

# QUARTERLY DATA SUMMARY REPORT FIRST QUARTER 2018

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## NIAGARA COUNTY REFUSE DISTRICT SITE

Wheatfield, Niagara County, New York

(NYSDEC Site No. 9-32-026)

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SUBMITTED TO:



UNITED STATES  
ENVIRONMENTAL PROTECTION  
AGENCY



NEW YORK STATE  
DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION

SUBMITTED FOR:

**NIAGARA COUNTY REFUSE DISTRICT  
AND PRP GROUP**

PREPARED BY:

**PARSONS**

40 La Riviere Drive, Suite 350  
Buffalo, New York 14202  
(716) 541-0730 Fax (716) 541-0760

**April 2018**

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**NIAGARA COUNTY REFUSE DISTRICT SITE  
Wheatfield, Niagara County, New York  
(NYSDEC Site No. 9-32-026)**

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## **SECTION 1**

### **INTRODUCTION**

The Niagara County Refuse Site Potentially Responsible Parties (PRP) Group completed a remedial action at the Niagara County Refuse Site (Site), Wheatfield, New York in 2000. The remedial action was conducted in accordance with the United States Environmental Protection Agency (USEPA) Record of Decision (USEPA, 1993) and the United States District Court Consent Decree (USEPA, 1995). The PRP Group is currently performing operations, maintenance, and monitoring (OM&M) in accordance with the USEPA-approved OM&M Manual (CRA, 2000). This data report summarizes the first quarter monitoring activities conducted from January through March 2018.

#### **1.1 PROCEDURES**

##### **1.1.1 Effluent Sampling**

The current Industrial Wastewater Discharge Permit (Appendix A) was issued by the City of North Tonawanda, and is effective through April 1, 2019. The current permit has a reduced analytical chemical parameter list compared to the original permit, and a semi-annual sampling frequency. Prior to March 2007, samples were collected monthly. In the current reporting period (January through March 2018), an effluent sample was not collected. The next effluent sample is scheduled to be collected in April 2018.

##### **1.1.2 Groundwater Sampling**

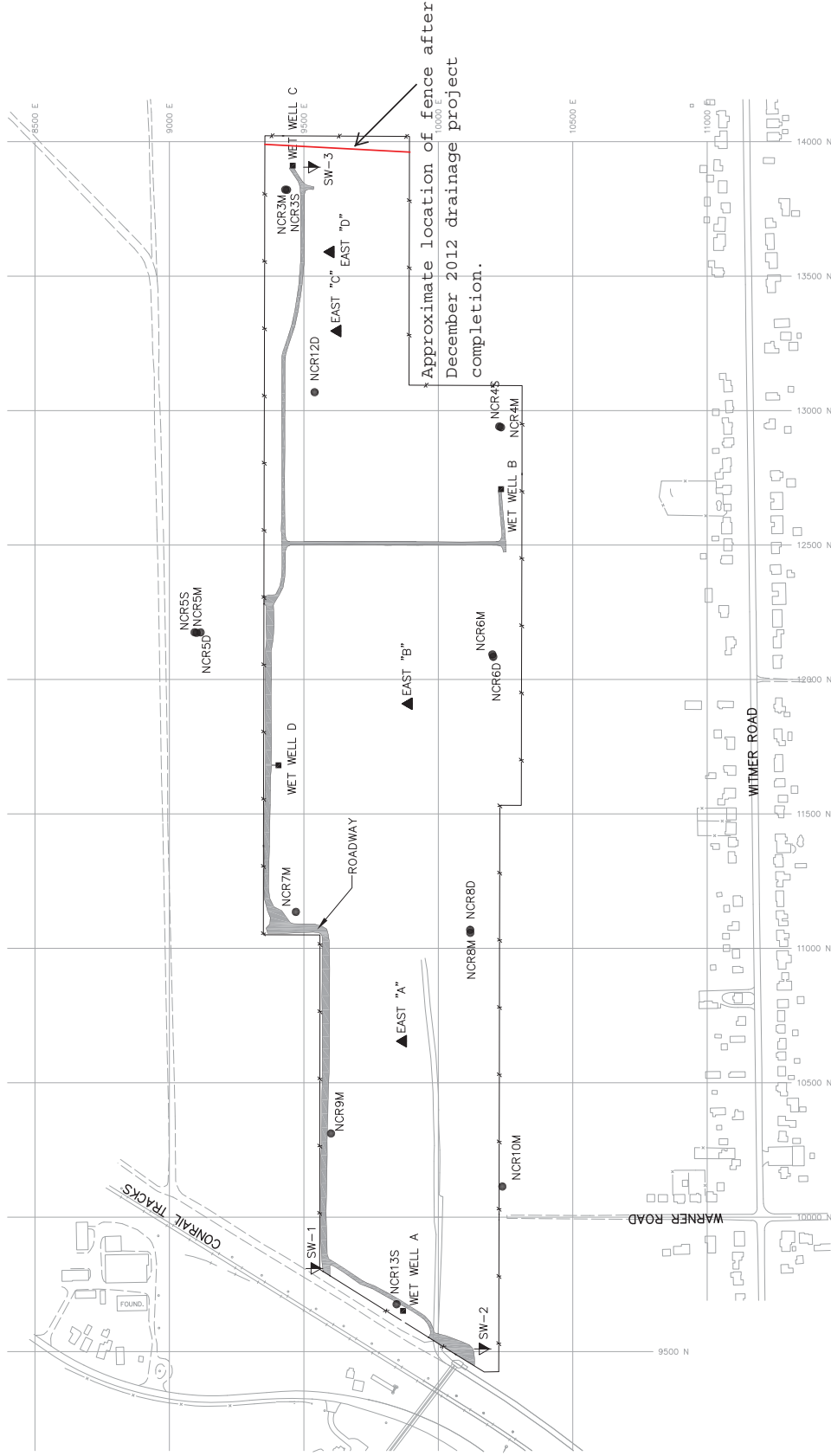
Groundwater samples were not collected during this reporting period. In accordance with the approved OM&M Plan (CRA, 2000), the groundwater sampling frequency was decreased from a quarterly to a semi-annual basis in 2003, and from a semi-annual to an annual basis beginning in 2006. The next round of groundwater samples is scheduled to be collected in April 2018.

