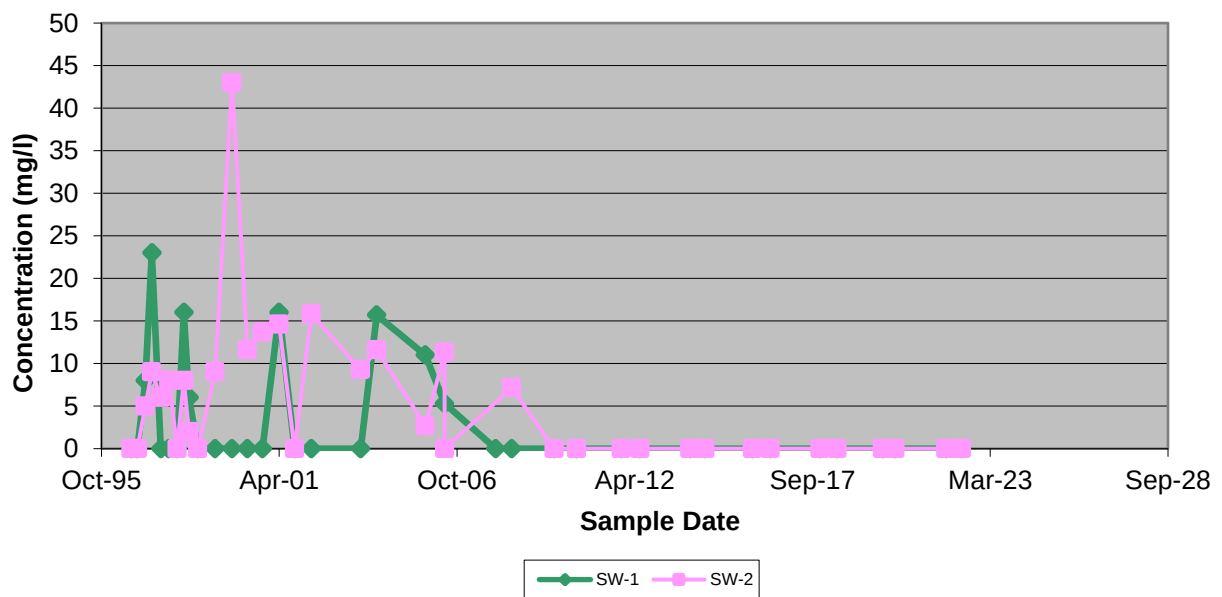
Total Dissolved Solids in Surface Water



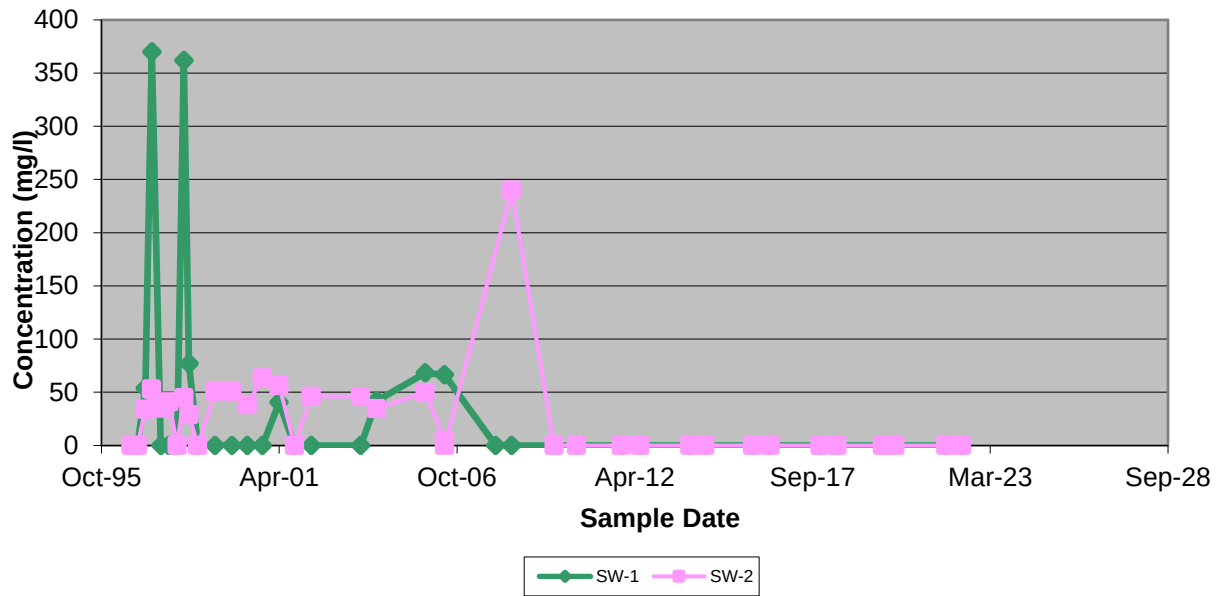
Total Hardness in Surface Water



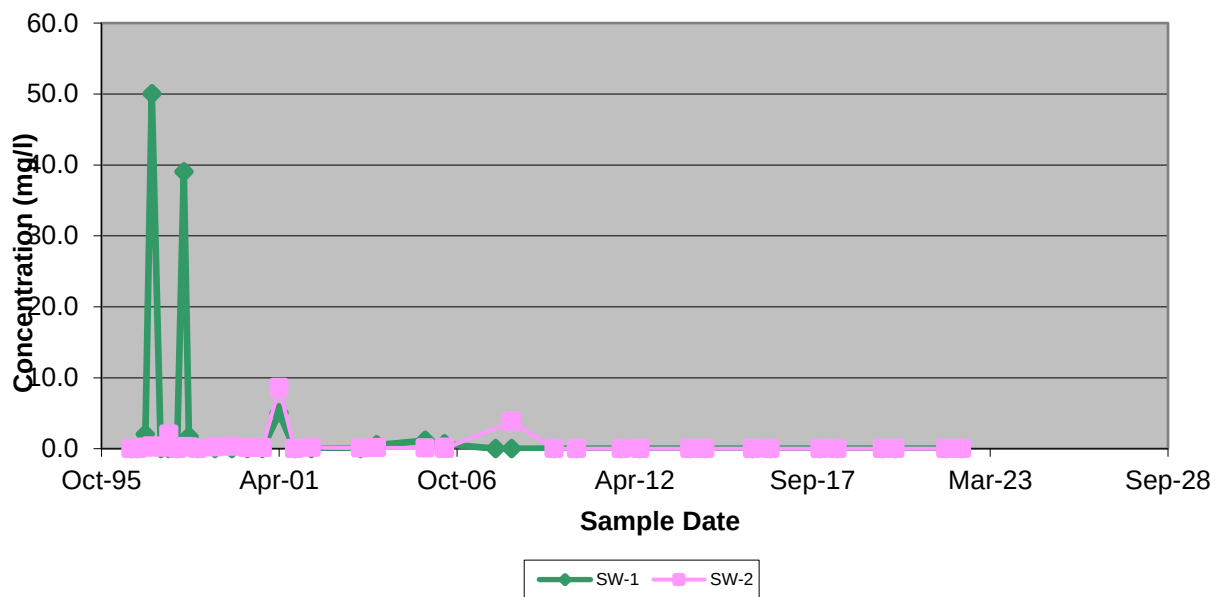
Chloride in Surface Water



Chemical Oxygen Demand in Surface Water



Iron in Surface Water



Appendix G

Emerging Contaminants PFAS and 1,4-dioxane Results

				April 2022									
Emerging Contaminant		NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance Value (June 2021)		Monitoring Location									
		MW-15	MW-1D	MW-35	MW-3D	MW-4S	MW-14D	MW-15S	Equipment Blank				
		Results (ng/L)											
PFAS (ng/L)	Perfluorobutane Sulfonic Acid (PFBS)	0.613	0.29 U	1.63	0.30 U	0.553	0.873	0.80 U	0.32 U				
	Perfluorooctane Sulfonic Acid (PFHxS)	1.37	0.75 U	0.75 U	0.76 U	0.93 U	0.79 U	0.77 U	0.83 U				
	Perfluorohexane Sulfonic Acid (PFHxS)	2.47	0.47 U	0.46 U	0.49 U	0.58 U	0.50 U	0.48 U	0.52 U				
	Perfluorooctanesulfonic Acid (PFOS)	130	0.74 U	0.71 U	1.41	28	4.7	1.21	0.87 U				
	Perfluorodecane Sulfonic Acid (PFDS)	1.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U				
	Perfluorobutanoic Acid (PFBA)	28	2.70 U	2.33	2.43	4.63	37	26	2.4 U				
	Perfluoropentanoic Acid (PFPeA)	1.73	1.1 U	1.0 U	1.1 U	4.13	2.77	3.03	1.2 U				
	Perfluorohexanoic Acid (PFHxA)	6.9	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U				
	Perfluorooctanoic Acid (PFHxO)	7.3	1.4 U	1.4 U	1.5 U	1.9 U	1.5 U	1.5 U	1.6 U				
	Perfluorooctanoic Acid (PFDO)	66	0.52 U	0.567	1.31	5.7	0.96 U	0.96 U	0.96 U				
	Perfluorononanoic Acid (PFNA)	2.2	0.72 U	0.75 U	0.75 U	0.88 U	0.76 U	0.74 U	0.80 U				
	Perfluorodecanoic Acid (PFDA)	1.37	1.0 U	0.96 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U				
	Perfluoroundecanoic Acid (PFUnDA)	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U				
	Perfluorododecanoic Acid (PFDDoDA)	0.57 U	0.56 U	0.56 U	0.56 U	0.57 U	0.57 U	0.57 U	0.57 U				
PFAS (ng/L)	Perfluorotridecanoic Acid (PTTDoDA)	2.91 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U				
	Perfluorotetradecanoic Acid (PFTDoDA)	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U				
	Perfluoropentadecanoic Acid (PFPeDA)	19	0.59 U	0.59 U	0.59 U	0.77 U	0.62 U	0.60 U	0.64 U				
	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	3.93	0.54 U	0.53 U	0.53 U	0.96 U	0.56 U	0.55 U	0.59 U				
	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	34	1.3 U	1.3 U	1.3 U	2.4 U	1.4 U	1.3 U	1.4 U				
	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U				
	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	0.94 U	0.94 U	0.90 U	0.97 U	1.2 U	0.99 U	0.96 U	1.0 U				
	1,4 Dioxane	0.35	5.4	0.04 U	0.04 U	0.11	0.029 U	0.04 U	0.08	0.04 U			
	November 2021												
