

# SEMI-ANNUAL DATA SUMMARY REPORT

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## NIAGARA COUNTY REFUSE DISTRICT SITE

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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

**August 2007**

## **SEMI-ANNUAL DATA SUMMARY REPORT**

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

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*Prepared For:*

### **NIAGARA COUNTY REFUSE DISTRICT AND PRP GROUP**

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**AUGUST 2007**

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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 conducting operations, maintenance, and monitoring (OM&M) in accordance with the USEPA-approved OM&M Manual (CRA, 2000). This data report summarizes monitoring activities from April through June 2007.

### **1.1 PROCEDURES**

#### **1.1.1 Effluent Sampling**

A revised Industrial Wastewater Discharge Permit (Appendix A) was issued by the City of North Tonawanda, and is effective from February 28, 2007 through April 1, 2010. The revised permit has a reduced analytical parameter list compared to the original permit, and a semi-annual sampling frequency. Prior to the revised permit, samples were collected monthly. An effluent sample was collected in January and February from Wet Well A, which receives water from the leachate collection system surrounding the landfill. Composite 24-hour samples were collected from Wet Well A using an automated sampler. The next effluent sample is scheduled to be collected in September 2007.

#### **1.1.2 Groundwater Sampling**

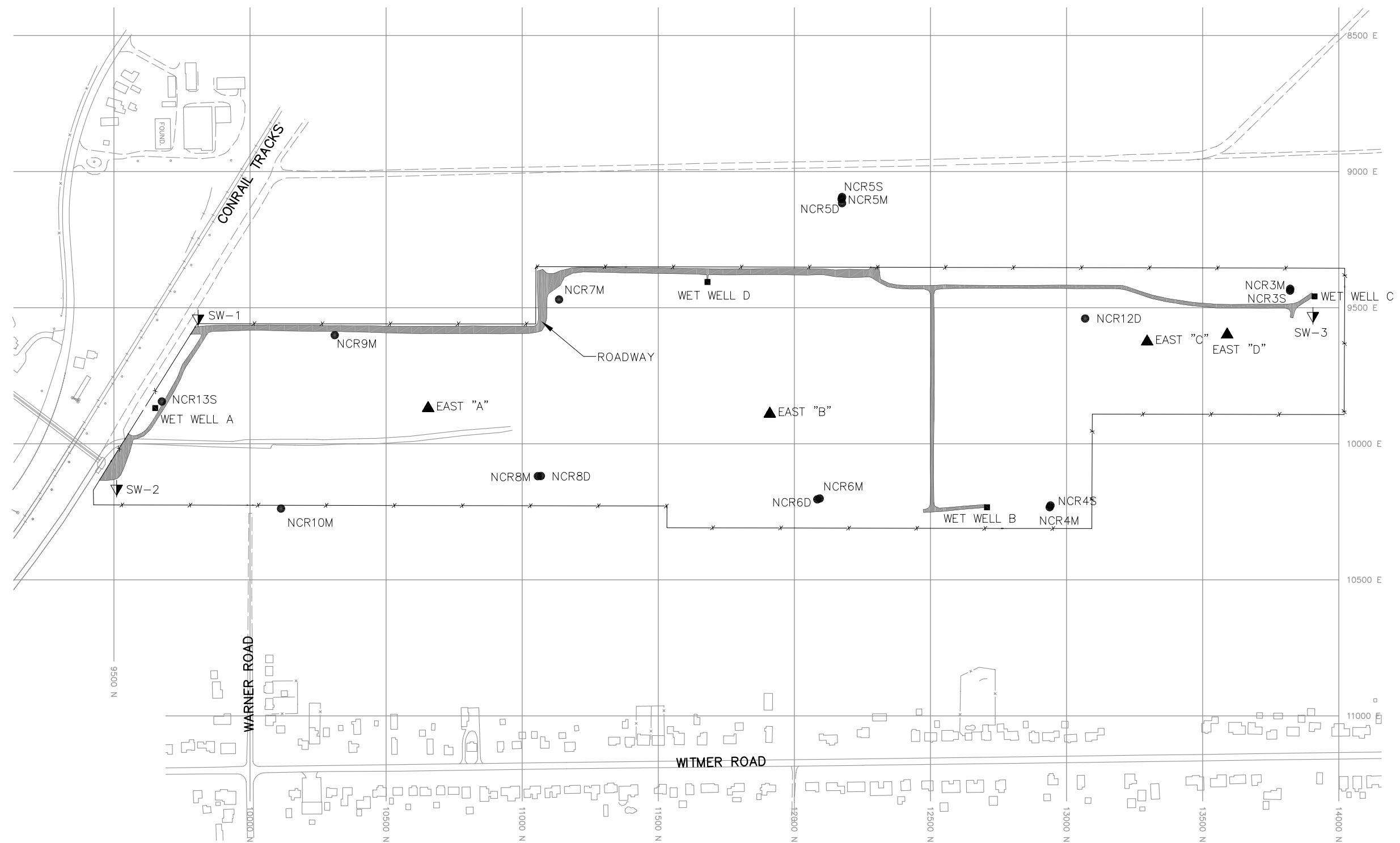
Groundwater samples were not collected during this reporting period. In accordance with the approved OM&M Plan (CRA, 2000), the groundwater sampling frequency was decreased from a quarterly to a semi-annual basis in 2003, and from a semi-annual to an annual basis beginning in 2006. The next round of groundwater samples is scheduled to be collected in October 2007.