##### **1.1.3 Water Level Measurements**

Water levels were measured in January, February, and March 2018 at four observation well locations (Piezometers East A, East B, East C, and East D), four effluent monitoring locations (Wet Wells A, B, C, and D), and four monitoring well locations (NCR-3S, NCR-4S, NCR-5S, and NCR-13S). The water levels were measured with an electronic water level indicator, and reported as an elevation above mean sea level. Figure 1.1 shows the locations of the water level monitoring points.

##### **1.1.4 Site Inspections**

Monthly Site inspections were conducted on January 17, February 13, and March 19, 2018. During the Site inspections, the manholes, wet wells, landfill cap, wetlands, perimeter fence, drainage ditches, swale outlets, culverts, gas vents, and monitoring wells were each visually inspected.



## LEGEND

- ▲ EAST "A" WATER LEVEL MONITORING WELL LOCATION
- ▼ SW-2 SURFACE WATER MONITORING LOCATION
- WET WELL A EFFLUENT MONITORING LOCATION
- NCR13S GROUNDWATER QUALITY MONITORING LOCATION

FIGURE 1.1

NIAGARA COUNTY REFUSE SITE  
WHEATFIELD, NEW YORK  
SITE PLAN

**PARSONS**

180 LAWRENCE BELL DRIVE, SUITE 104, WILLIAMSVILLE, N.Y. 14221, PHONE: 716-633-7074

## **SECTION 2**

### **RESULTS**

This section describes the results of the first quarter OM&M activities conducted in January, February, and March 2018. Activities during this quarter included water level measurements from observation wells and wet wells, and monthly Site inspections.

#### **2.1 EFFLUENT SAMPLES**

No effluent samples were required to be collected under the discharge permit during the reporting period. The next effluent sampling is scheduled to be collected in April 2018. The current City of North Tonawanda Industrial Wastewater Discharge Permit (March 31, 2016 through April 1, 2019) is included in Appendix A.