	Emerging Contaminant		NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance Value (June 2021)		Monitoring Location								
			MW-15	MW-1D	MW-35	MW-3D	MW-4S	MW-14D	MW-15S	Equipment Blank			
			Results (ng/L)										
	PFAS (ng/L)	Perfluorobutane Sulfonic Acid (PFBS)	1.21	0.30 U	0.29 U	0.35 U	0.96 U	0.30 U	0.88 U	0.30 U			
		Perfluorooctane Sulfonic Acid (PFHxS)	2.17	0.31 U	0.30 U	0.30 U	0.31 U	1.0 U	0.30 U	0.31 U			
Perfluorohexane Sulfonic Acid (PFHxS)		1.0	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U				
Perfluorooctanesulfonic Acid (PFOS)		170	0.76 U	0.75 U	1.3	22	0.76 U	1.4	0.76 U				
Perfluorodecane Sulfonic Acid (PFDS)		1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U				
Perfluorobutanoic Acid (PFBA)		31	2.3 U	2.3 U	2.4 U	4.6 U	37	26	2.4 U				
Perfluoropentanoic Acid (PFPeA)		6.3	1.1 U	1.0 U	1.2 U	1.2 U	1.1 U	1.0 U	1.1 U				
Perfluorohexanoic Acid (PFHxA)		6.5	1.0 U	0.96 U	1.1 U	2.2 U	1.0 U	2.3 U	1.0 U				
Perfluorooctanoic Acid (PFHxO)		7.3	1.5 U	1.5 U	1.5 U	2.3 U	1.5 U	2.1 U	1.5 U				
Perfluorooctanoic Acid (PFDO)		46	0.54 U	0.56 U	1.2	5.8 U	0.54 U	0.54 U	0.54 U				
Perfluorononanoic Acid (PFNA)		1.5 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U				
Perfluorodecanoic Acid (PFDA)		1.6 U	1.1 U	1.0 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U				
Perfluoroundecanoic Acid (PFUnDA)		0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U				
Perfluorododecanoic Acid (PFDDoDA)		0.57 U	0.56 U	0.56 U	0.56 U	0.57 U	0.57 U	0.57 U	0.57 U				
PFAS (ng/L)	Perfluorotridecanoic Acid (PTTDoDA)	2.91 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U				
	Perfluorotetradecanoic Acid (PFTDoDA)	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U				
	Perfluoropentadecanoic Acid (PFPeDA)	19	0.59 U	0.59 U	0.59 U	0.77 U	0.62 U	0.60 U	0.64 U				
	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	3.93	0.54 U	0.53 U	0.53 U	0.96 U	0.56 U	0.55 U	0.59 U				
	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	34	1.3 U	1.3 U	1.3 U	2.4 U	1.4 U	1.3 U	1.4 U				
	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U				
	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	0.94 U	0.94 U	0.90 U	0.97 U	1.2 U	0.99 U	0.96 U	1.0 U				
	1,4 Dioxane	0.35	4.4	0.04 U	0.04 U	0.18	0.04	0.04 U	0.09	0.04 U			
	April 2020												
	Emerging Contaminant		NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance Value (June 2021)		Monitoring Location								
			MW-15	MW-1D	MW-35	MW-3D	MW-4S	MW-14D	MW-15S	Equipment Blank			
			Results (ng/L)										
	PFAS (ng/L)	Perfluorobutane Sulfonic Acid (PFBS)	0.61	4 U	4 U	0.46 U	0.52 U	0.30 U	0.36 U	4 U			
		Perfluorooctane Sulfonic Acid (PFHxS)	5.2	4 U	4 U	1.83	1.53	4.3 U	4 U	4 U			