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

Water levels were measured during monthly Site inspections in April, May, and June 2007. Water levels were measured from 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 April 2, May 4, and June 1, 2007. 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 |



SCALE: 1"=400'

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 all OM&M activities conducted from April through June 2007. Activities during this quarter included water level measurements, maintenance work, and Site inspections.

#### **2.1 EFFLUENT SAMPLES**

No effluent samples were collected during the reporting period. The revised City of North Tonawanda Industrial Wastewater Discharge Permit (February 31, 2007 through April 1, 2010) has been included in Appendix A. As can be seen in the revised permit, the analytical parameters and the sampling frequency have been reduced from the original permit.

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

Monitoring wells NCR-3S, NCR-4S, NCR-5S, and NCR-13S were not sampled during this reporting quarter, due to the current annual groundwater sampling schedule specified in the OM&M Manual. Groundwater sample collection is planned for October 2007. The locations of the monitoring wells are provided in Figure 1.1. The USEPA, NYSDOH, and NYSDEC have agreed to reduce the number of analytical parameters monitored in the groundwater samples (see Appendix B).

#### **2.3 WATER LEVELS**

Results of water level measurements collected during this reporting period are presented in Appendix C. Water levels were collected from the monitoring locations on a monthly basis. Water levels in the monitoring wells decreased between April and June 2007. Measured water levels were consistent with levels observed in previous years between April and June.

#### **2.4 SITE INSPECTIONS**

A summary of the Site inspection findings is included in Table 2.1. Copies of the Site inspection logs have been included in Appendix D.

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.

Examination of the landfill cap vegetative cover included checking for erosion, bare areas, washouts, leachate seeps, height of vegetation, and assessing the condition of the vegetation. No surface erosion, bare spots, or leachate seeps were noted. The grass covering the landfill was relatively low during the April and May inspections, with the vegetation typical of winter conditions in April..



Additionally, during the examination of the landfill cap, the access roads were examined for erosion, potholes/puddles, and obstructions. All aspects of the access roads that were examined were deemed acceptable, but minor potholes and puddles were noted in April 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. Wetland vegetation was noted to be in typical winter condition during the April Site inspection. A slightly higher than normal water level was noted in the wetland area during May, a slightly lower than normal water level was noted in June, and a normal water level was noted in April.

A single hole cut into the perimeter fence was identified during the April inspection. The Niagara County Sheriff's Department was contacted, a police report was completed, and the hole was repaired.

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

## **2.5 MAINTENANCE**

Scheduled maintenance during the reporting period included removing, cleaning, and reinstalling each of the wet well pumps, cutting brush and small trees along the perimeter fence line, replaced security light on exterior of the control building, and replaced vandalized perimeter signs. Copies of the maintenance record logs have been included in Appendix E.