#### **2.2 GROUNDWATER ANALYTICAL RESULTS**

Monitoring wells NCR-3S, NCR-4S, NCR-5S, and NCR-13S were not sampled during this reporting quarter, based on the current annual groundwater sampling schedule specified in the OM&M Manual (CRA, 2000). Groundwater sample collection for the above-listed wells is planned for April 2018, assuming groundwater levels are adequate, and sufficient water is available for sampling within the wells. The locations of the monitoring wells are provided in Figure 1.1.

#### **2.3 WATER LEVELS**

Results of water level measurements collected during this reporting period are presented in Appendix B. Water levels were collected from the monitoring locations on January 10, February 13, and March 6, 2018. Water levels generally increased over the reporting period. Measured water levels were consistent with the levels observed in previous years between January and March.

#### **2.4 SITE INSPECTIONS**

A summary of the Site inspection findings is included in Table 2.1. The Site Inspection Logs have been included in Appendix C.

Each of the inspections found the manholes and wet wells to be in good condition. Water levels were measured in the wet wells during the inspections and recorded on the water level records.

Examination of the landfill cap vegetative cover included checking for erosion, bare areas, wash-outs, leachate seeps, height of vegetation, and assessing the condition of the vegetation. No surface erosion or leachate seeps were noted. No issues were observed with the grass covering the landfill during the reporting period, and no actions were required. No dead or dying vegetation was noted on the landfill cap.

Additionally, the access roads were examined for erosion, potholes/puddles, and obstructions. All aspects of the access roads that were examined were deemed acceptable during each of the inspections during the reporting period.

The wetlands were visually examined to assess the condition of the vegetation, change in water levels, and to observe general conditions. No issues were noted with the wetland vegetation during the inspections. The water level in the wetland was noted to be within the range expected during each of the inspections. No dead or dying wetland vegetation was noted during the site inspections. No issues were noted concerning the general condition of the wetlands during the inspections, with no action required, during each of the inspections during the reporting period.

No dead or dying vegetation was noted in the drainage ditches and swale outlets during the January through March Site inspections. No erosion or flow obstruction was observed and the condition of the erosion protection devices were in good condition.

All other parts of the landfill system which were examined, including the culverts and gas vents, were found to be in acceptable condition during the reporting period.

## **2.5 MAINTENANCE**

No scheduled or unscheduled maintenance was required during the reporting period.

No major repairs were required during the reporting quarter.

## **2.6 OM&M OVERSIGHT**

Parsons' Quality Assurance (QA) work included periodic oversight of OM&M activities by GHD, review of monthly inspection and monitoring data, and periodic communications with GHD. Upon completion of work performed by GHD, routine activity report forms were completed. Parsons reviewed the report forms for completeness, and recorded problems, if any, on the forms (Appendices B and C).



**Table 2.1**  
**Quarterly Site Inspection Results Summary**

<b>Inspection Item</b>	<b>Acceptable</b>	<b>Requires Action</b>	<b>Comments</b>
Manholes	X		No issues were identified.
Wet Wells	X		Water levels were measured monthly.
Wetlands	X		Water levels were within the historical range. No dead or dying vegetation in the wetlands was noted during the monthly inspections.
Perimeter Fence	X		No damage was observed during the quarter.
Condition of Roads	X		No potholes were observed.
Integrity of the Cap	X		No erosion was observed. Vegetation length was normal height for time of year. No dead or dying vegetation was noted during the inspections.
Drainage Ditches/Swales	X		No dead or dying vegetation was noted in the ditches and swales during the site inspections.
Gas Venting System	X		No issues were identified.
Wells	X		Water levels were measured monthly.
Culverts	X		No issues were identified.
Other	X		No issues were identified with any other aspects of the site.

## **SECTION 3**

### **SUMMARY AND CONCLUSIONS**

The following summary and conclusions were developed based on the data collected during this reporting period:

- The landfill was inspected monthly and was appropriately maintained. No major repairs were required during the reporting period.
- As specified in the OM&M Manual, annual groundwater monitoring commenced in 2006. Groundwater samples were not collected during this reporting period, and are currently scheduled to be collected in April 2018, assuming sufficient groundwater is available in the wells.
- Water levels were measured in the wet wells, monitoring wells, and the observation wells on the landfill on a monthly basis. Water levels generally increased over the reporting period. Measured water levels were consistent with the levels observed in previous years between January and March.
- Wetlands vegetation was in a condition typical for the time of year during each of the monthly inspections. The wetlands vegetation will continue to be visually assessed during the monthly site inspections.