Perfluorohexane Sulfonic Acid (PFHxS)		3.47	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorooctanesulfonic Acid (PFOS)		260	4 U	4 U	0.24	38	38	38	38				
Perfluorodecane Sulfonic Acid (PFDS)		4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorobutanoic Acid (PFBA)		32	1.2 U	0.6 U	5.1	1.73	0.79 U	30	4 U				
Perfluoropentanoic Acid (PFPeA)		5.8	2 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorohexanoic Acid (PFHxA)		11	8.3 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorooctanoic Acid (PFHxO)		11	4 U	4 U	1.83	1.83	4.3 U	4 U	4 U				
Perfluorooctanoic Acid (PFDO)		1.4 U	1.6 U	1.6 U	5.7	6.6	1.7 U	1.1 U	1.6 U				
Perfluorononanoic Acid (PFNA)		2.4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorodecanoic Acid (PFDA)		1.73	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluoroundecanoic Acid (PFUnDA)		4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
Perfluorododecanoic Acid (PFDDoDA)		4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
PFAS (ng/L)	Perfluorotridecanoic Acid (PTTDoDA)	4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
	Perfluorotetradecanoic Acid (PFTDoDA)	4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
	Perfluoropentadecanoic Acid (PFPeDA)	10 X	4 U	4 U	4 U	0.87 U	4.3 U	4 U	4 U				
	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	1.4	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	32	4 U	4 U	4 U	0.92 U	7.9	4 U	4 U				
	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	4 U	4 U	4 U	4 U	4 U	4.3 U	4 U	4 U				
	1,4 Dioxane	0.35	6.8	0.04 U	0.04 U	0.11	0.05	0.04 U	0.09	0.04 U			
	November 2019												
	Emerging Contaminant		NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance Value (June 2021)		Monitoring Location								
			MW-15	MW-1D	MW-35	MW-3D	MW-4S	MW-14D	MW-15S	Equipment Blank			
			Results (ng/L)										
	PFAS (ng/L)	Perfluorobutane Sulfonic Acid (PFBS)	ND	ND	ND	ND	ND	ND	ND	ND			
		Perfluorooctane Sulfonic Acid (PFHxS)	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorohexane Sulfonic Acid (PFHxS)		4.9	ND	ND	ND	ND	ND	ND	ND				
Perfluorooctanesulfonic Acid (PFOS)		220	ND	ND	ND	ND	ND	ND	ND				
Perfluorodecane Sulfonic Acid (PFDS)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorobutanoic Acid (PFBA)		21	ND	ND	ND	ND	ND	ND	ND				
Perfluoropentanoic Acid (PFPeA)		6.3	ND	ND	ND	ND	ND	ND	ND				
Perfluorohexanoic Acid (PFHxA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorooctanoic Acid (PFHxO)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorooctanoic Acid (PFDO)		67	ND	ND	ND	ND	ND	ND	ND				