- On April 2, each of the wet well pumps were removed from the wet wells, cleaned, checked for operation, and reinstalled.
- On May 11 and 14, small trees and brush were cut around the site, on the inside of the perimeter fence.
- On May 16, the security light on the outside of the control building that had been damaged by vandalism, was replaced with a new light fixture.
- On May 18, the signs posted on the perimeter fence that were damaged at the same time that the control building light was vandalized were replaced.

Occasional unscheduled maintenance at the landfill is required. Unscheduled maintenance items completed during this quarter are listed below:

- On April 10, a section of fence that was damaged on the west side of the site was replaced. This is a section that had a hole identified on March 30, 2007 (see Quarterly Summary Report, Parsons, May 2007). A Niagara County Sheriff's

Department Report number 14490 was filed on March 30, 2007, and a temporary repair was completed.

- A stuck float switch was repaired on April 3 at wet well A.
- On May 11, vandalism, including bent locking mechanism on a gate, broken light on the control building, and damaged and removed perimeter signs was identified, and the Niagara County Sheriff's Department was called (report number 21094). The gate was repaired on May 11 using a chain and padlock.

## **2.6 OM&M OVERSIGHT**

Parsons' Quality Assurance (QA) work included periodic oversight of OM&M activities conducted by O&M Enterprises, Inc. (the onsite operations and maintenance contractor), review of monthly inspection and monitoring data, and periodic communications with O&M Enterprises. Upon completion of work performed by O&M Enterprises, routine activity report forms were completed. Parsons reviewed the report forms for completeness, and recorded problems, if any, on the forms (Appendices C, D, and E).

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

<b>Inspection Item</b>	<b>Acceptable</b>	<b>Requires Action</b>	<b>Comments</b>
Manholes	X		
Wet Wells	X		Water levels were measured monthly.
Wetlands	X		Water level was noted to be higher than normal in May and lower than normal in June, but within the historical range.
Perimeter Fence		X	Fence gate was vandalized and was repaired. Sheriff was called and report completed.
Condition of Roads	X		Minor potholes and puddles were observed in April.
Integrity of the Cap	X		No erosion was observed.
Drainage Ditches/Swales	X		
Gas Venting System	X		
Wells	X		Water levels were measured monthly.
Culverts	X		
Other		X	Exterior light on control building was vandalized and was replaced. Perimeter signs were vandalized and were replaced.

## **SECTION 3**

### **CONCLUSIONS**

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

- The landfill was inspected monthly and was appropriately maintained.
- As specified in the OM&M Manual, annual groundwater monitoring commenced in October 2006. The next groundwater sampling event is currently scheduled for October 2007.
- Water levels were measured in the wet wells, monitoring wells, and the observation wells on the landfill on a monthly basis. Water levels in the monitoring wells decreased between April and June. Measured water levels were consistent with levels observed in previous years between April and June.
- Wetlands vegetation appeared relatively healthy, and in good condition, based on monthly visual assessments.

## **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.

Quarterly Data Summary Report for the Niagara County Refuse District Site, Wheatfield, Niagara County, New York; Parsons, May 2007.

**APPENDIX A**

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

**CITY OF NORTH TONAWANDA**  
4/5/95  
**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, New York 14094

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

for the discharge of: groundwater 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 Treatment Plant 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 February, 2007**

**To expire the 1st day of April, 2010**



**Treatment Plant Superintendent**

**Signed this 31st day of January, 2007**

PERMIT NUMBER: 2628010

Part I  
Page of 4**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).

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



Part I  
Page 1 of 4

## B. DISCHARGE REPORTING REQUIREMENTS

[illegible]

**PERMIT NUMBER: 2628010****Part I**  
**Page 4 of 4****PART I. SPECIFIC CONDITIONS****C. SPECIAL REQUIREMENTS**

- 1) This permit is written for a duration of three 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 to the City of North Tonawanda sewerage treatment works during overflow conditions. The permittee is required to cease all pumping operations upon verbal request of the North Tonawanda Wastewater Treatment Plant Superintendent or his assigns. Pumping operations shall not recommence until approved by the North Tonawanda Wastewater Treatment Plant Superintendent or his assigns.
- 5) Analysts are required to use GC/MS method detection limits for most organics (if GC/MS is appropriate); GC/ECD for PCBS/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**