## **SECTION 4**

### **REFERENCES**

Record of Decision, Niagara County Refuse Site, Wheatfield, Niagara County, New York; United States Environmental Protection Agency, September 1993.

Consent Decree, Docket 946-849; United States Environmental Protection Agency, February 3, 1995.

Operations, Maintenance and Monitoring Manual for Niagara County Refuse District Site Remedial Construction, Wheatfield, Niagara County, New York; Conestoga-Rovers & Associates, December 2000.

## **APPENDIX A**

### **CITY OF NORTH TONAWANDA INDUSTRIAL WASTEWATER DISCHARGE PERMIT**

CITY OF NORTH TONAWANDA  
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

---

**Permit Number: 2628010**

In accordance with the provisions of the Clean Water Act as amended, all terms and conditions set forth in this permit, the City of North Tonawanda Local Sewer Use Ordinance and any applicable Federal, State or local laws or regulations, authorization is hereby granted to:

Niagara County Department of Public Works  
Engineering Department  
59 Park Avenue  
Lockport, NY 14094

Site: **Niagara County Refuse Site**

Witmer Road  
Town of Wheatfield, NY 14120

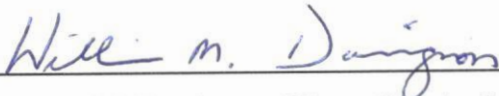
Classified by S.I.C. Number(s): N/A

for the discharge of ground water and other wastes generated during Remedial Action construction and implementation into the City of North Tonawanda Sewerage System.

This permit is granted in accordance with an application filed in the offices of the Water/Wastewater Superintendent located at 830 River Road, and in conformity with specifications and other required data submitted in support of the above named application, all of which are filed with and considered part of this permit. This permit is also granted in accordance with discharge limitations and requirements, monitoring and reporting requirements, and all other conditions set forth in Parts I and II hereof.

**Effective this 31st day of March, 2016**

**To expire the 1st day of April, 2019**

  
\_\_\_\_\_  
**William M. Davignon, Water Works Superintendent**

Signed this 11<sup>th</sup> day of March, 2016

**PART I. SPECIFIC CONDITIONS****A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning the effective date of this permit and lasting until the expiration date, discharge from the permitted facility outfall(s) shall be limited and monitored by the permittee as specified below (Refer to attached map for sampling and monitoring sites).

<b>Sample Point</b>	<b>Parameter</b>	<b>Discharge Limitations mg/l except pH Daily Max.</b>	<b>Sampling Period</b>	<b>Sampling Type</b>
001	Total Flow		1 Sampling Day Monthly	continuous
	pH	Monitor Only	1 Sampling Day Monthly	grab
	Aluminum	2.0	1 Sampling Day semi-annual	24 hr comp.
	Lead	4.6	1 Sampling Day semi-annual	24 hr comp.
	Iron	10	1 Sampling Day semi-annual	24 hr comp.
	Magnesium	Monitor Only	1 Sampling Day semi-annual	24 hr comp.
	Sodium	Monitor Only	1 Sampling Day semi-annual	24 hr comp.
	BOD	Monitor Only	1 Sampling Day semi-annual	24 hr comp.
	Total Suspended Solids	Monitor Only	1 Sampling Day semi-annual	24 hr comp.

**PART I. SPECIFIC CONDITIONS****B. DISCHARGE MONITORING AND REPORTING REQUIREMENTS**

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported by the permittee no later than the days specified below.

<b>Sample Point</b>	<b>Parameter</b>	<b>Initial Monitoring Report</b>	<b>Subsequent Monitoring Reports</b>
001	Total Flow	January 31, 2007	Semi-annual
	Lead	January 31, 2007	Semi-annual
	Iron	January 31, 2007	Semi-annual
	Magnesium	January 31, 2007	Semi-annual
	Sodium	January 31, 2007	Semi-annual
	pH	January 31, 2007	Semi-annual
	BOD	January 31, 2007	Semi-annual
	Total Suspended Solids	January 31, 2007	Semi-annual