Perfluorononanoic Acid (PFNA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorodecanoic Acid (PFDA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluoroundecanoic Acid (PFUnDA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorododecanoic Acid (PFDDoDA)		ND	ND	ND	ND	ND	ND	ND	ND				
PFAS (ng/L)	Perfluorotridecanoic Acid (PTTDoDA)	ND	ND	ND	ND	ND	ND	ND	ND				
	Perfluorotetradecanoic Acid (PFTDoDA)	ND	ND	ND	ND	ND	ND	ND	ND				
	Perfluoropentadecanoic Acid (PFPeDA)	5.3	ND	ND	ND	ND	ND	ND	ND				
	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	ND	ND	ND	ND	ND	ND	ND	ND				
	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	25	ND	ND	ND	ND	ND	ND	ND				
	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	ND	ND	ND	ND	ND	ND	ND	ND				
	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	ND	ND	ND	ND	ND	ND	ND	ND				
	1,4 Dioxane	0.35	13.0	0.040 U	0.040 U	0.44	0.040 U	0.040 U	0.09	0.040 U			
	June 2018												
	Emerging Contaminant		NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance Value (June 2021)		Monitoring Location								
			MW-15	MW-1D	MW-35	MW-3D	MW-4S	MW-14D	MW-15S	Equipment Blank			
			Results (ng/L) - Health Advisory Level - 70 Parts per Billion										
	PFAS (ng/L)	Perfluorobutane Sulfonic Acid (PFBS)	ND	ND	ND	ND	ND	ND	ND	ND			
		Perfluorooctane Sulfonic Acid (PFHxS)	ND	ND	ND	ND	1.1 U	1.8 U	ND	2.2 U			
Perfluorohexane Sulfonic Acid (PFHxS)		71	ND	ND	ND	ND	ND	ND	ND				
Perfluorooctanesulfonic Acid (PFOS)		200	ND	5.1	2.4	30	30	30	30				
Perfluorodecane Sulfonic Acid (PFDS)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorobutanoic Acid (PFBA)		47	ND	ND	6.3 U	3.1	ND	ND	16				
Perfluoropentanoic Acid (PFPeA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorohexanoic Acid (PFHxA)		25	ND	ND	ND	ND	5.9	ND	1.5 U				
Perfluorooctanoic Acid (PFHxO)		18	ND	ND	ND	ND	6	ND	ND				
Perfluorooctanoic Acid (PFDO)		4.4	ND	ND	ND	ND	ND	ND	ND				
Perfluorononanoic Acid (PFNA)		1.7 U	ND	ND	ND	ND	ND	ND	ND				
Perfluorodecanoic Acid (PFDA)		ND	ND	ND	ND	ND	ND	ND	ND				
Perfluoroundecanoic Acid (PFUnDA)		ND	ND	ND	ND	ND	ND	ND	ND				
PFAS (ng/L)		Perfluorododecanoic Acid (PFDDoDA)	ND	ND	ND	ND	ND	ND	ND	ND			
	Perfluorotridecanoic Acid (PTTDoDA)	ND	ND	ND	ND	ND	ND	ND	ND				
	Perfluorotetradecanoic Acid (PFTDoDA)	ND	ND	ND	ND	ND	ND	ND	ND				
	Perfluoropentadecanoic Acid (PFPeDA)	ND	ND	ND	ND	ND	ND	ND	ND				
	N-Methyl Perfluorooctane Sulfonamidoacetic Acid	ND	ND	ND	ND	ND	ND	ND	ND				
	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	45	ND	ND	ND	ND	1.0 U	ND	ND				
	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	ND	ND	ND	ND	ND	ND	2.6 U	ND				
	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	ND	ND	ND	ND	ND	ND	ND	ND				
	1,4 Dioxane	0.35	10.0	0.040 U	0.040 U	0.46	0.12	0.040 U	0.040 U	NA			