## **CORRESPONDENCE**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2  
290 BROADWAY  
NEW YORK, NY 10007-1866

NOV 21 2005

**BY FEDEX**

Mr. Eric Felter  
Project Manager  
Parsons  
180 Lawrence Bell Drive, Suite 104  
Williamsville, New York 14221

Re: Niagara County Refuse Site, Wheatfield, New York: Request for the Reduction of Analytical Parameters in Groundwater Samples

Dear Mr. Felter:

The U.S. Environmental Protection Agency (EPA) and New York State Department of Environmental Conservation (NYSDEC) have reviewed your letter dated October 3, 2005 prepared by Parsons on behalf of the Niagara County Refuse (NCR) Site PRP Group requesting a reduction in the analytical parameters in groundwater samples taken at the NCR site as part of the operation and maintenance program. The current analytical parameter list includes 2 volatiles, 4 semi-volatiles, and 16 metals which were determined to be constituents of interest at the site. Your proposal requests reducing the parameters to 5 metals, representing those constituents which have been measured above standards with some regularity in past sampling rounds. The sampling program, involving four monitoring wells, has been in effect since 2001 and your proposal reflects trends evident since the program was initiated. Sampling frequency is currently semi-annual (twice a year).

After discussing this matter with NYSDEC with input from the New York State Department of Health, our preference is that the sampling parameters remain the same for the time being. This is due to the significant residential growth around the site in recent years. After the current sampling round, samples are scheduled to be taken annually. EPA approves changing the current monitoring program only to the extent that the volatiles and semi-volatiles analysis can be conducted every two years while the metals analysis be conducted annually. EPA will, however, consider a further frequency reduction in the future as more data are collected.



Please call me at (212) 637-4278 if you have any questions on this matter.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Michael J. Negrelli", with a long horizontal flourish extending to the right.

Michael J. Negrelli  
Remedial Project Manager  
New York Remediation Branch

cc: J. Konsella - NYSDEC/Region 9  
B. Sadowski - NYSDEC/Region 9

# **APPENDIX C**

## **WATER LEVEL RECORDS**

## WATER LEVEL RECORD

PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York

DATE: 04/02/07  
(MM DD YY)

CREW MEMBERS: Richard C. Becken

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
East "A"		598.93	24.88	574.05
East "B"		596.23	19.98	576.25
East "C"		598.69	20.1	578.59
East "D"		593.20	15.24	577.96
NCR-3S		579.60	3.26	576.34
NCR-4S		591.88	2.93	588.95
NCR-5S		597.34	6.08	591.26
NCR-13S		593.13	4.25	588.88

### Wet Wells

		depth of water		
WWA		~13"		
WWB		~14"		
WWC		~10"		
WWD		~10"		

Total System

Time of

Flow

Measurement

3706660	

FORM 16

## WATER LEVEL RECORD

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE: 6/5/04/6/7  
(MM DD YY)

CREW MEMBERS: Richard C. Becken

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
East "A"		598.93	25.02	573.91
East "B"		596.23	20.07	576.16
East "C"		598.69	20.17	578.52
East "D"		593.20	15.09	578.11
NCR-3S		579.60	3.5	576.1
NCR-4S		591.88	3.19	588.69
NCR-5S		597.34	6.75	590.59
NCR-13S		593.13	4.81	588.32

### Wet Wells

		depth of water		
WWA		~15"		
WWB		~9"		
WWC		~10"		
WWD		~10"		

Total System  
Flow

Time of  
Measurement

382.77570	



## WATER LEVEL RECORD

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE: 06/01/07  
(MM DD YY)

CREW MEMBERS: Richard C. Becken

Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
		feet	feet	feet
East "A"	1350	598.93	25.5	573.43
East "B"	1325	596.23	19.78	576.45
East "C"	1300	598.69	19.87	578.82
East "D"	1235	593.20	15.1	578.1
NCR-3S	1140	579.60	5.89	573.71
NCR-4S	10:45	591.88	3.9	587.98
NCR-5S	1400	597.34	8.87	588.47
NCR-13S	10:00	593.13	7.01	586.12

### Wet Wells

Depth of Water				
WWA	0945	~14"		
WWB	1055	~11"		
WWC	1130	~10"		
WWD	1215	~12"		