**PART I. SPECIFIC CONDITIONS**

**C. SPECIAL REQUIREMENTS**

- 1) This permit is written for a duration of three (3) years. Upon renewal of this permit, all parameters will be re-evaluated to develop a parameter list based on chemical concentrations present in the extracted groundwater.
- 2) Frequency of monitoring is to be re-evaluated yearly.
- 3) All monitoring reports (initial and subsequent), are to be received by the Superintendent, no later than thirty (30) days after receipt of validated data.
- 4) It is required that the Permittee have a Site Operations Manual available at all times. All emergency phone numbers must be listed in an appropriate place for easy access by operations personnel. The Permittee shall not discharge into the City of North Tonawanda sewerage treatment works during WWTP overflow conditions. The Permittee is required to cease all pumping operations upon verbal request of the North Tonawanda Water/Wastewater Superintendent or his designee. Pumping operations shall not recommence until approval by the North Tonawanda Water/Wastewater Superintendent or his designee.
- 5) Analysts are required to use GC/MS method detection limits for most organics (if GC/MS is appropriate); GC/ECD for PCB's/Pesticides and GF method detection limits for metals (where GF is appropriate), as contained in attachment 5 of the NYSDEC TOGs 1.3.8 – New Discharges to Publicly Owned Treatment Works – dated 10/26/94.



**APPENDIX B**

**WATER LEVEL RECORDS**

## WATER LEVEL RECORD

PROJECT NAME: *NIAGARA COUNTY  
REFUSE SITE*

LOCATION: Wheatfield, New York

DATE: 01/10/18  
(MM DD YY)

CREW MEMBERS: Tony Manns

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
EAST "A"	1548	598.93	26.45	572.48
EAST "B"	1547	596.23	Dry	596.23
EAST "C"	1527	598.69	21.02	577.67
EAST "D"	1551	593.20	15.41	577.79
NCR-3S	1520	579.60	4.69	574.91
NCR-4S	1532	577.88	3.52	574.36
NCR-5S	1510	579.34	7.11	572.23
NCR-13S	1450	577.15	5.27	571.88

### WET WELLS

Wet Well	Time of Measurement	Total Flow	Depth of Water
WW A	1440		2' 6"
WW B	1544		3' 1"
WW C	1518		3' 4"
WW D	1504		2' 11"

Total System Flow	Time of Measurement
000311	1445

Water Level Meter: NF07181

FP-3D

## WATER LEVEL RECORD

PROJECT NAME: *NIAGARA COUNTY  
REFUSE SITE*

LOCATION: Wheatfield, New York

DATE: 02/13/18  
(MM DD YY)

CREW MEMBERS: Tony Manns

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
EAST "A"	1109	598.93	26.48	572.45
EAST "B"	1112	596.23	Dry	596.23
EAST "C"	1055	598.69	19.87	578.82
EAST "D"	1125	593.20	14.41	578.79
NCR-3S	1129	579.60	4.43	575.17
NCR-4S	1101	577.88	3.19	574.69
NCR-5S	1025	579.34	7.18	572.16
NCR-13S	1041	577.15	5.32	571.83

### WET WELLS

Wet Well	Time of Measurement	Total Flow	Depth of Water
WW A	1031		3' 1"
WW B	1104		2' 6"
WW C	1051		3' 4"
WW D	1045		2' 11"

Total System Flow	Time of Measurement
001045	1035

Water Level Meter: NF08335

FP-3D

## WATER LEVEL RECORD

PROJECT NAME: *NIAGARA COUNTY  
REFUSE SITE*

LOCATION: Wheatfield, New York

DATE: 03/06/18  
(MM DD YY)

CREW MEMBERS: Tony Manns

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
EAST "A"	0908	598.93	271.13	327.80
EAST "B"	0914	596.23	Dry	596.23
EAST "C"	0934	598.69	21.24	577.45
EAST "D"	0940	593.20	15.93	577.27
NCR-3S	0946	579.60	4.42	575.18
NCR-4S	0929	577.88	3.13	574.75
NCR-5S	0900	579.34	6.76	572.58
NCR-13S	0843	577.15	5.04	572.11

### WET WELLS

Wet Well	Time of Measurement	Total Flow	Depth of Water
WW A	0840		3' 5"
WW B	0918		2' 11"
WW C	0950		3' 1"
WW D	0849		3' 3"