Notes

NYSDEC Part 703 - TOGS 1.1.1. Ambient Water Quality Guidance value (June 2021)

Part 703 Expendance

Appendix H

Field Data Sheets (Purge Logs) from Second Quarter 2022 Sampling Event

**FIELD SAMPLING DATA SHEET**

SITE: Champlain (T) Landfill (Closed)
CLIENT: NEWSNY
Weather Conditions: Overcast

SAMPLE LOCATION: MW-10S
JOB #: 574.131.020
Temperature: 4h 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>4.65</u>
Measured Well Depth (feet)*:	<u>15.00</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>1.6</u>

*depth from measuring point

Measuring Point: Top of Riser
Measured by: RJF/LLD
Date: 4/25/2022
Time: 12:57

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 5.07

Actual Volume of Water Purged (gallons): 5.25

Did well purge dry? No ☒ Yes ☐
Did well recover? No ☐ Yes ☐

Recovery Time: 12:57

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 12:45 pm Date: 4/25/2022

SAMPLING DATA

Sample Appearance
Color: None Sediment: Fines
Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.50</u>	Sp. Conductivity (umhos/cm)	<u>536.7</u>
Temperature (F)	<u>4.4</u>	Eh-Redox Potential (mV)	<u>175</u>
Turbidity (NTUs)	<u>8.31</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):
1988 NYSDEC Part 360 Routine & PFAS/PAHs/Dioxane 13 bottles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

**FIELD SAMPLING DATA SHEET**

SITE: Champlain (T) Landfill (Closed)
CLIENT: NEWSNY
Weather Conditions: Drizzle
SAMPLE TYPE: Groundwater ☒ Sediment ☐

SAMPLE LOCATION: MW-13S
JOB #: 574.131.020
Temperature: 50s
Surface Water ☐ Other (specify): _____
Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>5.42</u>
Measured Well Depth (feet)*:	<u>15.00</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>1.57</u>

*depth from measuring point

Measuring Point: Top of Riser
Measured by: RJF/LLD
Date: 7/25/22
Time: 1315

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 4.69Actual Volume of Water Purged (gallons): 5.00Did well purge dry? No ☒ Yes ☐Did well recover? No ☐ Yes ☐Recovery Time 20 min**SAMPLING METHOD**

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 13:04 Date: 4/26/2022**SAMPLING DATA**

Sample Appearance
Color: None Sediment: Fines
Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.60</u>	Sp. Conductivity (umhos/cm)	<u>442.0</u>
Temperature (F)	<u>8.9</u>	Eh-Redox Potential (mV)	<u>180</u>
Turbidity (NTUs)	<u>1.66</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):1988 NYSDEC Part 360 Routine 3 bottlesSamples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____**COMMENTS:**

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed)
 CLIENT: NEWSNY
 Weather Conditions: Clear

SAMPLE LOCATION: MW-4S
 JOB #: 574.131.020
 Temperature: 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
 Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>9.90</u>
Measured Well Depth (feet)*:	<u>20.85</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>2.68</u>

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: RJF/LLD
 Date: 4/25/22
 Time: 1329

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 8.05

Actual Volume of Water Purged (gallons): 9.00

Did well purge dry? No ☐ Yes ☒

Did well recover? No ☐ Yes ☐

Recovery Time: Clear

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 13:20 Date: 4/26/2022

SAMPLING DATA

Sample Appearance: Minor tint
 Color: None Sediment: Fines
 Odor: None

Field Measured Parameters

pH (Standard Units)	<u>6.88</u>	Sp. Conductivity (umhos/cm)	<u>428.1</u>
Temperature (F)	<u>8.5</u>	Eh-Redox Potential (mV)	<u>-38</u>
Turbidity (NTUs)	<u>26.9</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type): 4 bottles
1988 NY DEC Part 160 Routine PFAS/1,4-Dioxane