Total System

Time of

Flow

Measurement

38453690	0945

FORM 16

**APPENDIX D**

**MONTHLY INSPECTION LOGS**

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

*Ronald C. Beker*

DATE:

01/02/07  
(MM DD YY)

Item

Inspect For

Action Required

Comments

## 1. Perimeter Collection System/Off-Site Foremain


Manholes

- cover on securely
- condition of cover
- condition of inside of manhole
- flow conditions

*yes*  
*good*  
*good*  
*very low flow*


Wet Wells

- cover on securely
- condition of cover
- condition of inside of wet well

*yes*  
*good*  
*good*

## 2. Landfill Cap

Vegetated Soil Cover

- erosion
- bare areas
- washouts
- leachate seeps
- length of vegetation
- dead/dying vegetation

*no*  
*no*  
*no*  
*no*  
*short*  
*winter full*

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

*R. C. Baker*

DATE:

10/10/2017  
(MM DD YY)

Item	Inspect For	Action Required	Comments
2. Landfill Cap (continued)			
Access Roads	- bare areas, dead/dying veg. - erosion - potholes or puddles - obstruction	<i>no</i> <i>no</i> <i>minor</i> <i>no</i>	
3. Wetlands (Area "P")	- dead/dying vegetation - change in water budget - general condition of wetlands	<i>water full</i> <i>normal</i> <i>good</i>	
4. Other Site Systems			
Perimeter Fence	- integrity of fence - integrity of gates - integrity of locks - placement and condition of signs	<i>fence cut west side</i> <i>good</i> <i>good</i> <i>good</i>	<i>repaired</i>

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

*R C Belcher*

DATE:

10/4/02/017  
(MM DD YY)

Item	Inspect For	Action Required	Comments
<b>4. Other Site Systems (continued)</b>			
Drainage Ditches / Swale Outlets	- sediment build-up	<i>no</i>	
	- erosion	<i>no</i>	
	- condition of erosion protection	<i>good</i>	
	- flow obstructions	<i>none</i>	
	- dead/dying vegetation	<i>winter kill</i>	
Culverts	- cable concrete/gabion mats and riprap	<i>good</i>	
	- sediment build-up	<i>no</i>	
	- erosion	<i>no</i>	
	- condition of erosion protection	<i>good</i>	
Gas Vents	- flow obstructions	<i>none</i>	
	- intact / damage	<i>intact</i>	
	- locks secure	<i>yes</i>	
Wells			

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

RC Becken

DATE:

05/09/07  
(MM DD YY)

Item	Inspect For	Action Required	Comments
<b>1. Perimeter Collection System/Off-Site Foremain</b>			
Manholes	- cover on securely	yes	
	- condition of cover	good	
	- condition of inside of manhole	good	
	- flow conditions	no flow	
Wet Wells	- cover on securely	yes	
	- condition of cover	good	
	- condition of inside of wet well	good	
<b>2. Landfill Cap</b>			
Vegetated Soil Cover	- erosion	none	
	- bare areas	none	
	- washouts	none	
	- leachate seeps	none	
	- length of vegetation	short	
	- dead/dying vegetation	none	

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

DATE:

6/5/2019  
(MM DD YY)

INSPECTOR(S):

RC Belkum

Item

Inspect For

Action Required

Comments

## 2. Landfill Cap (continued)

Access Roads


- bare areas, dead/dying veg.
- erosion
- potholes or puddles
- obstruction

none
none
none
none

## 3. Wetlands (Area "F")

- dead/dying vegetation
- change in water budget
- general condition of wetlands

none
water slightly high
good

## 4. Other Site Systems

Perimeter Fence


- integrity of fence
- integrity of gates
- integrity of locks
- placement and condition of signs

good
good
good
good

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE:

10/5/2017  
(MM DD YY)

INSPECTOR(S):

RC Baker

Item	Inspect For	Action Required	Comments
4. Other Site Systems (continued)			
Drainage Ditches/ Swale Outlets	- sediment build-up	none	
	- erosion	none	
	- condition of erosion protection	good	
	- flow obstructions	none	
	- dead/dying vegetation	none	
Culverts	- cable concrete/gabion mats and riprap	good condition	
	- sediment build-up	none	
	- erosion	none	
Gas Vents	- condition of erosion protection	good	
	- flow obstructions	none	
	- intact /damage	good condition	
Wells	- locks secure	yes	