Total System Flow	Time of Measurement
001695	0839

Water Level Meter: NF07181

**APPENDIX C**  
**MONTHLY INSPECTION LOGS**

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 01/16/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
1	Perimeter collection System/Off-Site Forcemain		
<input checked="" type="checkbox"/>	Manholes		
<input checked="" type="checkbox"/>	- cover on securely	None	None
<input checked="" type="checkbox"/>	- condition of cover	None	None
<input checked="" type="checkbox"/>	- condition of inside of manhole	None	None
<input checked="" type="checkbox"/>	- flow conditions	None	None
<input checked="" type="checkbox"/>	Wet Wells		
<input checked="" type="checkbox"/>	- cover on securely	None	None
<input checked="" type="checkbox"/>	- condition of cover	None	None
<input checked="" type="checkbox"/>	- condition of inside of wet well	None	None
2	Landfill Cap		
<input checked="" type="checkbox"/>	Vegetated Soil Cover		
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- bare areas	None	None
<input checked="" type="checkbox"/>	- washouts	None	none
<input checked="" type="checkbox"/>	- leachate seeps	None	None
<input checked="" type="checkbox"/>	- length of vegetation	None	None
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 01/16/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
2 Landfill Cap (continued)			
<input checked="" type="checkbox"/> Access Roads	- bare areas, dead/dying veg.	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- potholes or puddles	None	None
<input checked="" type="checkbox"/>	- obstruction	None	None
3 Wetlands (Area "F")			
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None
<input checked="" type="checkbox"/>	- change in water budget	None	None
<input checked="" type="checkbox"/>	- general conditions of wetlands	None	None
4 Other Site Systems			
<input checked="" type="checkbox"/> Perimeter Fence	- integrity of fence	None	None
<input checked="" type="checkbox"/>	- integrity of gates	None	None
<input checked="" type="checkbox"/>	- integrity of locks	None	None
<input checked="" type="checkbox"/>	- placement and condition of signs	None	None

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 01/16/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
4	Other Site Systems (continued)		
<input checked="" type="checkbox"/>	Drainage Ditches/	- sediment buildup	None
<input checked="" type="checkbox"/>	Swale Outlets	- erosion	None
<input checked="" type="checkbox"/>		- condition of erosion protection	None
<input checked="" type="checkbox"/>		- flow obstructions	None
<input checked="" type="checkbox"/>		- dead/dying vegetation	None
<input checked="" type="checkbox"/>		- cable concrete/gabion mats and riprap	None
<input checked="" type="checkbox"/>	Culverts	- sediment build-up	None
<input checked="" type="checkbox"/>		- erosion	None
<input checked="" type="checkbox"/>		- condition of erosion protection	None
<input checked="" type="checkbox"/>		- flow obstructions	None
<input checked="" type="checkbox"/>	Gas Vents	- intact/damage	None
<input checked="" type="checkbox"/>	Wells	- locks secure	None



## MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 02/13/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
1	Perimeter collection System/Off-Site Forcemain		
<input checked="" type="checkbox"/>	Manholes		
	- cover on securely	None	None
	- condition of cover	None	None
	- condition of inside of manhole	None	None
<input checked="" type="checkbox"/>	- flow conditions	None	None
<input checked="" type="checkbox"/>	Wet Wells		
	- cover on securely	None	None
	- condition of cover	None	None
	- condition of inside of wet well	None	None
<input checked="" type="checkbox"/>			
2	Landfill Cap		
<input checked="" type="checkbox"/>	Vegetated Soil Cover		
	- erosion	None	None
	- bare areas	None	None
	- washouts	None	none
	- leachate seeps	None	None
	- length of vegetation	None	None
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None

## MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 02/13/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
2	Landfill Cap (continued)		
<input checked="" type="checkbox"/>	Access Roads	None	None
<input checked="" type="checkbox"/>	- bare areas, dead/dying veg.	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- potholes or puddles	None	None
<input checked="" type="checkbox"/>	- obstruction	None	None
3	Wetlands (Area "F")		
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None
<input checked="" type="checkbox"/>	- change in water budget	None	None
<input checked="" type="checkbox"/>	- general conditions of wetlands	None	None
4	Other Site Systems		
<input checked="" type="checkbox"/>	Perimeter Fence	None	None
<input checked="" type="checkbox"/>	- integrity of fence	None	None
<input checked="" type="checkbox"/>	- integrity of gates	None	None
<input checked="" type="checkbox"/>	- integrity of locks	None	None
<input checked="" type="checkbox"/>	- placement and condition of signs	None	None