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed) SAMPLE LOCATION: MW-1S
 CLIENT: NEWSNY JOB #: 574.131.020
 Weather Conditions: Cloudy Temperature: 50s
 SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
 Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>4.10</u> <u>4.20</u>
Measured Well Depth (feet)*:	<u>12.20</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>2.27</u> <u>1.3</u>

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: RJF/LLD
 Date: 4/25/2022
 Time: 1:40pm

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 3.80
 Actual Volume of Water Purged (gallons): 4.00

Did well purge dry? No ☒ Yes ☒
 Did well recover? No ☐ Yes ☒

Recovery Time: 20 minutes

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 1:35 Date: 4/26/2022

SAMPLING DATA

Sample Appearance: Minor turb
 Color: petroleum Sediment: Fines
 Odor: _____

Field Measured Parameters

pH (Standard Units)	<u>7.00</u>	Sp. Conductivity (umhos/cm)	<u>1149</u>
Temperature (F)	<u>8.0</u>	Eh-Redox Potential (mV)	<u>-19</u>
Turbidity (NTUs)	<u>30.3</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Routine & PFAS/1,4-Dioxane 17 bottles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

**FIELD SAMPLING DATA SHEET**

SITE: Champlain (T) Landfill (Closed)
CLIENT: NEWSNY
Weather Conditions: Cloudy

SAMPLE LOCATION: MW-1D (MS/MSD)
JOB #: 574.131.020
Temperature: 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>10.81</u>
Measured Well Depth (feet)*:	<u>42.40</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>5.15</u>

*depth from measuring point

Measuring Point: Top of Riser
Measured by: RJF/LLD
Date: 4/25/2022
Time: 2:00pm

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 15.46

Actual Volume of Water Purged (gallons): 15.50

Did well purge dry? No ☒ Yes ☐
Did well recover? No ☐ Yes ☐

Recovery Time: Overnight

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 1:55pm Date: 4/26/2022

SAMPLING DATA

Sample Appearance
Color: None Sediment: Fines
Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.72</u>	Sp. Conductivity (umhos/cm)	<u>542.2</u>
Temperature (F)	<u>4.0</u>	Eh-Redox Potential (mV)	<u>45</u>
Turbidity (NTUs)	<u>3.14</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Routine & PFAS/1,4-Dioxane 21 bottles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

**FIELD SAMPLING DATA SHEET**

SITE: Champlain (T) Landfill (Closed)
CLIENT: NEWSNY
Weather Conditions: Cloudy

SAMPLE LOCATION: MW-15S DUPE X
JOB #: 574.131.020
Temperature: 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>2.06</u>
Measured Well Depth (feet)*:	<u>15.80</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>2.24</u>

*depth from measuring point

Measuring Point: Top of Riser
Measured by: RJF/LLD
Date: 4/25/2022
Time: 2:15 pm

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 6.73

Actual Volume of Water Purged (gallons): 5.25

Did well purge dry? No ☐ Yes ☒
Did well recover? No ☐ Yes ☒

Recovery Time: over night

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD **Time:** 2:10 pm **Date:** 4/26/2022

SAMPLING DATA

Sample Appearance
Color: Minor tint **Sediment:** Fines
Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.48</u>	Sp. Conductivity (umhos/cm)	<u>851.2</u>
Temperature (F)	<u>8.7</u>	Eh-Redox Potential (mV)	<u>122.0</u>
Turbidity (NTUs)	<u>10.2</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Routine & PFAS/1,4-Dioxane 17 bottles

Samples Delivered to: ALS Labs via Fed-Ex **Time:** _____ **Date:** _____

COMMENTS:

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed)
 CLIENT: NEWSNY
 Weather Conditions: Overcast

SAMPLE LOCATION: MW-14D
 JOB #: 574.131.020
 Temperature: 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
 Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>3.51</u>
Measured Well Depth (feet)*:	<u>29.30</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>4.24</u>

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: RJF/LLD
 Date: 4/25/20
 Time: 1430

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 12.72

Actual Volume of Water Purged (gallons): 12.75

Did well purge dry? No ☒ Yes ☐
 Did well recover? No ☐ Yes ☐

Recovery Time: Overnight

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 14:25 Date: 4/26/2020

SAMPLING DATA

Sample Appearance: None
 Color: None Sediment: Fines
 Odor: None

Field Measured Parameters

pH (Standard Units)	<u>2.95</u>	Sp. Conductivity (umhos/cm)	<u>453.0</u>
Temperature (F)	<u>4.1</u>	Eh-Redox Potential (mV)	<u>155</u>
Turbidity (NTUs)	<u>3.19</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Routine & PFAS/1,4-Dioxane 17 bottles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