FORM 1



# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

*RC Baker*

DATE:

06/01/07  
(MM DD YY)

Item	Inspect For	Action Required	Comments
<b>1. Perimeter Collection System/Off-Site Foremain</b>			
Manholes	- cover on securely	OK	
	- condition of cover	OK	
	- condition of inside of manhole	OK	
	- flow conditions	<del>OK</del> NO FLOW	
Wet Wells	- cover on securely	OK	
	- condition of cover	OK	
	- condition of inside of wet well	OK	
<b>2. Landfill Cap</b>			
Vegetated Soil Cover	- erosion	NONE	
	- bare areas	NONE	
	- washouts	NONE	
	- leachate seeps	NONE	
	- length of vegetation	medium	
	- dead/dying vegetation	NONE	

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE: 10/6/01

(MM DD YY)

INSPECTOR(S):

R C Boken

Item	Inspect For	Action Required	Comments
2. Landfill Cap (continued)			
Access Roads	- bare areas, dead/dying veg.	NONE	
	- erosion	NONE	
	- potholes or puddles	NONE	
	- obstruction	NONE	
3. Wetlands (Area "F")			
	- dead/dying vegetation	NO	
	- change in water budget	low	
	- general condition of wetlands	OK	
4. Other Site Systems			
Perimeter Fence	- integrity of fence	OK	
	- integrity of gates	OK	
	- integrity of locks	OK	
	- placement and condition of signs	OK	

FORM 1

# MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

INSPECTOR(S):

PC Bocken

DATE:

01/01/07  
(MM DD YY)

Item

Inspect For

Action Required

Comments

## 4. Other Site Systems (continued)

Drainage Ditches/  
Swale Outlets

- sediment build-up
- erosion
- condition of erosion protection
- flow obstructions
- dead/dying vegetation
- cable concrete/gabion mats and riprap

NONE

NONE

OK

NONE

NONE

OK

Culverts

- sediment build-up
- erosion
- condition of erosion protection
- flow obstructions

NONE

NONE

OK

NONE

Gas Vents

- intact / damage
- locks secure

INTACT

OK

Wells

FORM 1

**APPENDIX E**

**MAINTENANCE RECORD LOGS**

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 033007 (MM DD YY)

Time: 1100 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair fence

2. Company Performing Maintenance

Name: O&M Enterprises Inc.

Address: 7134 Marigold Dr.  
North Tonawanda, NY 14120

Contact Name: Rick Becken

3. Methods Used:

repaired cut in fence east side

Sheriff incident # 14490

Description of Material Removed:

none

Problems/Comments:

none

3/30/07

DATE

Richard C Becken

INSPECTOR

Richard C Becken

INSPECTOR'S SIGNATURE

FORM 2

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 04/02/07 (MM DD YY)

Time: 1400 (HH mm)

Scheduled/Unscheduled: scheduled

Type of Maintenance Performed: clean + check well pumps

2. Company Performing Maintenance

Name: QTM Enterprises Inc.

Address: 7134 Mangold Dr,  
North Tonawanda, NY 14120

Contact Name: Rick Becken

3. Methods Used:

pulled well pumps from Wet Well C + D cleaned,  
checked and reinstalled in wells

cleaned Y strainer in Wet Well A

Description of Material Removed:

none

Problems/Comments:

none

4/2/07

DATE

Richard C Becken

INSPECTOR

Richard C Becken

INSPECTOR'S SIGNATURE



## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 04/03/07 (MM DD YY)

Time: 0900 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair stuck float switch

2. Company Performing Maintenance

Name: O&M Enterprises Inc.

Address: 7134 Marigold Dr.

North Tonawanda, NY 14120

Contact Name: Richard Becken

3. Methods Used:

probed for float switch under water using a 12 foot piece of PVC conduit

Description of Material Removed:

none

Problems/Comments:

none

4/3/07

DATE

Richard C Becken

INSPECTOR

Richard C Becken

INSPECTOR'S SIGNATURE

FORM 2

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becker

1. Date: 041607 (MM DD YY)

Time: 1230 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair hole in fence west side

2. Company Performing Maintenance

Name: Q&M Enterprises Inc.