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 02/13/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
4	Other Site Systems (continued)		
<input checked="" type="checkbox"/>	Drainage Ditches/		
<input checked="" type="checkbox"/>	- sediment buildup	None	None
<input checked="" type="checkbox"/>	Swale Outlets		
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- condition of erosion protection	None	None
<input checked="" type="checkbox"/>	- flow obstructions	None	None
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None
<input checked="" type="checkbox"/>	- cable concrete/gabion mats	None	None
	and riprap		
<input checked="" type="checkbox"/>	Culverts		
<input checked="" type="checkbox"/>	- sediment buildup	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- condition of erosion protection	None	None
<input checked="" type="checkbox"/>	- flow obstructions	None	None
<input checked="" type="checkbox"/>	Gas Vents		
<input checked="" type="checkbox"/>	- intact/damage	None	None
<input checked="" type="checkbox"/>	Wells		
<input checked="" type="checkbox"/>	- locks secure	None	None

## MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 03/19/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
1	Perimeter collection System/Off-Site Forcemain		
<div> <div>Manholes</div> <div> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> </div>	- cover on securely	None	None
	- condition of cover	None	None
	- condition of inside of manhole	None	None
	- flow conditions	None	None
<div> <div>Wet Wells</div> <div> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> </div>	- cover on securely	None	None
	- condition of cover	None	None
	- condition of inside of wet well	None	None
2	Landfill Cap		
<div> <div>Vegetated Soil Cover</div> <div> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> </div>	- erosion	None	None
	- bare areas	None	None
	- washouts	None	none
	- leachate seeps	None	None
	- length of vegetation	None	None
	- dead/dying vegetation	None	None

## MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 03/19/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
2	Landfill Cap (continued)		
<input checked="" type="checkbox"/>	Access Roads	None	None
<input checked="" type="checkbox"/>	- bare areas, dead/dying veg.	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- potholes or puddles	None	None
<input checked="" type="checkbox"/>	- obstruction	None	None
3	Wetlands (Area "F")		
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None
<input checked="" type="checkbox"/>	- change in water budget	None	None
<input checked="" type="checkbox"/>	- general conditions of wetlands	None	None
4	Other Site Systems		
<input checked="" type="checkbox"/>	Perimeter Fence	None	None
<input checked="" type="checkbox"/>	- integrity of fence	None	None
<input checked="" type="checkbox"/>	- integrity of gates	None	None
<input checked="" type="checkbox"/>	- integrity of locks	None	None
<input checked="" type="checkbox"/>	- placement and condition of signs	None	None

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, NY

DATE: 03/19/18  
(MM DD YY)

INSPECTOR(S): Tony Manns

Item	Inspect For	Action Required	Comments
4	Other Site Systems (continued)		
<input checked="" type="checkbox"/>	Drainage Ditches/		
<input checked="" type="checkbox"/>	Swale Outlets		
<input checked="" type="checkbox"/>	- sediment buildup	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- condition of erosion protection	None	None
<input checked="" type="checkbox"/>	- flow obstructions	None	None
<input checked="" type="checkbox"/>	- dead/dying vegetation	None	None
<input checked="" type="checkbox"/>	- cable concrete/gabion mats	None	None
	and riprap		
<input checked="" type="checkbox"/>	Culverts		
<input checked="" type="checkbox"/>	- sediment buildup	None	None
<input checked="" type="checkbox"/>	- erosion	None	None
<input checked="" type="checkbox"/>	- condition of erosion protection	None	None
<input checked="" type="checkbox"/>	- flow obstructions	None	None
<input checked="" type="checkbox"/>	Gas Vents		
<input checked="" type="checkbox"/>	- intact/damage	None	None
<input checked="" type="checkbox"/>	- locks secure	None	None
	Wells		

**APPENDIX D**

**COMPACT DISK CONTAINING REPORT**