**FIELD SAMPLING DATA SHEET**

SITE: Champlain (T) Landfill (Closed) **SAMPLE LOCATION:** MW-3S
CLIENT: NEWSNY **JOB #:** 574.131.020
Weather Conditions: Clear **Temperature:** 50s
SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>5.64</u>
Measured Well Depth (feet)*:	<u>12.50</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>1.45</u>

*depth from measuring point

Measuring Point: Top of Riser
Measured by: RJF/LLD
Date: 4/25/22
Time: 1500

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 4.34Actual Volume of Water Purged (gallons): 4.50

Did well purge dry? No ☒ Yes ☐
Did well recover? No ☐ Yes ☐

Recovery Time: 15 min**SAMPLING METHOD**

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 17:55 Date: 4/26/2022

SAMPLING DATA

Sample Appearance
Color: None Sediment: Fines
Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.63</u>	Sp. Conductivity (umhos/cm)	<u>496.6</u>
Temperature (F)	<u>10.1</u>	Eh-Redox Potential (mV)	<u>176</u>
Turbidity (NTUs)	<u>1.11</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type):1988 NYSDEC Part 360 Routine & PFAS/1,4-Dioxane4 bottles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed)
 CLIENT: NEWSNY
 Weather Conditions: Overcast
 SAMPLE TYPE: Groundwater ☒ Sediment ☐

SAMPLE LOCATION: MW-3D
 JOB #: 574.131.020
 Temperature: 50°
 Surface Water ☐ Other (specify): _____
 Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>21.88</u>
Measured Well Depth (feet)*:	<u>33.00</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>1.81</u>

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: RJF/LLD
 Date: 4/28/20
 Time: 1510

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 5.49

Actual Volume of Water Purged (gallons): 5.50

Did well purge dry? No ☒ Yes ☐
 Did well recover? No ☐ Yes ☐

Recovery Time: Overnight

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 15:05 Date: 4/26/2022

SAMPLING DATA

Sample Appearance
 Color: None Sediment: Fines
 Odor: None

Field Measured Parameters

pH (Standard Units)	<u>7.38</u>	Sp. Conductivity (umhos/cm)	<u>714.7</u>
Temperature (F)	<u>9.1</u>	Eh-Redox Potential (mV)	<u>12</u>
Turbidity (NTUs)	<u>1.59</u>	Dissolved Oxygen (mg/L)	<u>-</u>

Samples Collected (Number/Type): 4 bottles
1988 NYSDDEC Part 360 Routine & PFAS/1,4-Dioxane

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed)
 CLIENT: NEWSNY
 Weather Conditions: Overcast

SAMPLE LOCATION: MW-SW-1
 JOB #: 574.131.020
 Temperature: 50s

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
 Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	4.60
Measured Well Depth (feet)*:	11.68
Well Casing Diameter (inches):	2.0
Calculated Volume in Well Casing (gallons):	1.15

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: RJF/LLD
 Date: 4/23/2022
 Time: 15:25

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 3.46

Actual Volume of Water Purged (gallons): 3.50

Did well purge dry? No ☐ Yes ☐

Did well recover? No ☐ Yes ☐

Recovery Time: Overnight

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: 15:20 Date: 4/26/2022

SAMPLING DATA

Sample Appearance
 Color: Slight tint Sediment: Fines
 Odor: None

Field Measured Parameters

pH (Standard Units)	7.75	Sp. Conductivity (umhos/cm)	608.5
Temperature (F)	83	Eh-Redox Potential (mV)	143
Turbidity (NTUs)	8.37	Dissolved Oxygen (mg/L)	-

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Routine & PFAS, 4 Dioxane 13 Soffles

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

FIELD SAMPLING DATA SHEET

SITE: Champlain (T) Landfill (Closed)
 CLIENT: NEWSNY
 Weather Conditions: Overcast

SAMPLE LOCATION: MW-4S
 JOB #: 574.131.020
 Temperature: 77°F

SAMPLE TYPE: Groundwater ☒ Surface Water ☐ Other (specify): _____
 Sediment ☐ Leachate ☐

WATER LEVEL DATA

Static Water Level (feet)*:	<u>5.05</u>
Measured Well Depth (feet)*:	<u>20.85</u>
Well Casing Diameter (inches):	<u>2.0</u>
Calculated Volume in Well Casing (gallons):	<u>2.0</u>

*depth from measuring point

Measuring Point: Top of Riser
 Measured by: BDD
 Date: 5/14/22
 Time: 11:30 AM

PURGING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐

Calculated Volume Of Water To Be Purged (gallons): 7.8 GAC

Actual Volume of Water Purged (gallons): 3.0 GAC

Did well purge dry? No ☐ Yes ☒

Did well recover? No ☐ Yes ☒

Recovery Time: 5 min

SAMPLING METHOD

Equipment: Bailer ☒ Submersible Pump ☐ Air Lift System ☐
 Dedicated ☒ Foot Valve ☐ Peristaltic Pump ☐
 Non-dedicated ☐ Bladder Pump ☐ Grab ☐