Address: 7134 Mangold Dr.

North Tonawanda, NY 14120

Contact Name: Rick Becker

3. Methods Used:

replaced section of fence with hole cut in it

Description of Material Removed:

none

Problems/Comments:

none

4/16/07

DATE

Richard C Becker

INSPECTOR

Richard C Becker

INSPECTOR'S SIGNATURE

FORM 2



## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site,

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becker

1. Date: 05/11/07 (MM DD YY)

Time: 1130 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair gate

2. Company Performing Maintenance

Name: O+M Enterprises Inc

Address: 7134 Marigold Dr.  
North Tonawanda, NY

Contact Name: Rick Becker

3. Methods Used:

Locking mechanism bent on gate by vandals, replaced with chain and padlock, vandals also broke exterior light on the shed (control) will need to get a replacement

Description of Material Removed:

none

Problems/Comments:

Called Niagara County sheriffs, deputy Mullerille came to site made a report and left. Report # is 21094

5/11/07  
DATE

RC Becker  
INSPECTOR

Paul RC Becker  
INSPECTOR'S SIGNATURE

FORM 2

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becker

1. Date: 05/11/07 (MM DD YY)

Time: 1200 (HH mm)

Scheduled/Unscheduled: Scheduled

Type of Maintenance Performed: cut small trees on fence line

2. Company Performing Maintenance

Name: O+M Enterprises Inc.

Address: 2134 Marigold Dr.  
North Tonawanda, NY

Contact Name: Rick Becker

3. Methods Used:

Using a chain saw I cut small trees / large brush  
on or very close to the perimeter fence

Description of Material Removed:

none, trees / brush will be chopped up using  
brush hog mower

Problems/Comments:

none

5/11/07  
DATE

RC Becker  
INSPECTOR

[Signature]  
INSPECTOR'S SIGNATURE

FORM 2

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site,

LOCATION: Wheatfield, New York

CREW MEMBERS: RL Becker

1. Date: 5/14/07 (MM DD YY)

Time: 1/2/00 (HH mm)

Scheduled/Unscheduled: scheduled

Type of Maintenance Performed: cutting brush + small trees from fence line

2. Company Performing Maintenance

Name: Qm Enterprises Inc.

Address: 7134 Marigold Dr  
North Tonawanda, NY 14120

Contact Name: Rick Becker

3. Methods Used:

cut brush + small trees from fence line

Description of Material Removed:

nothing

Problems/Comments:

none

5/14/07

DATE

Richard C Becker

INSPECTOR

Richard C Becker

INSPECTOR'S SIGNATURE

FORM 2

## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site,

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 05/16/07 (MM DD YY)

Time: 1400 (HH mm)

Scheduled/Unscheduled: scheduled

Type of Maintenance Performed: replace security light

2. Company Performing Maintenance

Name: O+m Enterprises Inc.

Address: 7134 Mansfield Dr.  
North Tonawanda, NY 14120

Contact Name: Rick Becken

3. Methods Used:

removed old damaged exterior light from the  
shed and replaced with similar exterior light

Description of Material Removed:

old damaged light

Problems/Comments:

none

5/16/07

DATE

Richard C Becken

INSPECTOR

Richard C Becken

INSPECTOR'S SIGNATURE

FORM 2



## MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site,

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becker

1. Date: 05/18/07 (MM DD YY)

Time: 0950 (HH mm)

Scheduled/Unscheduled: scheduled

Type of Maintenance Performed: replace missing signs

2. Company Performing Maintenance

Name: O+M Enterprises Inc

Address: 7134 Manigold Dr.  
North Tonawanda, NY 14120

Contact Name: Pick Becker

3. Methods Used:

Signs were torn down approx. one week ago by vandals  
I replaced signs today

Description of Material Removed:

none

Problems/Comments:

none

5/18/07

DATE

Richard C Becker

INSPECTOR

Richard C Becker

INSPECTOR'S SIGNATURE

FORM 2

**APPENDIX F**

**COMPACT DISK CONTAINING REPORT**