Sampled by: RJF/LLD Time: _____ Date: _____

SAMPLING DATA

Sample Appearance

Color: _____ Sediment: _____

Odor: _____

Field Measured Parameters

pH (Standard Units)		Sp. Conductivity (umhos/cm)	
Temperature (F)		Eh-Redox Potential (mV)	
Turbidity (NTUs)		Dissolved Oxygen (mg/L)	

Samples Collected (Number/Type):

1988 NYSDEC Part 360 Baseline

Samples Delivered to: ALS Labs via Fed-Ex Time: _____ Date: _____

COMMENTS:

Figure 1

Site Location

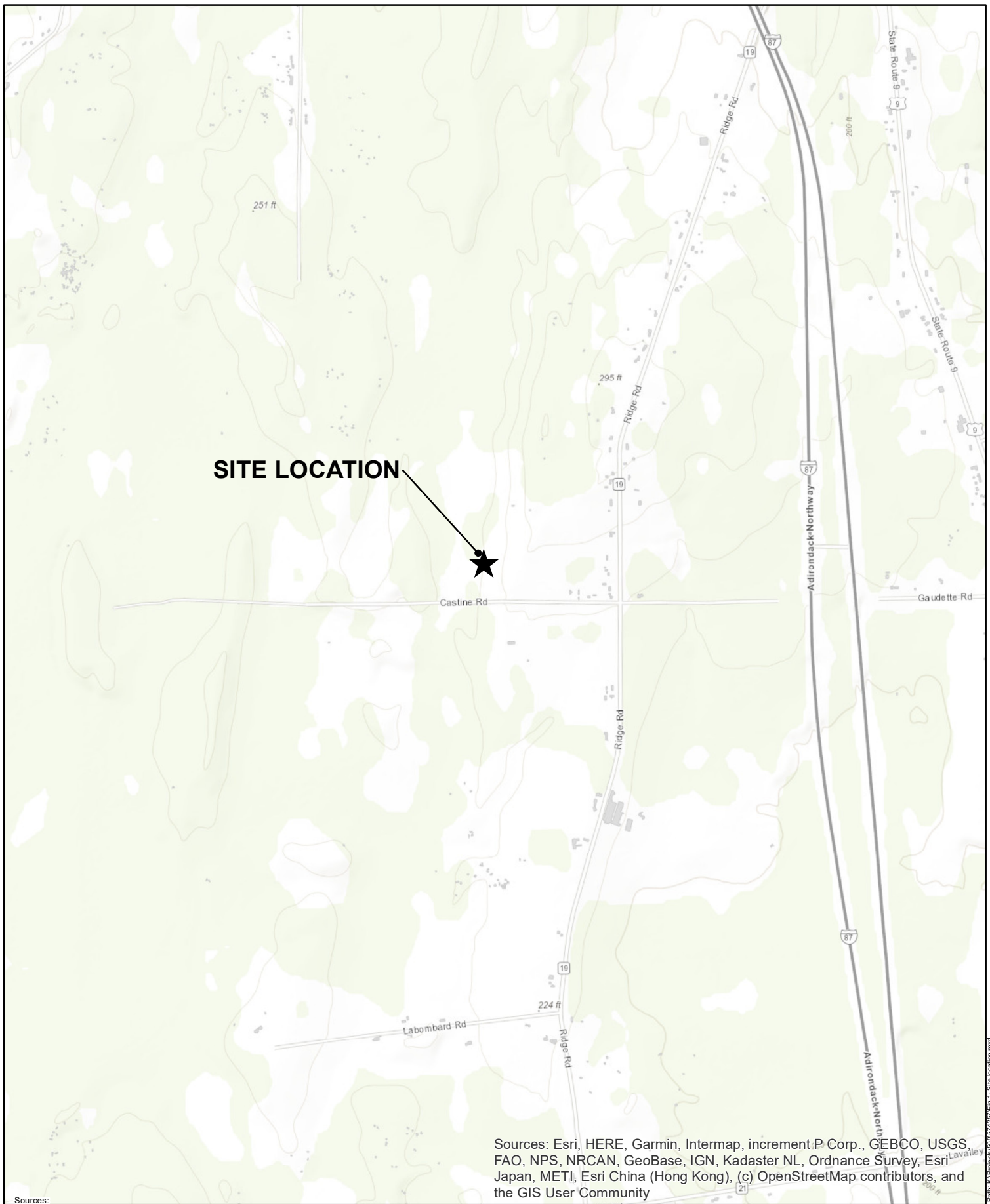


Figure 2

Monitoring Locations and Groundwater Contours 2022

The experience to
listen
The power to
solveSM

Barton
&Loguidice

www.bartonandloguidice.com